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Undergraduate Curriculum and Academic Policy Committee Minutes, March 1, 8, 15, and 31, 2011

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Undergraduate Curriculum and Academic Policy Committee

Minutes of March 1, 8, 15 and 31, 2011 Meetings

Present March 1: Dan Bombick, Stephanie Davis, Jean Edwards, Kathy Keister, Jeanne Fraker, Sarah McGinley, Richard Mercer, Tom Sav, Vaughn Shannon. Guests: Mike Reynolds, Mary Holland, Kevin Lorson..

Present March 8: Stephanie Davis, Kathy Keister, Jeanne Fraker, Joe Law, Richard Mercer, Tom Sav, Vaughn Shannon, Joe Slater. Guests: Mary Holland, Bob Hiskey.

Present March 15: Kathy Keister, Sarah McGinley, Richard Mercer, Tom Sav, Vaughn Shannon, Dave Reynolds (for Joe Slater). Guests: Mary Holland, Mike Reynolds, Bill Ayres.

Present March 31: Stephanie Davis, Jeanne Fraker, Kathy Keister, Joe Law, Sarah McGinley, Richard Mercer, Tom Sav, Vaughn Shannon, Dave Reynolds (for Joe Slater). Guests: Mary Holland, Jim Tomlin, Bill Ayres.

Semester Conversion Inventory

Reviewed on March 1 the following Semester courses:

(Note: Committee revisions are not reflected in the following documents. Individuals should login to the Course Inventory Workflow or visit the UCAPC Quarter to Semester Transition website to review revisions.)

March 1 Semester Courses*

*As agreed to by the college representatives, the committee made revisions to PSY 4900, PSY 4500, PSY 4410, PSY 4400, PSY 4360, PSY 4330, PSY 4300, PSY 4200, REL 3310, REL 3300, URS 4470, GEO 4500, BIO 4070, FAS 3870, TEG 2971, TEG 2972, TEG 2973, TEG 2974, EE 4750, EE 3450, EE 4190L, EE 4120L, EE 4620, EE 3210, EE 4440, EE 4120, EE 4440L, EE 4420, EE 4460, EE 3000, EE 4460L, EE 4420L, EE 4990, EE 4210, CNL 4630, CNL 4670, PSY 4740, PSY 4730, PSY 4720, PSY 4710, PSY 4700, PSY 4630, PSY 4620, PSY 4610, PSY 4600, PSY 4530, PSY 4510, PSY 4440, PSY 4370, PSY 4340, PSY 4230, PSY 4220, PSY 4210, PSY 4140, PSY 4130, PSY 4120, PSY 4110, PSY 4100.

The Concatenated Workflow remained in effect. Thus, the committee will review course descriptions at a later date.

Reviewed Computer Science Course Number Changes (changing numbers to fourth digit zeros)

Computer Science Course Number Changes

Reviewed on March 8 the following Semester courses:

(Note: Committee revisions are not reflected in the following documents. Individuals should login to the Course Inventory Workflow or visit the UCAPC Quarter to Semester Transition website to review revisions.)

March 8 Semester Courses*

*As agreed to by the college representatives, the committee made revisions to EES 4750, HED 4430, HPR 4110, OL 4940, OL 4950, SRV 40000.

Reviewed on March 15 the following Semester courses:

(Note: Committee revisions are not reflected in the following documents. Individuals should login to the Course Inventory Workflow or visit the UCAPC Quarter to Semester Transition website to review revisions.)

March 15 Semester Courses*

*As agreed to by the college representatives, the committee made revisions to IT 2550, BIO 4990, PSY 2000, PSY 3000, PSY 4000, EES 4990, EES 3990.

Reviewed on March 31 the following Semester courses:

(Note: Committee revisions are not reflected in the following documents. Individuals should login to the Course Inventory Workflow or visit the UCAPC Quarter to Semester Transition website to review revisions.)

March 31 Semester Courses*

*As agreed to by the college representatives, the committee made revisions to CHM 4250, CHM 437.

Program Conversions to Semester

March 8

Reviewed the following programs from the LC and Service Learning. Individuals should visit the UCAPC Quarter to Semester Transition website to be sure to review all revisions.

Lake Campus
Service Learning

March 15

Reviewed the following programs from the LC, COSM, and CECS. Individuals should visit the UCAPC Quarter to Semester Transition website to be sure to review all revisions.

Lake Campus
COSM
CECS

March 31

Reviewed the following programs from the COSM. Individuals should visit the UCAPC Quarter to Semester Transition website to be sure to review all revisions.

COSM

New Programs

March 15

Approved the Combined Undergraduate-Graduate Degree Program Policy. Individuals should visit the UCAPC Quarter to Semester Transition website to be sure to review all revisions.

Combined Undergraduate-Graduate Degree Program Policy

March 31

Approved Electrical Engineering Combined BS MS Program. Individuals should visit the UCAPC Quarter to Semester Transition website to be sure to review all revisions.(

Electrical Engineering Combined BS MS Program

Adjourned: UCAPC meetings and Senate meetings for approvals are as follows:

UCAPC Meeting	UCAPC Submission Deadline (No Exceptions: receipt after forwards to the next meeting)	Faculty Senate Meeting New Business	Faculty Senate Meeting Old Business
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Spring Quarter Meetings Weekly Thursdays, 8:30 a.m. Rike 248	One week prior to UCAPC meetings. 12:00 Noon No exceptions.	April 4 May 2	May 2 June 6
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[UCAPC HOME](#)

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1533 STATUS: Process CREATOR: Kimberly Hagler CREATED: 1/7/10 IN-PROCESS: 2/18/11 WorkFlow	VERSION: CURR COURSE: ANT434 - Biological Safety STUDENT REC TITLE: Biological Safety EFFECTIVE: Winter 2010 COURSE DESC: The basic principles and practices of biosafety are examined. This course teaches the identification, handling, and containment of potentially hazardous biological materials, including microorganisms and recombinant DNA. COLLEGE: College of Science & Math CRED HR: 2 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR EQUIV: ANT 434
	VERSION: REV COURSE: ANT4340 - Biological Safety STUDENT REC TITLE: Biological Safety EFFECTIVE: Fall 2012 COURSE DESC: Examines the basic principles and practices of biosafety. Identification, handling, and containment of potentially hazardous biological materials, including microorganisms and recombinant DNA. COLLEGE: College of Science & Math CRED HR: 2 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 XLIST: ANT 6340, BMS 8170 QTR EQUIV: ANT 434

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2507 STATUS: Process CREATOR: Laura Buerschen CREATED: 3/29/10 IN-PROCESS: 2/18/11 WorkFlow	<p>VERSION: CURR COURSE: BIO407 - Wetlands Biology STUDENT REC TITLE: Wetlands Biology EFFECTIVE: Spring 2010 COURSE DESC: Ecological investigation of wetlands of United States, with emphasis on Midwest. Primarily field oriented and some lecture. Covers soils, vegetation, hydrology, conservation, and restoration. COLLEGE: College of Science & Math CRED HR: 5 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Classifications: Senior Junior QTR PREREQ: CHM 121 and CHM 125 and CHM 211 and CHM 215 and (BIO 231 or BIO 314 or GL 450 or BIO 411) QTR EQUIV: BIO 407</p> <hr/> <p>VERSION: REV COURSE: BIO4070 - Wetlands Biology STUDENT REC TITLE: Wetlands Biology EFFECTIVE: Fall 2012 COURSE DESC: Ecological investigation of wetlands of United States, with emphasis on Midwest. Primarily field oriented and some lecture. Covers soils, vegetation, hydrology, conservation, and restoration. COLLEGE: College of Science & Math CRED HR: 5 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Classifications: Senior Junior SEM PREREQ: CHM 2110 Minimum Grade of C and (BIO 2130 or BIO 3140 or BIO 4110 or EES 4500) Minimum Grade of C XLIST: BIO 6070 QTR PREREQ: CHM 121 and CHM 125 and CHM 211 and CHM 215 and (BIO 231 or BIO 314 or GL 450 or BIO 411) QTR EQUIV: BIO 407</p>

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6769 STATUS: Process CREATOR: David Grossie CREATED: 12/30/10 IN-PROCESS: 2/17/11 WorkFlow	VERSION: CURR COURSE: CHM312 - Quantitative Analysis STUDENT REC TITLE: Quantitative Analysis EFFECTIVE: Winter 2011 COURSE DESC: Introduction to chemical methods of analysis covering traditional as well as modern techniques and equipment; emphasis on calculations and the interpretation of analytical data. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: CHM 123 and CHM 127 QTR EQUIV: CHM 312
	VERSION: REV COURSE: CHM3120 - Quantitative Analysis STUDENT REC TITLE: Quantitative Analysis EFFECTIVE: Fall 2012 COURSE DESC: Introduction to chemical methods of analysis covering traditional as well as modern techniques and equipment; emphasis on calculations and the interpretation of analytical data. COLLEGE: College of Science & Math CRED HR: 2 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CHM 1220 and CHM 1220L COREQ: CHM 3120L XLIST: CHM 5120 QTR PREREQ: CHM 123 and CHM 127 QTR EQUIV: CHM 312

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6774 STATUS: Process CREATOR: David Grossie CREATED: 12/30/10 IN-PROCESS: 2/17/11 WorkFlow	VERSION: CURR COURSE: CHM457 - Physical Chemistry Laboratory I STUDENT REC TITLE: Physical Chm Lab I EFFECTIVE: Winter 2011 COURSE DESC: Experimental methods of physical chemistry. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab QTR PREREQ: CHM 312 and CHM 314 QTR EQUIV: CHM 457
	VERSION: REV COURSE: CHM3510L - Physical Chemistry Laboratory I STUDENT REC TITLE: Physical Chm Lab I EFFECTIVE: Fall 2012 COURSE DESC: Experimental methods of physical chemistry. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 2 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab, Recitation REP HRS: 0 REP TIMES: 0 SEM PREREQ: CHM 3120 and CHM 3120L COREQ: CHM 3510 XLIST: CHM 5510L QTR PREREQ: CHM 312 and CHM 314 QTR EQUIV: CHM 457

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7350 STATUS: Process CREATOR: David Grossie CREATED: 2/7/11 IN-PROCESS: 2/17/11 WorkFlow	VERSION: CURR COURSE: CHM456 - Physical Chemistry for Nonchemists STUDENT REC TITLE: Phys Chm-Nonchemists EFFECTIVE: Spring 2011 COURSE DESC: An introduction for nonchemistry majors to the ideas of physical chemistry, including thermodynamics, properties of liquids and solids, solution properties, and kinetics. Intended for biologists, geologists, physicists, premedical students and others with an interest in physical chemistry. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: May not be enrolled in one of the following Majors: Chemistry QTR EQUIV: CHM 456
	VERSION: REV COURSE: CHM3560 - Physical Chemistry for Life Sciences STUDENT REC TITLE: Phys Chm-Life Sci EFFECTIVE: Fall 2012 COURSE DESC: Ideas of physical chemistry, including thermodynamics, properties of liquids and solids, solution properties, and kinetics. Intended for biologists, geologists, physicists, premedical students and others with an interest in physical chemistry. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CHM 1220 and CHM1220L and MTH 2310 and ((PHY 2410 and PHY2410L) or (PHY 1120 and PHY1120L)) COREQ: CHM 3510L QTR EQUIV: CHM 456

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7344 STATUS: Process CREATOR: David Grossie CREATED: 2/7/11 IN-PROCESS: 2/15/11 WorkFlow	VERSION: CURR COURSE: CHM435 - Instrumental Analysis STUDENT REC TITLE: Instrumental Analysis EFFECTIVE: Spring 2011 COURSE DESC: Introduction to the theory and practice of modern chemical instrumentation. Elementary electronics, spectrophotometry, atomic absorption, electro-chemical techniques, chromatography, and other instrumental techniques. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: CHM 312 and CHM 452 QTR EQUIV: CHM 435
	VERSION: REV COURSE: CHM4350 - Instrumental Analysis STUDENT REC TITLE: Instrumental Analysis EFFECTIVE: Fall 2012 COURSE DESC: Theory and practice of modern chemical instrumentation. Elementary electronics, spectrophotometry, atomic absorption, electro-chemical techniques, chromatography, and other instrumental techniques. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CHM 3120, CHM 3120L, CHM 3520 COREQ: CHM 4350L XLIST: CHM 5350 QTR PREREQ: CHM 312 and CHM 452 QTR EQUIV: CHM 435

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7339 STATUS: Process CREATOR: David Grossie CREATED: 2/7/11 IN-PROCESS: 2/17/11 WorkFlow	VERSION: CURR COURSE: CHM436 - Instrumental Analysis Laboratory STUDENT REC TITLE: Instrumental Analysis Lab EFFECTIVE: Spring 2011 COURSE DESC: Introduction to experimental instrumental analysis. Practical experience in the operation of chemical instrumentation; emphasizes applications of material presented in CHM 435. COLLEGE: College of Science & Math CRED HR: 4.500 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab QTR PREREQ: CHM 312 and CHM 452 QTR EQUIV: CHM 436
	VERSION: REV COURSE: CHM4350L - Instrumental Analysis Laboratory STUDENT REC TITLE: Instrumental Analy Lab EFFECTIVE: Fall 2012 COURSE DESC: Instrumental techniques and analysis giving practical experience in the operation of chemical instrumentation. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 SEM PREREQ: CHM 3120 and CHM 3120L, MTH 2320, PHY2410 and PHY 2410L COREQ: CHM 4350 XLIST: CHM 5350L QTR PREREQ: CHM 312 and CHM 452 QTR EQUIV: CHM 436



Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6281 STATUS: Process CREATOR: Helen Devore CREATED: 10/19/10 IN-PROCESS: 2/11/11 WorkFlow	VERSION: REV COURSE: CNL4630 - Mental Health Issues in Disability STUDENT REC TITLE: Mental Hlth & Disability EFFECTIVE: Fall 2012 COURSE DESC: Factors influencing behavior of individuals and methods a rehabilitation specialist may use in observing, analyzing, and improving attitudes and behavior. COLLEGE: College of Ed & Human Services CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: None SEM PREREQ: None QTR PREREQ: None QTR EQUIV: CNL 463

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1525 STATUS: Process CREATOR: Helen Devore CREATED: 1/7/10 IN-PROCESS: 2/11/11 WorkFlow	VERSION: CURR COURSE: CNL467 - Group Background and Theory STUDENT REC TITLE: Group Backgrnd & Theory EFFECTIVE: Winter 2010 COURSE DESC: Surveys the background, theory, patterns of function, technique of facilitating, and use of small groups in counseling. COLLEGE: College of Ed & Human Services CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: CNL 461, RHB 407 QTR EQUIV: CNL 467
	VERSION: REV COURSE: CNL4670 - Group Background and Theory STUDENT REC TITLE: Group Background Theory EFFECTIVE: Fall 2012 COURSE DESC: Surveys the background, theory, function, techniques, and the uses of small groups in counseling. COLLEGE: College of Ed & Human Services CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: None SEM PREREQ: CNL 4610 and RHB 4070 QTR PREREQ: CNL 461, RHB 407 QTR EQUIV: CNL 467

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6050 STATUS: Process CREATOR: Barbara Cwirka CREATED: 10/6/10 IN-PROCESS: 2/11/11 WorkFlow	VERSION: CURR COURSE: ED429 - Supervised Teaching: Multi-Age STUDENT REC TITLE: Supv Teaching: Multi-Age EFFECTIVE: Winter 2011 COURSE DESC: Supervised full-time student teaching in a pre-K-12, multi-age school setting. COLLEGE: College of Ed & Human Services CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Internship QTR EQUIV: ED 429
	VERSION: REV COURSE: HPR4290 - K-12 Practicum: Health Education and Physical Education STUDENT REC TITLE: K-12 Practicum: HPR EFFECTIVE: Fall 2012 COURSE DESC: Supervised full-time student teaching in a K-12 school setting. COLLEGE: College of Ed & Human Services CRED HR: 12 VAR CRED RANGE: 0 - 0 GRADE SYS: P LEVEL: Undergraduate COURSE TYPE: Practicum REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be admitted as a licensure candidate in Health and Physical Education. SEM PREREQ: HED 4850 and HPR 4850 COREQ: HPR 4450 QTR EQUIV: ED 429

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
896 STATUS: Process CREATOR: Marie Donohue CREATED: 12/9/09 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE160 - Digital Design with HDL STUDENT REC TITLE: Digital Design with HDL EFFECTIVE: Winter 2010 COURSE DESC: Introduction to combinational and synchronous sequential digital system design and optimization. Hardware description language (HDL) with CAD tools are used for design and simulation in a field programmable gate array (FPGA) based lab. COLLEGE: College of Egr & Computer Sci CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: WSU Math Placement 04 or MTH 127 QTR EQUIV: EE 160
	VERSION: REV COURSE: EE2000 - Digital Design with HDL STUDENT REC TITLE: Digital Design with HDL EFFECTIVE: Fall 2012 COURSE DESC: Introduction to combinational and synchronous sequential digital system design and optimization. Structural hardware description language (HDL) with CAD tools are used for design and simulation in a field programmable gate array (FPGA) based laboratory environment. Simple combinational and synchronous sequential circuits will be designed and tested. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: WSU Math Placement 04 or above or MTH 1260 COREQ: EE 2000L SPC FEE: Egr&Comp Science Fee (1600), \$90 QTR PREREQ: WSU Math Placement 04 or MTH 127 QTR EQUIV: EE 160



Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6641 STATUS: Process CREATOR: Marie Donohue CREATED: 12/3/10 IN-PROCESS: 2/13/11 WorkFlow	VERSION: REV COURSE: EE2000L - Digital Design with Hardware Description Language Laboratory STUDENT REC TITLE: Dig Design with HDL Lab EFFECTIVE: Fall 2012 COURSE DESC: Hands on experience with CAD Tools, simulation of FPGA's and experiečne with hardware description languages in a laboratory environment. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 SEM PREREQ: WSU Math Placement 04 or MTH 1260 COREQ: EE 2000

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6640 STATUS: Process CREATOR: Marie Donohue CREATED: 12/3/10 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE301 - Circuit Analysis I STUDENT REC TITLE: Circuit Analysis I EFFECTIVE: Winter 2010 COURSE DESC: Basic elements and laws, circuit analysis techniques and concepts, energy storage elements, first and second order circuits, sinusoidal steady state analysis. COLLEGE: College of Egr & Computer Sci CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: (EGR 101 or MTH 230) and PHY 242 QTR EQUIV: EE 301
	VERSION: REV COURSE: EE2010 - Circuit Analysis I STUDENT REC TITLE: Circuit Analysis I EFFECTIVE: Fall 2012 COURSE DESC: Basic elements and laws, circuit analysis techniques and concepts, energy storage elements, first and second order circuits, sinusoidal steady state analysis. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EGR 1010 or MTH 2300 COREQ: EE 2010L XLIST: EE 5010 SPC FEE: Egr&Comp Science Fee (1600), \$90 QTR PREREQ: (EGR 101 or MTH 230) and PHY 242 QTR EQUIV: EE 301

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6642 STATUS: Process CREATOR: Marie Donohue CREATED: 12/3/10 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE302 - Circuit Analysis I Laboratory STUDENT REC TITLE: Circuit Analysis I Lab EFFECTIVE: Winter 2010 COURSE DESC: Computer-assisted analysis, RLC circuits, operational amplifiers and circuits, Thevenin and Norton equivalents, maximum power transfer, and AC networks. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 301 QTR EQUIV: EE 302
	VERSION: REV COURSE: EE2010L - Circuit Analysis I Laboratory STUDENT REC TITLE: Circuit Analysis I Lab EFFECTIVE: Fall 2012 COURSE DESC: Computer-assisted analysis, RLC circuits, operational amplifiers and circuits, Thevenin and Norton equivalents, maximum power transfer, and AC networks. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EGR 1010 or MTH 2300 COREQ: EE 2010 XLIST: EE 5010L SPC FEE: Egr&Comp Science Fee (1600), \$22.5 QTR PREREQ: EE 301 QTR EQUIV: EE 302

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6014 STATUS: Process CREATOR: Marie Donohue CREATED: 10/5/10 IN-PROCESS: 2/13/11 WorkFlow	VERSION: REV COURSE: EE3000 - Solid State Materials for Electronics, Photonics and Micro-Electro-Mechanical-Systems STUDENT REC TITLE: Solid State EE Materials EFFECTIVE: Fall 2012 COURSE DESC: Focuses on the essential physical parameters of solids that make devices so important: elastic and thin-film properties (i.e. MEMS devices); electromechanical, piezoelectric and ferroelectric properties; paramagnetism and ferromagnetism; electron transport properties (metals and semiconductors); electronic bandgap and bandgap engineering; and the essential role of crystallinity in enhancing desired parameters (i.e. dielectric function in ferroelectrics or electron mobility in semiconductors). COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following: College of Egr. and Computer Sci. SEM PREREQ: PHY 2410, PHY 2410L and MTH 2310 XLIST: EE 5000

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
884 STATUS: Process CREATOR: Marie Donohue CREATED: 12/8/09 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE303 - Circuit Analysis II STUDENT REC TITLE: Circuit Analysis II EFFECTIVE: Winter 2010 COURSE DESC: Circuit review, alternating current concepts, computer-aided circuit analysis, two-port networks, power. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 301 and EE 302 QTR EQUIV: EE 303
	VERSION: REV COURSE: EE3030 - Circuit Analysis II STUDENT REC TITLE: Circuit Analysis II EFFECTIVE: Fall 2012 COURSE DESC: Circuit review, alternating current concepts, computer-aided circuit analysis, two-port networks, power. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 2010 and EE 2010L COREQ: EE 3030L XLIST: EE 5030 SPC FEE: Egr&Comp Science Fee (1600), \$67.5 QTR PREREQ: EE 301 and EE 302 QTR EQUIV: EE 303

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
885 STATUS: Process CREATOR: Marie Donohue CREATED: 12/8/09 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE304 - Circuit Analysis II Laboratory STUDENT REC TITLE: Circuit Analysis II Lab EFFECTIVE: Winter 2010 COURSE DESC: Application of AC concepts, computer-aided circuit analysis, two-port networks, and power theory. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 301 and EE 302 and EE 303 (EE 303 can be taken concurrently) QTR EQUIV: EE 304
	VERSION: REV COURSE: EE3030L - Circuit Analysis II Laboratory STUDENT REC TITLE: Circuit Analysis II Lab EFFECTIVE: Fall 2012 COURSE DESC: Application of AC concepts, computer-aided circuit analysis, two-port networks, and power theory. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 2010 and EE 2010L COREQ: EE 3030 XLIST: EE 5030L SPC FEE: Egr&Comp Science Fee (1600), \$22.5 QTR PREREQ: EE 301 and EE 302 and EE 303 (EE 303 can be taken concurrently) QTR EQUIV: EE 304

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
886 STATUS: Process CREATOR: Marie Donohue CREATED: 12/8/09 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE321 - Linear Systems I STUDENT REC TITLE: Linear Systems I EFFECTIVE: Winter 2010 COURSE DESC: Considers systems in a broad context including linear, nonlinear; variant, invariant; and analog and discrete. Various approaches to system and signal modeling are also discussed with emphasis on the Fourier transform technique. COLLEGE: College of Egr & Computer Sci CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 301 and EE 302 QTR EQUIV: EE 321
	VERSION: REV COURSE: EE3210 - Linear Systems I STUDENT REC TITLE: Linear Systems I EFFECTIVE: Fall 2012 COURSE DESC: Continuous-time signals and systems, time domain analysis, Laplace transform, Fourier series, Fourier transform, Bode analysis. Various approaches to system and signal modeling are also discussed. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 2010 XLIST: EE 5210 SPC FEE: Egr&Comp Science Fee (1600), \$90 QTR PREREQ: EE 301 and EE 302 QTR EQUIV: EE 321

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
890 STATUS: Process CREATOR: Marie Donohue CREATED: 12/8/09 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE326 - Random Signals and Noise STUDENT REC TITLE: Random Signals and Noise EFFECTIVE: Winter 2010 COURSE DESC: Provides a practical introduction to the concepts of random events, characterization of stochastic signals, first and second order moment descriptions of random processes, and input/output descriptions of random signals and noise in linear systems. COLLEGE: College of Egr & Computer Sci CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 321 QTR EQUIV: EE 326
	VERSION: REV COURSE: EE4260 - Random Signals and Noise STUDENT REC TITLE: Random Signals and Noise EFFECTIVE: Fall 2012 COURSE DESC: Provides a practical introduction to the concepts of random events, characterization of stochastic signals, first and second order moment descriptions of random processes, and input/output descriptions of random signals and noise in linear systems. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 4000 SPC FEE: Egr&Comp Science Fee (1600), \$90 QTR PREREQ: EE 321 QTR EQUIV: EE 326

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
897 STATUS: Process CREATOR: Marie Donohue CREATED: 12/9/09 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE345 - Electromagnetics STUDENT REC TITLE: Electromagnetics EFFECTIVE: Winter 2010 COURSE DESC: Electrostatics and magnetics; induced electro-motive force. Maxwell equations and their physical interpretation and application. COLLEGE: College of Egr & Computer Sci CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 301 and EE 302 and MTH 232 QTR EQUIV: EE 345
	VERSION: REV COURSE: EE3450 - Introduction to Electromagnetics STUDENT REC TITLE: Intro Electromagnetics EFFECTIVE: Fall 2012 COURSE DESC: Electrostatics and magnetics; induced electro-motive force; Maxwell's equations and their physical interpretation and applications to transmission lines and antennas. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 2010 and MTH 2320 COREQ: EE 3450L XLIST: EE 5450 SPC FEE: Egr&Comp Science Fee (1600), \$90 QTR PREREQ: EE 301 and EE 302 and MTH 232 QTR EQUIV: EE 345



Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6645 STATUS: Process CREATOR: Marie Donohue CREATED: 12/3/10 IN-PROCESS: 2/13/11 WorkFlow	VERSION: REV COURSE: EE3450L - Electromagnetics Laboratory STUDENT REC TITLE: Electromagnetics Lab EFFECTIVE: Fall 2012 COURSE DESC: Hands on experience with Electromagnetic devices, field measurements, and device characterization in a laboratory environment. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 2010, EE 2010L and MTH 2320 COREQ: EE 3450 XLIST: EE 5450L

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6647 STATUS: Process CREATOR: Marie Donohue CREATED: 12/3/10 IN-PROCESS: 2/13/11 WorkFlow	<p>VERSION: CURR</p> <p>COURSE: EE410 - Introduction to Micro-Electro-mechanical Systems (MEMS)</p> <p>STUDENT REC TITLE: Introduction to MEMS</p> <p>EFFECTIVE: Winter 2010</p> <p>COURSE DESC: This course covers the history, design, and fabrication of micro-electro-mechanical systems (MEMS), and the basic operating theory of selected MEMS transducers. Typical fabrication methods covered include surface micromachining, bulk micromachining, and micromolding.</p> <p>COLLEGE: College of Egr & Computer Sci</p> <p>CRED HR: 4 VAR CRED RANGE: -</p> <p>GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture</p> <p>RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci</p> <p>QTR PREREQ: EE 331 and EE 332</p> <p>QTR EQUIV: EE 410</p> <hr/> <p>VERSION: REV</p> <p>COURSE: EE4100 - Micro-Electro-Mechanical Systems I - Microfabrication Engineering</p> <p>STUDENT REC TITLE: MEMS I - Microfab Egr</p> <p>EFFECTIVE: Fall 2012</p> <p>COURSE DESC: This course covers the history, design, and fabrication of CMOS and micro-electro-mechanical systems (MEMS). Typical fabrication methods covered include CMOS front-end-of-line (FEOL), back-end-of-line (BEOL), surface micromachining and bulk micromachining. Typical VLSI devices and selected RF MEMS are covered.</p> <p>COLLEGE: College of Egr & Computer Sci</p> <p>CRED HR: 3 VAR CRED RANGE: 0 - 0</p> <p>GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture</p> <p>REP HRS: 0 REP TIMES: 0</p> <p>RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci</p> <p>SEM PREREQ: EE3000</p> <p>XLIST: EE 6100</p> <p>SPC FEE: Egr&Comp Science Fee (1600), \$90</p> <p>QTR PREREQ: EE 331 and EE 332</p> <p>QTR EQUIV: EE 410</p>

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
901 STATUS: Process CREATOR: Marie Donohue CREATED: 12/9/09 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE412 - Industrial Controls and Automation STUDENT REC TITLE: Industrial Controls/Auto EFFECTIVE: Winter 2010 COURSE DESC: For each student to gain a working knowledge of industrial controls and automation. Focus is on developing an understanding of wiring diagram creation, hardware selection, and programmable logic controller design and operation. Includes laboratory. COLLEGE: College of Egr & Computer Sci CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: (EE 260 or CEG 260) or (EE 401 and EE 402) QTR EQUIV: EE 412
	VERSION: REV COURSE: EE4120 - Industrial Controls and Automation STUDENT REC TITLE: Ind Cont Automation EFFECTIVE: Fall 2012 COURSE DESC: For each student to gain a working knowledge of industrial controls and automation. Focus is on developing an understanding of wiring diagram creation, hardware selection, and programmable logic controller design and operation. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 2000 COREQ: EE 4120L XLIST: EE 6120 SPC FEE: Egr&Comp Science Fee (1600), \$90 QTR PREREQ: (EE 260 or CEG 260) or (EE 401 and EE 402) QTR EQUIV: EE 412

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6648 STATUS: Process CREATOR: Marie Donohue CREATED: 12/3/10 IN-PROCESS: 2/13/11 WorkFlow	VERSION: REV COURSE: EE4120L - Industrial Controls and Automation Laboratory STUDENT REC TITLE: Ind Cont Automation Lab EFFECTIVE: Fall 2012 COURSE DESC: Hands on experience in Industrial Controls, Automated Controls systems, plant modeling and control system performance in a laboratory environment. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Engineering & Computer Science SEM PREREQ: EE 2000 and EE 2000L COREQ: EE 4120 XLIST: EE 6120L

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
907 STATUS: Process CREATOR: Marie Donohue CREATED: 12/9/09 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE420 - Digital Control Systems Laboratory STUDENT REC TITLE: Digital Control Sys Lab EFFECTIVE: Winter 2010 COURSE DESC: Sampling, temperature control, position control on a microprocessor-based system, PLC implementation, quantization, error computational delay, and frequency response. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 415 and EE 416 QTR EQUIV: EE 420
	VERSION: REV COURSE: EE4170L - Digital Control Systems Laboratory STUDENT REC TITLE: Digital Cont Sys Lab EFFECTIVE: Fall 2012 COURSE DESC: Application and testing of control systems theory with electromechanical systems. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 4130 and EE 4130L COREQ: EE 4170 XLIST: EE 6170L SPC FEE: Egr&Comp Science Fee (1600), \$22.5 QTR PREREQ: EE 415 and EE 416 QTR EQUIV: EE 420

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6650 STATUS: Process CREATOR: Marie Donohue CREATED: 12/3/10 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE419L - Introduction to Fuzzy Logic Control Laboratory STUDENT REC TITLE: Intro Fuzzy Log Ctrl Lab EFFECTIVE: Winter 2010 COURSE DESC: Required laboratory for EE 419. COLLEGE: College of Egr & Computer Sci CRED HR: 0 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: EE 419L
	VERSION: REV COURSE: EE4190L - Introduction to Intelligent Control Laboratory STUDENT REC TITLE: Intro Intel Cont Sys Lab EFFECTIVE: Fall 2012 COURSE DESC: Implements intelligent control strategies on systems and subsystems in industrial and engineering applications. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 4130 and EE 4130L COREQ: EE 4190 XLIST: EE 6190L QTR EQUIV: EE 419L

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6651 STATUS: Process CREATOR: Marie Donohue CREATED: 12/3/10 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE421 - Digital Communication STUDENT REC TITLE: Digital Communication EFFECTIVE: Winter 2010 COURSE DESC: This course provides an introduction to digital communications. Topics include: source coding, pulse shaping, digital modulation/demodulation, signal detection and optimal receiver. Simulation of digital communication systems is an integral part of this course. COLLEGE: College of Egr & Computer Sci CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 321 QTR EQUIV: EE 421
	VERSION: REV COURSE: EE4210 - Digital Communication STUDENT REC TITLE: Digital Comm EFFECTIVE: Fall 2012 COURSE DESC: This course provides an introduction to digital communications. Topics include: analog communication vs digital communication, source coding, pulse shaping, digital modulation/demodulation, signal detection and optimal receiver. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 3210 COREQ: EE 4210L XLIST: EE 6210 SPC FEE: Egr&Comp Science Fee (1600), \$90 QTR PREREQ: EE 321 QTR EQUIV: EE 421



Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6652 STATUS: Process CREATOR: Marie Donohue CREATED: 12/3/10 IN-PROCESS: 2/13/11 WorkFlow	VERSION: REV COURSE: EE4210L - Digital Communication Laboratory STUDENT REC TITLE: Digital Comm Lab EFFECTIVE: Fall 2012 COURSE DESC: Hands on experience with modulation/demodulation modules and experimentation with representative communication system in a laboratory environment. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 3210 COREQ: EE 4210 XLIST: EE 6210L

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
919 STATUS: Process CREATOR: Marie Donohue CREATED: 12/9/09 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE436 - Digital signal Processing: Theory, Application and Implementation STUDENT REC TITLE: Digital Signal Prcsng EFFECTIVE: Winter 2010 COURSE DESC: Introduces the principles and applications of digital signal processing (DSP) from the design and implementation perspective. Topics include analog-to-digital/digital-to-analog converters and digital filters, Fourier analysis algorithms, and real-time applications, all implemented on a TMS320C30 floating point DSP chip. COLLEGE: College of Egr & Computer Sci CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 322 and CEG 221 QTR EQUIV: EE 436
	VERSION: REV COURSE: EE4360 - Digital Signal Processing: Theory, Application and Implementation STUDENT REC TITLE: Digital Signal Proc EFFECTIVE: Fall 2012 COURSE DESC: Introduces the principles and applications of digital signal processing (DSP) from the design and implementation perspective. Introduction to advanced digital signal processing design concepts. Focus on time and frequency domain algorithms. Methods include multirate signal processing, filter banks, time-frequency analysis, and wavelets. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 4000 XLIST: EE 6360 SPC FEE: Egr&Comp Science Fee (1600), \$90 QTR PREREQ: EE 322 and CEG 221 QTR EQUIV: EE 436

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6653 STATUS: Process CREATOR: Marie Donohue CREATED: 12/3/10 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE442 - Transmission Lines, Waveguides and Radiating Systems STUDENT REC TITLE: Tran Lines Waveguides Ant EFFECTIVE: Winter 2010 COURSE DESC: Plane waves in free space and matter. Transmission line equations and application of Smith chart. Wave propagation in rectangular waveguides. Introduction to radiating systems, including dipole and loop antennas. Rudimentary design of typical systems containing transmission lines, waveguides, and antennas. COLLEGE: College of Egr & Computer Sci CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 345 QTR EQUIV: EE 442
	VERSION: REV COURSE: EE4420 - Microwave Engineering I - Passive Components STUDENT REC TITLE: Microwave EGR I EFFECTIVE: Fall 2012 COURSE DESC: Transmission line theory and application, wave propagation in rectangular waveguides, microwave network analysis, matching network, design of microwave filter and resonator, and introduction of electromagnetic compatibility. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 3450 and EE 3450L COREQ: EE 4420L XLIST: EE 6420 SPC FEE: Egr&Comp Science Fee (1600), \$90 QTR PREREQ: EE 345 QTR EQUIV: EE 442



Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6654 STATUS: Process CREATOR: Marie Donohue CREATED: 12/3/10 IN-PROCESS: 2/13/11 WorkFlow	VERSION: REV COURSE: EE4420L - Microwave Engineering I - Passive Components Laboratory STUDENT REC TITLE: Microwave EGR I Lab EFFECTIVE: Fall 2012 COURSE DESC: Hands on experience with microwave devices, microwave testing equipment and representative microwave systems in a laboratory environment. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 3450 and EE 3450L COREQ: EE 4420 XLIST: EE 6420L

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6655 STATUS: Process CREATOR: Marie Donohue CREATED: 12/3/10 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE444 - Linear Integrated Systems STUDENT REC TITLE: Linear Integer Circuits EFFECTIVE: Winter 2010 COURSE DESC: Theory and applications of linear integrated circuits. Topics include ideal and real operational amplifiers, frequency response and compensation, active filters, comparators, and waveform generators. Three hours lecture, two hours lab. COLLEGE: College of Egr & Computer Sci CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 431 and EE 432 QTR EQUIV: EE 444
	VERSION: REV COURSE: EE4440 - Electronic Integrated Systems STUDENT REC TITLE: Elec Integ Systems EFFECTIVE: Fall 2012 COURSE DESC: Theory and applications of integrated circuits. Topics include bipolar and field effect transistor amplifier analysis and design, multi-stage and feed back amplifiers, ideal and real operational amplifiers, frequency response and compensation, active filters, comparators, and waveform generators. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 3210, EE 3310 and EE 3310L COREQ: EE 4440L XLIST: EE 6440 SPC FEE: Egr&Comp Science Fee (1600), \$90 QTR PREREQ: EE 431 and EE 432 QTR EQUIV: EE 444

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6656 STATUS: Process CREATOR: Marie Donohue CREATED: 12/3/10 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE444L - Linear Integrated Circuits Laboratory STUDENT REC TITLE: Linear Integ Circuits Lab EFFECTIVE: Winter 2010 COURSE DESC: Required laboratory for EE 444. COLLEGE: College of Egr & Computer Sci CRED HR: 0 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: EE 444L
	VERSION: REV COURSE: EE4440L - Electronic Integrated Systems Laboratory STUDENT REC TITLE: Elec Integ Systems Lab EFFECTIVE: Fall 2012 COURSE DESC: Hands on experience with Electronic Integrated components, subsystems and systems in a laboratory environment. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 3210, EE 3310 and EE 3310L COREQ: EE 4440 XLIST: EE 6440L QTR EQUIV: EE 444L

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6657 STATUS: Process CREATOR: Marie Donohue CREATED: 12/3/10 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE446 - Microwave Circuit Design STUDENT REC TITLE: Microwave Circuit Design EFFECTIVE: Winter 2010 COURSE DESC: Review of Smith chart, introduction to microstrip lines, impedance matching, power gain equations, stability considerations, and design methods for amplifiers and oscillators. CAD is used. COLLEGE: College of Egr & Computer Sci CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 346 QTR EQUIV: EE 446
	VERSION: REV COURSE: EE4460 - Microwave Engineering II - Active Components and Circuits STUDENT REC TITLE: Microwave EGR II EFFECTIVE: Fall 2012 COURSE DESC: Fundamental of RF active components; Modeling of RF active components; Design impedance matching network; Microwave transistor amplifier design; Microwave transistor oscillator and mixer design; Introduction to microwave system. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 4420 and EE 4420L COREQ: EE 4460L XLIST: EE 6460 SPC FEE: Egr&Comp Science Fee (1600), \$90 QTR PREREQ: EE 346 QTR EQUIV: EE 446

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6658 STATUS: Process CREATOR: Marie Donohue CREATED: 12/3/10 IN-PROCESS: 2/13/11 WorkFlow	VERSION: REV COURSE: EE4460L - Microwave Engineering II - Active Components and Circuits Laboratory STUDENT REC TITLE: Microwave EGR II Lab EFFECTIVE: Fall 2012 COURSE DESC: Hands on experience with active component microwave devices, subsystems, and systems in a laboratory environment. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 4420 and EE 4420L COREQ: EE 4460 XLIST: EE 6460L

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6659 STATUS: Process CREATOR: Marie Donohue CREATED: 12/3/10 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE447 - Antenna Theory and Design STUDENT REC TITLE: Antenna Theory &Design EFFECTIVE: Winter 2010 COURSE DESC: Linear dipole antennas, antenna arrays, thin-wire antennas, moment method analysis examples (vee dipole, folded dipole, etc.), and broadband and frequency-independent antennas. Computer-aided design and analysis of wire antennas, feed networks, and antenna arrays using antenna CAD software. COLLEGE: College of Egr & Computer Sci CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 346 QTR EQUIV: EE 447
	VERSION: REV COURSE: EE4470 - Antenna Theory and Design STUDENT REC TITLE: Antenna Theory & Design EFFECTIVE: Fall 2012 COURSE DESC: Linear dipole antennas, antenna arrays, thin-wire antennas, moment method analysis examples (vee dipole, folded dipole, etc.), and broadband and frequency-independent antennas. Computer-aided design and analysis of wire antennas, feed networks, and antenna arrays using antenna CAD software. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 4420 and EE 4420L COREQ: EE 4470L XLIST: EE 6470 SPC FEE: Egr&Comp Science Fee (1600), \$90 QTR PREREQ: EE 346 QTR EQUIV: EE 447

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6660 STATUS: Process CREATOR: Marie Donohue CREATED: 12/3/10 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE447L - Antenna Thry &Desgn Lab STUDENT REC TITLE: Antenna Thry &Desgn Lab EFFECTIVE: Winter 2010 COURSE DESC: Required laboratory for EE 447. COLLEGE: College of Egr & Computer Sci CRED HR: 0 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab QTR EQUIV: EE 447L
	VERSION: REV COURSE: EE4470L - Antenna Theory and Design Lab STUDENT REC TITLE: Antenna Thry Design Lab EFFECTIVE: Fall 2012 COURSE DESC: Hands one experience and fabrication of antenna elements with evaluation of antenna performance in a laboratory environment. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 4420 and EE 4420L COREQ: EE 4470 XLIST: EE 6470L QTR EQUIV: EE 447L

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6662 STATUS: Process CREATOR: Marie Donohue CREATED: 12/3/10 IN-PROCESS: 2/13/11 WorkFlow	<p>VERSION: CURR</p> <p>COURSE: EE454 - VLSI Design</p> <p>STUDENT REC TITLE: VLSI Design</p> <p>EFFECTIVE: Winter 2010</p> <p>COURSE DESC: (Also listed as CEG 454.) Introduction to VLSI system design. Topics include CMOS devices and circuit design techniques, basic building blocks for CMOS design, fabrication processing and design rules, chip planning and layout, system timing and power dissipation, simulation for VLSI design, and signal processing with VLSI.</p> <p>COLLEGE: College of Egr & Computer Sci</p> <p>CRED HR: 4 VAR CRED RANGE: -</p> <p>GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture</p> <p>RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci</p> <p>QTR PREREQ: EE 451 or CEG 360</p> <p>QTR EQUIV: EE 454</p> <hr/> <p>VERSION: REV</p> <p>COURSE: EE4540 - Very Large Scale Integrated Circuit Design</p> <p>STUDENT REC TITLE: VLSI Design</p> <p>EFFECTIVE: Fall 2012</p> <p>COURSE DESC: Introduction to VLSI system and subsystem design. Topics include CMOS devices and circuit design techniques, basic building blocks for CMOS design, fabrication processing and design rules, chip planning and layout, basic system subcomponents (adders, subtractors, ALUs, and others), system timing and power dissipation, simulation for VLSI design, and signal processing with VLSI.</p> <p>COLLEGE: College of Egr & Computer Sci</p> <p>CRED HR: 3 VAR CRED RANGE: 0 - 0</p> <p>GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture</p> <p>REP HRS: 0 REP TIMES: 0</p> <p>RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci</p> <p>SEM PREREQ: EE 2000 and EE 2000L</p> <p>COREQ: EE 4540L</p> <p>XLIST: EE 6540</p> <p>SPC FEE: Egr&Comp Science Fee (1600), \$90</p> <p>QTR PREREQ: EE 451 or CEG 360</p> <p>QTR EQUIV: EE 454</p>

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6663 STATUS: Process CREATOR: Marie Donohue CREATED: 12/3/10 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE454L - VLSI Design Laboratory STUDENT REC TITLE: VLSI Design Lab EFFECTIVE: Winter 2010 COURSE DESC: Required laboratory for EE 454. COLLEGE: College of Egr & Computer Sci CRED HR: 0 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: EE 454L
	VERSION: REV COURSE: EE4540L - Very Large Scale Integrated Circuit Design Laboratory STUDENT REC TITLE: VLSI Design Lab EFFECTIVE: Fall 2012 COURSE DESC: Work station based experience designing asic devices for evaluation and testing. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 2000 and EE 2000L COREQ: EE 4540 XLIST: EE 6540L QTR EQUIV: EE 454L

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
937 STATUS: Process CREATOR: Marie Donohue CREATED: 12/9/09 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE456L - Intro to Robitics Lab STUDENT REC TITLE: Intro to Robitics Lab EFFECTIVE: Winter 2010 COURSE DESC: Required laboratory for EE 456. COLLEGE: College of Egr & Computer Sci CRED HR: 0 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab QTR EQUIV: EE 456L
	VERSION: REV COURSE: EE4560L - Introduction to Robotics Lab STUDENT REC TITLE: Intro Robotics Lab EFFECTIVE: Fall 2012 COURSE DESC: First exposure to plant moduling and controller design to realize elementary control strategies in a laboratory environment. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Engineering & Computer Science May not be enrolled as the following Classifications: Sophomore or Freshman COREQ: EE 4560 XLIST: EE 6560L QTR EQUIV: EE 456L

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
<p>938 STATUS: Process CREATOR: Marie Donohue CREATED: 12/9/09 IN-PROCESS: 2/13/11 WorkFlow</p>	<p>VERSION: CURR COURSE: EE462 - Digital Integrated Circuit Design with PLDs and FPGAs STUDENT REC TITLE: Ckt Dsgn e PLDs & FPGAs EFFECTIVE: Winter 2010 COURSE DESC: (Also listed as CEG 458.) Design and application of digital integrated circuits using programmable logic devices (PLDs) and field programmable gate arrays (FPGAs). A commercial set of CAD tools (Mentor Graphics and Xilinx) will be used in the laboratory portion of the course. COLLEGE: College of Egr & Computer Sci CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CEG 360 or EE 451 QTR EQUIV: EE 462</p> <hr/> <p>VERSION: REV COURSE: EE4620 - Digital Integrated Circuit Design with PLDs and FPGAs STUDENT REC TITLE: Dig Integ Ckt Design EFFECTIVE: Fall 2012 COURSE DESC: Digital design with behavioral level VHDL; application of VHDL to the design, analysis, and synthesis of digital integrated circuits; field programmable gate arrays (FPGAs) and design and application of digital integrated circuits using FPGA's. CAD tools, devices and boards will be used in the lab portion of the course. Topics include registers, counters, memory devices, register-level design, microcomputer system organization. Students must show competency in design of digital systems. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 2000 and EE 2000L COREQ: EE 4620L XLIST: EE 6620 SPC FEE: Egr&Comp Science Fee (1600), \$90 QTR PREREQ: CEG 360 or EE 451 QTR EQUIV: EE 462</p>

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
939 STATUS: Process CREATOR: Marie Donohue CREATED: 12/9/09 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE462L - Ckt Des PLDs & FPGAs Lab STUDENT REC TITLE: Ckt Des PLDs & FPGAs Lab EFFECTIVE: Winter 2010 COURSE DESC: Required laboratory for EE 462. COLLEGE: College of Egr & Computer Sci CRED HR: 0 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab QTR EQUIV: EE 462L
	VERSION: REV COURSE: EE4620L - Digital Integrated Circuit Design with PLDs & FPGAs Lab STUDENT REC TITLE: Dig Integ Ckt Design Lab EFFECTIVE: Fall 2012 COURSE DESC: Realizations, testing and evaluation of digital integrated circuits with particular emphasis on programmable logic devices. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 2000 COREQ: EE 4620 XLIST: EE 6620L QTR EQUIV: EE 462L

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
940 STATUS: Process CREATOR: Marie Donohue CREATED: 12/9/09 IN-PROCESS: 2/13/11 WorkFlow	<p>VERSION: CURR COURSE: EE470 - Introduction to Sensors STUDENT REC TITLE: Introduction to Sensors EFFECTIVE: Winter 2010 COURSE DESC: The course offers and overview of basic sensor technology to provide the engineering student with practical working knowledge of sensors. Course will include basic operating principles, basic electronics and measurement principles. COLLEGE: College of Egr & Computer Sci CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 303 or PHY 315 QTR EQUIV: EE 470</p> <hr/> <p>VERSION: REV COURSE: EE4700 - Micro-Electro-Mechanical Systems II - Sensors STUDENT REC TITLE: MEMS II - Sensors EFFECTIVE: Fall 2012 COURSE DESC: The course offers an overview of basic sensor technology to provide the engineering student with practical working knowledge of sensors. Course will include basic operating principles, basic electronics and measurement principles. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 2010 or PHY 3150 COREQ: EE 4700L XLIST: EE 6700 SPC FEE: Egr&Comp Science Fee (1600), \$90 QTR PREREQ: EE 303 or PHY 315 QTR EQUIV: EE 470</p>

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
941 STATUS: Process CREATOR: Marie Donohue CREATED: 12/9/09 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE470L - Introduction to Sensors Lab STUDENT REC TITLE: Introduction to Sensors Lab EFFECTIVE: Winter 2010 COURSE DESC: COLLEGE: College of Egr & Computer Sci CRED HR: 0 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab QTR EQUIV: EE 470L
	VERSION: REV COURSE: EE4700L - Micro-Electro-Mechanical Systems II - Sensors Laboratory STUDENT REC TITLE: MEMS II - Sensors Lab EFFECTIVE: Fall 2012 COURSE DESC: Experimental design, realization and testing of MEMS devices with emphasis on sensing applications. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr and Computer Sci SEM PREREQ: EE 2010 or PHY 3150 COREQ: EE 4700 XLIST: EE 6700L QTR EQUIV: EE 470L

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
942 STATUS: Process CREATOR: Marie Donohue CREATED: 12/9/09 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE473 - Wireless Communication I STUDENT REC TITLE: Wireless Communication I EFFECTIVE: Winter 2010 COURSE DESC: This course provides an introduction to wireless communication. Topics include: cellular network concept, wireless communication channel and multi-path fading, digital modulation/demodulation techniques, performance analysis, equalization, diversity and RAKE receiver and wireless communication system simulation. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 421 and STT 363 QTR EQUIV: EE 473
	VERSION: REV COURSE: EE4730 - Wireless Communication STUDENT REC TITLE: Wireless Comm EFFECTIVE: Fall 2012 COURSE DESC: This course offers an overview of various topics of wireless communication. Topics include: cellular network concept, wireless communication channel and multi-path fading, digital modulation/demodulation techniques for wireless communication, performance analysis, equalization, diversity and RAKE receiver, spreading spectrum technology and CDMA, cognitive radio and dynamic spectrum access, and wireless communication system simulation. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 4210 and EE 4260 COREQ: EE 4730L XLIST: EE 6730 SPC FEE: Egr&Comp Science Fee (1600), \$67.5 QTR PREREQ: EE 421 and STT 363 QTR EQUIV: EE 473

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
943 STATUS: Process CREATOR: Marie Donohue CREATED: 12/9/09 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE473L - Communication Systems Design I Laboratory STUDENT REC TITLE: Communic Sys Desgn I Lab EFFECTIVE: Winter 2010 COURSE DESC: Required laboratory for EE 473. COLLEGE: College of Egr & Computer Sci CRED HR: 0 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: EE 473L
	VERSION: REV COURSE: EE4730L - Wireless Communication Laboratory STUDENT REC TITLE: Wireless Comm Lab EFFECTIVE: Fall 2012 COURSE DESC: Application rich environment that realized the important modulation, demodulation and decision schemes that are the foundation of wireless communication. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 4210 and EE 3260 COREQ: EE 4730 XLIST: EE 6730L QTR EQUIV: EE 473L

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
944 STATUS: Process CREATOR: Marie Donohue CREATED: 12/9/09 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE475 - Introduction to Radar Systems STUDENT REC TITLE: Intro to Radar Systems EFFECTIVE: Winter 2010 COURSE DESC: Study of the radar equation, antenna patterns, target cross sections and system losses, radar measurements, pulse Doppler and coherent techniques, detection probability and signal-to-noise ratio, side lobe clutter, synthetic arrays, and pulse compression techniques. COLLEGE: College of Egr & Computer Sci CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci May not be enrolled as the following Classifications: Junior Sophomore Freshman QTR PREREQ: EE 322 QTR EQUIV: EE 475
	VERSION: REV COURSE: EE4750 - Introduction to Radar Systems STUDENT REC TITLE: Intro to Radar Systems EFFECTIVE: Fall 2012 COURSE DESC: Study of the radar equation, antenna patterns, target cross sections and system losses, radar measurements, pulse Doppler and coherent techniques, detection probability and signal-to-noise ratio, side lobe clutter, synthetic arrays, and pulse compression techniques. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci Must be enrolled as a Senior. SEM PREREQ: EE 4000 XLIST: EE 6750 SPC FEE: Egr&Comp Science Fee (1600), \$90 QTR PREREQ: EE 322 QTR EQUIV: EE 475

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
948 STATUS: Process CREATOR: Marie Donohue CREATED: 12/9/09 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE482 - Electrical Engineering Senior Design Project II STUDENT REC TITLE: EE Sr. Design Project II EFFECTIVE: Winter 2010 COURSE DESC: A project-oriented design course integrating design methodology with the principles of major electrical engineering disciplines. The course involves project planning and management, design specifications, implementation, testing and evaluations, electronic documentation, written and oral reports. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 481 QTR EQUIV: EE 482
	VERSION: REV COURSE: EE4920 - Electrical Engineering Senior Design Project II STUDENT REC TITLE: Elec Eng Senior Des II EFFECTIVE: Fall 2012 COURSE DESC: A project-oriented design course integrating design methodology with the principles of major electrical engineering disciplines. The course involves project planning and management, design specifications, implementation, testing and evaluations, electronic documentation, written and oral reports. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 4810 COREQ: EE 4820W SPC FEE: Egr&Comp Science Fee (1600), \$67.5 QTR PREREQ: EE 481 QTR EQUIV: EE 482

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
950 STATUS: Process CREATOR: Marie Donohue CREATED: 12/9/09 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: EE499 - Special Problems in Electrical Engineering STUDENT REC TITLE: Special Problems in EE EFFECTIVE: Winter 2010 COURSE DESC: Special problems in advanced engineering. Topics vary. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Independent Study RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV COURSE: EE4990 - Special Problems in Electrical Engineering STUDENT REC TITLE: Special Problems in EE EFFECTIVE: Fall 2012 COURSE DESC: Special problems in advanced engineering. Topics vary. COLLEGE: College of Egr & Computer Sci CRED HR: 1 VAR CRED RANGE: 1 - 3 GRADE SYS: O LEVEL: Undergraduate COURSE TYPE: Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SPC FEE: Egr&Comp Science Fee (1600), \$22.5

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6158 STATUS: Process CREATOR: David Dominic CREATED: 10/11/10 IN-PROCESS: 2/17/11 WorkFlow	VERSION: CURR COURSE: EES324 - Oceanography STUDENT REC TITLE: Oceanography EFFECTIVE: Winter 2011 COURSE DESC: Fundamentals of oceanography for students with an understanding of scientific principles. The course includes content that is needed by earth science teachers. Students will use the Internet and some basic computer applications. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR EQUIV: EES 324
	VERSION: REV COURSE: EES3230 - Introduction to the Ocean STUDENT REC TITLE: Intro to the Ocean EFFECTIVE: Fall 2012 COURSE DESC: Fundamental principles and processes of oceanography for students with background in geology. Emphasizes topics of interest to Earth Science teachers. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: EES 324

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6627 STATUS: Process CREATOR: David Dominic CREATED: 11/30/10 IN-PROCESS: 2/17/11 WorkFlow	VERSION: CURR COURSE: EES428 - Earth & Environmental Sciences Colloquium STUDENT REC TITLE: Earth & Env Sci Coloquium EFFECTIVE: Winter 2011 COURSE DESC: Selected geological topics discussed by students, guest speakers, and faculty. May be taken for letter grade or pass/unsatisfactory. COLLEGE: College of Science & Math CRED HR: 0.500 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR EQUIV: EES 428
	VERSION: REV COURSE: EES4280 - Earth and Environmental Sciences Colloquium STUDENT REC TITLE: EES Colloquium EFFECTIVE: Fall 2012 COURSE DESC: Weekly seminar in which research scientists from within and from outside the Department of Earth and Environmental Sciences present their research. COLLEGE: College of Science & Math CRED HR: 0.500 VAR CRED RANGE: 0 - 0 GRADE SYS: P LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 2 REP TIMES: 4 XLIST: EES 6280 QTR EQUIV: EES 428

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3797 STATUS: Process CREATOR: David Dominic CREATED: 6/16/10 IN-PROCESS: 2/17/11 WorkFlow	VERSION: CURR COURSE: EES444 - Formation Analysis STUDENT REC TITLE: Formation Analysis EFFECTIVE: Fall 2010 COURSE DESC: Theory, application, and interpretation of geophysical logs with emphasis on their use in correlation and determination of porosity, permeability, and fluid content of subsurface formations. Three hours lecture, two hours lab. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: EES 316 or EES 417 QTR EQUIV: EES 444
	VERSION: REV COURSE: EES4440 - Geophysical Well Log Analysis STUDENT REC TITLE: Well Log Analysis EFFECTIVE: Fall 2012 COURSE DESC: Theory, application, and interpretation of geophysical logs with emphasis on their use in correlation and determination of porosity, permeability, and fluid content of subsurface formations. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: EES 3160 XLIST: EES 6440 QTR PREREQ: EES 316 or EES 417 QTR EQUIV: EES 444

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7414 STATUS: Process CREATOR: Laura Buerschen CREATED: 2/11/11 IN-PROCESS: 2/15/11 WorkFlow	VERSION: CURR COURSE: EXB466 - Internship in Exercise Biology STUDENT REC TITLE: Internship Exercise Bio EFFECTIVE: Spring 2011 COURSE DESC: Designed to involve exercise science students in a culminating practicum experience in their field of study during their senior year. The experience involved work site training or a research project. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Internship QTR PREREQ: EXB 260 and EXB 354 and EXB 452 and EXB 455 QTR EQUIV: EXB 466
	VERSION: REV COURSE: EXB4660 - Internship in Exercise Biology STUDENT REC TITLE: Internship Exercise Bio EFFECTIVE: Fall 2012 COURSE DESC: A capstone practicum experience for exercise science students in their field of study, involving work site training or a research project. COLLEGE: College of Science & Math CRED HR: 0 VAR CRED RANGE: 1 - 6 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Internship REP HRS: 6 REP TIMES: 0 RESTRICTION: Department Permission required ADD INFO: Original Enrollment Restrictions: "Minimum GPA of 3.0. CPR certification required. Maintain Liability insurance. Junior Standing. Permission of Instructor." QTR PREREQ: EXB 260 and EXB 354 and EXB 452 and EXB 455 QTR EQUIV: EXB 466

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7448 STATUS: Process CREATOR: Bonnie Mathies CREATED: 2/16/11 IN-PROCESS: 2/18/11 WorkFlow	VERSION: CURR COURSE: FAS387 - Practicum II STUDENT REC TITLE: Practicum II EFFECTIVE: Spring 2011 COURSE DESC: Individual supervised learning experiences and on-site seminars under the direction of instructor and site staff. COLLEGE: Wright State Lake Campus CRED HR: 1 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Practicum QTR EQUIV: FAS 387
	VERSION: REV COURSE: FAS3870 - Practicum II STUDENT REC TITLE: null EFFECTIVE: Fall 2012 COURSE DESC: Individualized, supervised learning experience including on-site seminars under the direction of the instructor and on-site staff. COLLEGE: College of Ed & Human Services CRED HR: 0 VAR CRED RANGE: 1 - 12 GRADE SYS: O LEVEL: Undergraduate COURSE TYPE: Internship REP HRS: 12 REP TIMES: 12 SEM PREREQ: FAS 2870 QTR EQUIV: FAS 387

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6047 STATUS: Process CREATOR: Jennifer Subban CREATED: 10/6/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: GEO343 - Geo-Spatial Applications in Urban Geography STUDENT REC TITLE: Geo-Spatial Applications EFFECTIVE: Winter 2011 COURSE DESC: Examination of selected concepts, generalizations, and research methods of urban geography with emphasis on the spatial structure of residential populations, distribution of social pathologies, and segregation of social groups. COLLEGE: College of Liberal Arts CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: GEO 202 QTR EQUIV: GEO 343
	VERSION: REV COURSE: GEO3600 - Concepts of Geo-Spatial Mapping STUDENT REC TITLE: Geo-Spatial Mapping EFFECTIVE: Fall 2012 COURSE DESC: Study of geo-spatial concepts to analyze data. Utilizes freeware to map and interpret social, economic, political, and demographic data. Designed for majors and future professionals in education, planning, marketing, and other fields. COLLEGE: College of Liberal Arts CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 QTR PREREQ: GEO 202 QTR EQUIV: GEO 343

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7242 STATUS: Process CREATOR: Jennifer Subban CREATED: 2/1/11 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: GEO441 - Sem in Urban Geography STUDENT REC TITLE: Sem in Urban Geography EFFECTIVE: Spring 2011 COURSE DESC: Geographic perspective in the study of cities. Recent developments in theory, method, and techniques in urban geographic research with emphasis on the behavioral approach. COLLEGE: College of Liberal Arts CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar QTR PREREQ: GEO 340 QTR EQUIV: GEO 441
	VERSION: REV COURSE: GEO4500 - Seminar in Urban Geography STUDENT REC TITLE: Sem. in Urban Geography EFFECTIVE: Fall 2012 COURSE DESC: Geographic perspectives of urban development. Topics vary from current issues to advances in theory and methods. COLLEGE: College of Liberal Arts CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: senior. QTR PREREQ: GEO 340 QTR EQUIV: GEO 441

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2463 STATUS: Process CREATOR: Barbara Cwirka CREATED: 3/24/10 IN-PROCESS: 2/11/11 WorkFlow	VERSION: CURR COURSE: HED485 - Foundations of Teaching Health Education II STUDENT REC TITLE: Foundation Teach Hlth II EFFECTIVE: Spring 2010 COURSE DESC: This culminating experience has students apply health education pedagogical skills through the development of a comprehensive health education unit and resource plan. COLLEGE: College of Ed & Human Services CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Majors: Athletic Training K-12: Physical Education QTR PREREQ: HED 385 QTR EQUIV: HED 485
	VERSION: REV COURSE: HED4485 - Foundations of Teaching Health Education II STUDENT REC TITLE: Foundations Hlth Educ II EFFECTIVE: Fall 2012 COURSE DESC: This course is designed to engage the pre-service teacher in a variety of health education simulations, based upon the skills needed to become an exemplary educator. This course seeks to provide experiences that require the student to apply skills learned in Foundations of Health Education I. COLLEGE: College of Ed & Human Services CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be admitted as a Health and Physical Education licensure candidate. SEM PREREQ: HED 3385 QTR PREREQ: HED 385 QTR EQUIV: HED 485

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3401 STATUS: Process CREATOR: Barbara Cwirka CREATED: 5/21/10 IN-PROCESS: 2/10/11 WorkFlow	VERSION: CURR COURSE: HPR261 - Athletic Training STUDENT REC TITLE: Athletic Training EFFECTIVE: Fall 2010 COURSE DESC: Introductory course in the field of athletic training and sports medicine pertinent to health and physical education. COLLEGE: College of Ed & Human Services CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR EQUIV: HPR 261
	VERSION: REV COURSE: HPR2610 - Athletic Training STUDENT REC TITLE: Athletic Training EFFECTIVE: Fall 2012 COURSE DESC: Introductory course in the field of athletic training and sports medicine pertinent to health and physical education. COLLEGE: College of Ed & Human Services CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 QTR EQUIV: HPR 261

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2452 STATUS: Process CREATOR: Barbara Cwirka CREATED: 3/23/10 IN-PROCESS: 2/11/11 WorkFlow	VERSION: CURR COURSE: HPR430 - Coaching Theory STUDENT REC TITLE: Coaching Theory EFFECTIVE: Spring 2010 COURSE DESC: Theory, methods, skills, strategies, organization, psychology, ethics, conditioning, and general aspects of teaching and coaching a particular sport. Typical sports covered include baseball, basketball, and soccer. COLLEGE: College of Ed & Human Services CRED HR: 1 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture
	VERSION: REV COURSE: HPR4300 - Coaching Theory STUDENT REC TITLE: Coaching Theory EFFECTIVE: Fall 2012 COURSE DESC: Theory, methods, skills, strategies, organization, psychology, ethics, conditioning, and general aspects of teaching and coaching a particular sport. Typical sports covered include baseball, basketball, and soccer. COLLEGE: College of Ed & Human Services CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0



Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7433 STATUS: Process CREATOR: Bonnie Mathies CREATED: 2/15/11 IN-PROCESS: 2/18/11 WorkFlow	VERSION: REV COURSE: IT2020 - Photoshop II STUDENT REC TITLE: Photoshop II EFFECTIVE: Fall 2012 COURSE DESC: Topics covered will include color harmonies, color value and saturation, color studies, various illusions created by contrast, value and saturation; advanced tools and techniques. COLLEGE: Wright State Lake Campus CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 SEM PREREQ: IT 2010

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4530 STATUS: Process CREATOR: Joseph Slater CREATED: 8/18/10 IN-PROCESS: 2/13/11 WorkFlow	VERSION: CURR COURSE: ME410 - Computational Methods for Mechanical Engineering STUDENT REC TITLE: Comp Meth for Mech Engr EFFECTIVE: Fall 2010 COURSE DESC: Combines material learned in statics, dynamics, thermodynamics, fluid mechanics, and heat transfer and applied them to the design of mechanical systems using numerical methods. COLLEGE: College of Egr & Computer Sci CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: ME 318 and ME 360 QTR EQUIV: ME 410
	VERSION: REV COURSE: ME4010 - Computational Methods for Mechanical Engineering STUDENT REC TITLE: Comp Meth for Mech Engr EFFECTIVE: Fall 2012 COURSE DESC: Combines material learned in statics, dynamics, thermodynamics, fluid mechanics, and heat transfer and applies them to the design of mechanical systems using numerical methods. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: ME 3360 and ME 3210 XLIST: ME 6010 QTR PREREQ: ME 318 and ME 360 QTR EQUIV: ME 410



Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1415 STATUS: Process CREATOR: Joseph Slater CREATED: 12/28/09 IN-PROCESS: 2/13/11 WorkFlow	VERSION: REV COURSE: ME4870 - Machining STUDENT REC TITLE: Machining EFFECTIVE: Fall 2012 COURSE DESC: Fundamentals of machining with an emphasis on engineering models of machinability, chip formation, cutting forces and power, and lubrication. Introduction to numerical control machining. Two hours lecture, two hours lab. COLLEGE: College of Egr & Computer Sci CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 2700 QTR PREREQ: ME 371 QTR EQUIV: ME 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7413 STATUS: Process CREATOR: David Barr CREATED: 2/11/11 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PHL472 - Philosophy of Social Science STUDENT REC TITLE: Philosophy of Social Science EFFECTIVE: Spring 2011 COURSE DESC: Analysis of views concerning concept and theory formation in the social sciences, problems in objectivity and value, justification of Verstehen, mechanism vs. teleological explanations, and reductionism. COLLEGE: College of Liberal Arts CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR EQUIV: PHL 472
	VERSION: REV COURSE: PHL4720 - Philosophy of Social Science STUDENT REC TITLE: Philosophy of Social Sci EFFECTIVE: Fall 2012 COURSE DESC: Analysis of views concerning concept and theory formation in the social sciences, problems in objectivity and value, justification of Verstehen, mechanism vs. teleological explanations, and reductionism. COLLEGE: College of Liberal Arts CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: PHL 472

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4221 STATUS: Process CREATOR: Jerry Clark CREATED: 7/13/10 IN-PROCESS: 2/14/11 WorkFlow	VERSION: CURR COURSE: PHY105 - Sounds and Colors STUDENT REC TITLE: Sounds and Colors EFFECTIVE: Fall 2010 COURSE DESC: Study of wave motion with an orientation toward phenomena experienced by our senses, such as musical sounds, noise, and the colors occurring in nature. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR EQUIV: PHY 105
	VERSION: REV COURSE: PHY1050 - Physics of How Things Work STUDENT REC TITLE: Physics How Things Work EFFECTIVE: Fall 2012 COURSE DESC: The physics associated with everyday scientific and technological phenomena and devices, including those associated with the generation, detection, and application of sound, light, and energy. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 GEN ED: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 COREQ: PHY 1050L QTR EQUIV: PHY 105

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7028 STATUS: Process CREATOR: Jerry Clark CREATED: 1/25/11 IN-PROCESS: 2/14/11 WorkFlow	VERSION: CURR COURSE: PHY115 - Sounds and Colors Laboratory STUDENT REC TITLE: Sounds and Colors Laboratory EFFECTIVE: Fall 2010 COURSE DESC: Experiments to illustrate the physical aspects of what we see and hear. COLLEGE: College of Science & Math CRED HR: 1 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab QTR EQUIV: PHY 115
	VERSION: REV COURSE: PHY1050L - Physics of How Things Work Laboratory STUDENT REC TITLE: How Things Work Lab EFFECTIVE: Fall 2012 COURSE DESC: Experiments illustrating the physics of everyday scientific and technological phenomena and devices, including those associated with the generation, detection, and application of sound, light, and energy. COLLEGE: College of Science & Math CRED HR: 1 VAR CRED RANGE: 0 - 0 GEN ED: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 COREQ: PHY 1050 QTR EQUIV: PHY 115

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4223 STATUS: Process CREATOR: Jerry Clark CREATED: 7/13/10 IN-PROCESS: 2/14/11 WorkFlow	VERSION: CURR COURSE: PHY106 - Planetary Astronomy STUDENT REC TITLE: Planetary Astronomy EFFECTIVE: Fall 2010 COURSE DESC: Introduction to astronomy with emphasis on the solar system. Topics include the earth-moon system, other planets and their satellites, space exploration, and theories for the origin of the solar system. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR EQUIV: PHY 107
	VERSION: CURR COURSE: PHY107 - Stars, Galaxies, & The Cosmos STUDENT REC TITLE: Stars, Galaxies, & The Cosmos EFFECTIVE: Fall 2010 COURSE DESC: Introduction to astronomy with emphasis on the universe of stars and galaxies. Covers stellar evolution, astrophysics, and cosmology. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR EQUIV: PHY 107
	VERSION: REV COURSE: PHY1060 - Astronomy STUDENT REC TITLE: Astronomy EFFECTIVE: Fall 2012 COURSE DESC: Introduction to astronomy emphasizing the solar system and the universe of stars and galaxies. Topics include the earth-moon system, other planets and their satellites, space exploration, theories for the origin of the solar system stellar evolution, astrophysics, and cosmology. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 GEN ED: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 COREQ: PHY 1060L QTR EQUIV: PHY 107

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7029 STATUS: Process CREATOR: Jerry Clark CREATED: 1/25/11 IN-PROCESS: 2/14/11 WorkFlow	VERSION: CURR COURSE: PHY116 - Planetary Astronomy Laboratory STUDENT REC TITLE: Planetary Astronomy Laboratory EFFECTIVE: Fall 2010 COURSE DESC: Astronomical observations and experiments. COLLEGE: College of Science & Math CRED HR: 1 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab QTR EQUIV: PHY 117
	VERSION: CURR COURSE: PHY117 - Stars,Galaxies & Cosmos Lab STUDENT REC TITLE: Stars,Galaxies & Cosmos Lab EFFECTIVE: Fall 2010 COURSE DESC: Astronomical observations and measurements, laboratory experiments, and a visit to a planetarium. COLLEGE: College of Science & Math CRED HR: 1 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab QTR EQUIV: PHY 117
	VERSION: REV COURSE: PHY1060L - Astronomy Laboratory STUDENT REC TITLE: Astronomy Laboratory EFFECTIVE: Fall 2012 COURSE DESC: Astronomical observations and experiments. COLLEGE: College of Science & Math CRED HR: 1 VAR CRED RANGE: 0 - 0 GEN ED: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 COREQ: PHY 1060 QTR EQUIV: PHY 117

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7031 STATUS: Process CREATOR: Jerry Clark CREATED: 1/25/11 IN-PROCESS: 2/14/11 WorkFlow	VERSION: CURR COURSE: PHY200 - General Physics Laboratory STUDENT REC TITLE: General Physics Laboratory EFFECTIVE: Fall 2010 COURSE DESC: Introductory physics laboratory problems in mechanics. COLLEGE: College of Science & Math CRED HR: 1 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab QTR EQUIV: PHY 200
	VERSION: CURR COURSE: PHY204 - General Physics Laboratory STUDENT REC TITLE: General Physics Laboratory EFFECTIVE: Fall 2010 COURSE DESC: Introductory physics laboratory problems in heat, sound, mechanics, and optics. COLLEGE: College of Science & Math CRED HR: 1 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab QTR EQUIV: PHY 200
	VERSION: REV COURSE: PHY2400L - General Physics I Laboratory STUDENT REC TITLE: General Physics I Lab EFFECTIVE: Fall 2012 COURSE DESC: Introductory physics laboratory problems in mechanics, oscillation and thermodynamics. COLLEGE: College of Science & Math CRED HR: 1 VAR CRED RANGE: 0 - 0 GEN ED: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 COREQ: PHY 2400, PHY 2400R QTR EQUIV: PHY 200

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5369 STATUS: Process CREATOR: Jerry Clark CREATED: 9/21/10 IN-PROCESS: 2/14/11 WorkFlow	VERSION: CURR COURSE: PHY240 - General Physics STUDENT REC TITLE: General Physics EFFECTIVE: Fall 2010 COURSE DESC: Introductory survey of mechanics for science and engineering students. Introduces the use of calculus in interpreting physical phenomena. Topics include vectors, kinematics, dynamics, energy, momentum, rotation, and statics. Three hours lecture, one hour recitation. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: (MTH 229 or EGR 101) QTR EQUIV: PHY 240
	VERSION: CURR COURSE: PHY244 - General Physics STUDENT REC TITLE: General Physics EFFECTIVE: Fall 2010 COURSE DESC: Introductory survey of thermodynamics, oscillations and waves, sounds, fluids, gravity, and optics. Calculus is required in interpreting physical phenomena. COLLEGE: College of Science & Math CRED HR: 5 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: (MTH 229 or EGR 101) QTR EQUIV: PHY 240
	VERSION: REV COURSE: PHY2400 - General Physics I STUDENT REC TITLE: General Physics I EFFECTIVE: Fall 2012 COURSE DESC: Introductory survey of mechanics for science and engineering students. Uses of in interpreting physical phenomena. Topics include vectors, kinematics, dynamics, energy, momentum, rotation, oscillation and thermodynamics. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: 0 - 0 GEN ED: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture, Recitation REP HRS: 0 REP TIMES: 0 SEM PREREQ: (MTH 2300 or EGR 1010) with concurrency COREQ: PHY 2400R, PHY 2400L QTR PREREQ: (MTH 229 or EGR 101) QTR EQUIV: PHY 240

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4171 STATUS: Process CREATOR: Martin Gooden CREATED: 7/7/10 IN-PROCESS: 2/18/11 WorkFlow	VERSION: CURR COURSE: PSY306 - Engineering Psychology STUDENT REC TITLE: Engineering Psy EFFECTIVE: Fall 2010 COURSE DESC: (Also listed as HFE 306.) Introduction to the study of human factors in the design and operation of machine systems. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: PSY 105, PSY 110, PSY 321 QTR EQUIV: PSY 306
	VERSION: REV COURSE: PSY3060 - Engineering Psychology STUDENT REC TITLE: Engineering Psychology EFFECTIVE: Fall 2012 COURSE DESC: Introduction to the study of human factors in the design and operation of machine systems. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: PSY 1010, PSY 3210 XLIST: ISE 3310 QTR PREREQ: PSY 105, PSY 110, PSY 321 QTR EQUIV: PSY 306

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6948 STATUS: Process CREATOR: Martin Gooden CREATED: 1/21/11 IN-PROCESS: 2/17/11 WorkFlow	VERSION: CURR COURSE: PSY323 - Cognition & Learning Meth STUDENT REC TITLE: Cognition & Learning Meth EFFECTIVE: Fall 2010 COURSE DESC: Laboratory research in various areas of cognitive psychology. Two hours lecture, four hours lab. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: PSY 302 and PSY 303 and PSY 321 QTR EQUIV: PSY 323
	VERSION: CURR COURSE: PSY323L - Cognition & Learning Methods Lab STUDENT REC TITLE: Cognition & Learning Meth Lab EFFECTIVE: Fall 2010 COURSE DESC: Required laboratory for PSY 323. COLLEGE: College of Science & Math CRED HR: 0 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab QTR PREREQ: PSY 302 and PSY 303 and PSY 321 QTR EQUIV: PSY 323
	VERSION: REV COURSE: PSY3230 - Cognition and Learning Methods STUDENT REC TITLE: Cognition & Learning Mth EFFECTIVE: Fall 2012 COURSE DESC: Laboratory research in various areas of cognitive psychology. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology. SEM PREREQ: PSY 3020 and PSY 3210 COREQ: PSY 3230L QTR PREREQ: PSY 302 and PSY 303 and PSY 321 QTR EQUIV: PSY 323

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6950 STATUS: Process CREATOR: Martin Gooden CREATED: 1/22/11 IN-PROCESS: 2/17/11 WorkFlow	VERSION: CURR COURSE: PSY333 - Personality Research Methods STUDENT REC TITLE: Personality Research Meth EFFECTIVE: Fall 2010 COURSE DESC: Survey of research methods appropriate to personality assessment and analysis. Laboratory experience in the development, implementation, and analysis of a research project focused on an issue in personality psychology. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: PSY 302 and PSY 303 and PSY 331 QTR EQUIV: PSY 333
	VERSION: CURR COURSE: PSY333L - Personality Research Methods Laboratory STUDENT REC TITLE: Personlty Res Meth Lab EFFECTIVE: Fall 2010 COURSE DESC: Required laboratory for PSY 333. COLLEGE: College of Science & Math CRED HR: 0 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab QTR PREREQ: PSY 302 and PSY 303 and PSY 331 QTR EQUIV: PSY 333
	VERSION: REV COURSE: PSY3330 - Personality Research Methods STUDENT REC TITLE: Personality Research Mth EFFECTIVE: Fall 2012 COURSE DESC: Survey of research methods appropriate to personality assessment and analysis. Laboratory experience in the development, implementation, and analysis of a research project focused on an issue in personality psychology. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3020 and PSY 3310 COREQ: PSY 3330L QTR PREREQ: PSY 302 and PSY 303 and PSY 331 QTR EQUIV: PSY 333

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6951 STATUS: Process CREATOR: Martin Gooden CREATED: 1/22/11 IN-PROCESS: 2/17/11 WorkFlow	VERSION: CURR COURSE: PSY343 - Developmental Psychology Methods STUDENT REC TITLE: Developmental Psy Methods EFFECTIVE: Fall 2010 COURSE DESC: Survey of research design appropriate to developmental analysis, innovations in developmental methodology, and laboratory experience in the selection, design, and analysis of developmental problems of specific interest to individual students. Two hours lecture, four hours lab. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: PSY 302 and PSY 303 and PSY 341 QTR EQUIV: PSY 343
	VERSION: CURR COURSE: PSY343L - Developmental Psychology Methods Laboratory STUDENT REC TITLE: Devel Psychology Meth Lab EFFECTIVE: Fall 2010 COURSE DESC: Required laboratory for PSY 343. COLLEGE: College of Science & Math CRED HR: 0 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab QTR PREREQ: PSY 302 and PSY 303 and PSY 341 QTR EQUIV: PSY 343
	VERSION: REV COURSE: PSY3430 - Developmental Psychology Methods STUDENT REC TITLE: Developmental Psy Mth EFFECTIVE: Fall 2012 COURSE DESC: Survey of research design appropriate to developmental analysis, innovations in developmental methodology, and laboratory experience in the selection, design, and analysis of developmental problems of specific interest to individual students. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3020 and PSY 3410 COREQ: PSY 3430L QTR PREREQ: PSY 302 and PSY 303 and PSY 341 QTR EQUIV: PSY 343

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6952 STATUS: Process CREATOR: Martin Gooden CREATED: 1/22/11 IN-PROCESS: 2/17/11 WorkFlow	VERSION: CURR COURSE: PSY353 - Social Psychology Methods STUDENT REC TITLE: Social Psychology Methods EFFECTIVE: Fall 2010 COURSE DESC: Laboratory course in methods and problems involved in social psychology research. Two hours lecture, four hours lab. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 and PSY 351 QTR EQUIV: PSY 353
	VERSION: CURR COURSE: PSY353L - Social Psychology Mathods Laboratory STUDENT REC TITLE: Soc Psychology Meth Lab EFFECTIVE: Fall 2010 COURSE DESC: Required laboratory for PSY 353. COLLEGE: College of Science & Math CRED HR: 0 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 and PSY 351 QTR EQUIV: PSY 353
	VERSION: REV COURSE: PSY3530 - Social Psychology Methods STUDENT REC TITLE: Social Psychology Mth EFFECTIVE: Fall 2012 COURSE DESC: Laboratory course in methods and problems involved in social psychology research. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3020 and PSY 3510 COREQ: PSY 3530L QTR PREREQ: PSY 302 and PSY 303 and PSY 351 QTR EQUIV: PSY 353

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6953 STATUS: Process CREATOR: Martin Gooden CREATED: 1/22/11 IN-PROCESS: 2/17/11 WorkFlow	VERSION: CURR COURSE: PSY363 - Conditioning and Learning Methods STUDENT REC TITLE: Cond & Learn Methods EFFECTIVE: Fall 2010 COURSE DESC: Problems and methods of research in conditioning, learning, and motivation. Two hours lecture, four hours lab. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 and PSY 361 QTR EQUIV: PSY 363
	VERSION: CURR COURSE: PSY363L - Conditioning and Learning Methods Laboratory STUDENT REC TITLE: Cond & Learning Methods EFFECTIVE: Fall 2010 COURSE DESC: Required laboratory for PSY 363. COLLEGE: College of Science & Math CRED HR: 0 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 and PSY 361 QTR EQUIV: PSY 363
	VERSION: REV COURSE: PSY3630 - Conditioning and Learning Methods STUDENT REC TITLE: Condition & Learning Mth EFFECTIVE: Fall 2012 COURSE DESC: Problems and methods of research in conditioning, learning, and motivation. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology ADD INFO: Lecture and lab will be at different days and times. Lab performance will be counted towards lecture grade. SEM PREREQ: PSY 3020 and PSY 3610 COREQ: PSY 3630L QTR PREREQ: PSY 302 and PSY 303 and PSY 361 QTR EQUIV: PSY 363

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6954 STATUS: Process CREATOR: Martin Gooden CREATED: 1/22/11 IN-PROCESS: 2/17/11 WorkFlow	VERSION: CURR COURSE: PSY373 - Perception Methods STUDENT REC TITLE: Perception Methods EFFECTIVE: Fall 2010 COURSE DESC: Laboratory experience and research techniques in various areas of perception. Two hours lecture, four hours lab. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 and PSY 371 QTR EQUIV: PSY 373
	VERSION: CURR COURSE: PSY373L - Perception Methods Laboratory STUDENT REC TITLE: Perception Methods Lab EFFECTIVE: Fall 2010 COURSE DESC: Required laboratory for PSY 373. COLLEGE: College of Science & Math CRED HR: 0 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 and PSY 371 QTR EQUIV: PSY 373
	VERSION: REV COURSE: PSY3730 - Perception Methods STUDENT REC TITLE: Perception Methods EFFECTIVE: Fall 2012 COURSE DESC: Laboratory experience and research techniques in various areas of perception. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology ADD INFO: Lecture and lab will be at different days and times. Lab performance will be counted towards lecture grade. SEM PREREQ: PSY 3020 and PSY 3710 COREQ: PSY 3730L QTR PREREQ: PSY 302 and PSY 303 and PSY 371 QTR EQUIV: PSY 373

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7074 STATUS: Process CREATOR: Martin Gooden CREATED: 1/27/11 IN-PROCESS: 2/17/11 WorkFlow	VERSION: CURR COURSE: PSY393 - Behavioral Neuroscience Methods STUDENT REC TITLE: Behav Neuroscience Methods EFFECTIVE: Spring 2011 COURSE DESC: Overview of methods used in behavioral neuroscience. Includes neuroanatomical dissections, student presentations, animal testing, and manuscript preparation. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 and PSY 391 QTR EQUIV: PSY 393
	VERSION: CURR COURSE: PSY393L - Behavioral Neuroscience Methods Lab STUDENT REC TITLE: Behavioral Neurosci Lab EFFECTIVE: Spring 2011 COURSE DESC: Required laboratory for PSY 393. COLLEGE: College of Science & Math CRED HR: 0 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 and PSY 391 QTR EQUIV: PSY 393
	VERSION: REV COURSE: PSY3930 - Behavioral Neuroscience Methods STUDENT REC TITLE: Beh Neuroscience Methods EFFECTIVE: Fall 2012 COURSE DESC: Overview of methods used in behavioral neuroscience. Includes neuroanatomical dissections, student presentations, animal testing, and manuscript preparation. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3020 and PSY 3910 COREQ: PSY 3930L QTR PREREQ: PSY 302 and PSY 303 and PSY 391 QTR EQUIV: PSY 393

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6725 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Winter 2011 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 301 and PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4100 - Applied Psychology Capstone Variable Topics STUDENT REC TITLE: App Psych Cap Var Topics EFFECTIVE: Fall 2012 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on applied psychology. Topic will vary by title. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 0 VAR CRED RANGE: 3 - 4 WRIT INT: Y GRADE SYS: N LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Majors: Psychology SEM PREREQ: PSY 3010 and PSY 3020 QTR PREREQ: PSY 301 and PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6732 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY411 - Advanced Topics in Abnormal Psychology STUDENT REC TITLE: Adv Topics Abnormal Psy EFFECTIVE: Fall 2010 COURSE DESC: Theories and research relating to causes, symptoms, and influences of abnormal behavior. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4300 - Abnormal Psychology Variable Capstone STUDENT REC TITLE: Abnormal Psy Var Cap EFFECTIVE: Fall 2012 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics within Abnormal Psychology. Topic will vary. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3110 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6726 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4110 - Positive Psychology Capstone STUDENT REC TITLE: Positive Psy Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge within Positive Psychology. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6728 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4120 - Applied Sports Psychology Capstone STUDENT REC TITLE: Applied Sports Psy Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge within Sports Psychology. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6729 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4130 - Psychology in Film Capstone STUDENT REC TITLE: Psy in Film Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge examining psychology in film. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6730 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4140 - Conditioning and Learning Capstone STUDENT REC TITLE: Cond and Learning Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge within conditioning and learning. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6747 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY419 - Advanced Topics in Behavioral Neuroscience STUDENT REC TITLE: Adv Topic Behave Neurosci EFFECTIVE: Fall 2010 COURSE DESC: Detailed examination of selected areas in physiological psychology. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4910 - Psychobiology of Stress Capstone STUDENT REC TITLE: Psychobio of Stress Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on the psychobiology of stress. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3910 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6727 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY421 - Advanced Topics in Cognition and Learning STUDENT REC TITLE: Adv Top in Cognition & Lrng EFFECTIVE: Fall 2010 COURSE DESC: Detailed examination of selected areas in cognition and learning. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4200 - Cognitive Psychology Variable Capstone STUDENT REC TITLE: Cognitive Psy Var Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on Cognitive Psychology. Topics will vary. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3210 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4156 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 7/7/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY465 - Information Processing STUDENT REC TITLE: Information Processing EFFECTIVE: Fall 2010 COURSE DESC: Study of information processing skills such as selective attention, pattern recognition, reading, problem solving, and human performance. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4210 - Information Processing Capstone STUDENT REC TITLE: Info Processing Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on information processing skills such as selective attention, pattern recognition, reading, problem solving, and human performance. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3210 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4157 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 7/7/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY455 - Psycholinguistics STUDENT REC TITLE: Psycholinguistics EFFECTIVE: Fall 2010 COURSE DESC: An overview of Language: its development during the first years of life, its biological basis, its normal and abnormal characteristics. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4220 - Psycholinguistics Capstone STUDENT REC TITLE: Psycholinguistics Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on language: its development during the first years of life, its biological basis, its normal and abnormal characteristics. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3210 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6731 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Winter 2011 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4230 - Problem Solving and Reasoning Capstone STUDENT REC TITLE: Problem Solving Cap EFFECTIVE: Fall 2012 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on problem solving and reasoning. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: N LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6734 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY431 - Advanced Topics in Personality STUDENT REC TITLE: Adv Topics in Personal EFFECTIVE: Fall 2010 COURSE DESC: Examination of selected topics in personality, including theory, research, and application. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Majors: Psychology Must be enrolled in one of the following Classifications: Senior QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4330 - Personality Psychology Variable Capstone STUDENT REC TITLE: Personal Psy Var Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on personality, including theory, research, and application. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3310 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6733 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY439 - Theory and Research in Clinical Psychology STUDENT REC TITLE: Theory & Res Clinical Psy EFFECTIVE: Fall 2010 COURSE DESC: Overview of contemporary clinical approaches, research techniques, and empirical data. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4310 - Clinical Psychology Capstone STUDENT REC TITLE: Clinical Psychology Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge within Clinical Psychology. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3110 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4159 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 7/7/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4340 - Religion & Mysticism Capstone STUDENT REC TITLE: Religion & Mysticism Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on the psychology of religion and mysticism. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6735 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY441 - Advanced Topics in Developmental Psychology STUDENT REC TITLE: Adv Topics in Development Psy EFFECTIVE: Fall 2010 COURSE DESC: Review of current theory, research, and applied issues in selected aspects of development across the lifespan. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4360 - Developmental Psychology Variable Capstone STUDENT REC TITLE: Development Psy Var Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on current theory, research, and applied issues in selected aspects of development across the lifespan. Topic will vary. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3410 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4162 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 7/7/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY447 - Psychology of Aging STUDENT REC TITLE: Psychology of Aging EFFECTIVE: Fall 2010 COURSE DESC: Overview of the theories, methods, and research related to human aging. Focus on both current research and applications from psychology. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Classifications: Senior Junior QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4370 - Psychology of Aging Capstone STUDENT REC TITLE: Psychology of Aging Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on theories, methods, and research related to human aging. Focus on both current research and applications from psychology. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3410 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6737 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4400 - Industrial/Organizational Variable Topic Capstone STUDENT REC TITLE: Ind/Org Psy Var Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on industrial/organizational psychology. Topics will vary. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3040 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4294 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 7/20/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4410 - Advanced Topics in Industrial Psychology Capstone STUDENT REC TITLE: Industrial Psy Cap EFFECTIVE: Fall 2012 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on Industrial Psychology. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3040 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6738 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4420 - Advanced Topics in Organizational Psychology Capstone STUDENT REC TITLE: Organizational Psy Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on Organizational Psychology. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3040 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6739 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4430 - Psychometrics Capstone STUDENT REC TITLE: Psychometrics Capstone EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on psychometrics. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3040 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4914 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 9/8/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4440 - Work Stress Capstone STUDENT REC TITLE: Work Stress Capstone EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on work stress. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3040 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6736 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY451 - Advanced Topics in Social Psychology STUDENT REC TITLE: Adv Topics in Social Psy EFFECTIVE: Fall 2010 COURSE DESC: Detailed examination of selected areas of current research in social psychology. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4500 - Social Psychology Variable Capstone STUDENT REC TITLE: Social Psy Var Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on Social Psychology. Topic will vary by title. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3510 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4151 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 7/7/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY452 - Cross-Cultural Psychology STUDENT REC TITLE: Cross-Cultural Psy EFFECTIVE: Fall 2010 COURSE DESC: Cross-Cultural Psychology explores national differences in perception, cognition, and self-concept as well as in personality dynamics and interpersonal interactions. This more universal view of human thought and behavior addresses the challenges of globalization. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4510 - Cross-Cultural Psychology Capstone STUDENT REC TITLE: Cross-Cul Psy Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on Cross-Cultural Psychology. Explores national differences in perception, cognition, and self-concept as well as in personality dynamics and interpersonal interactions, and addresses the challenges of globalization. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3510 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6759 STATUS: Process CREATOR: Martin Gooden CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4520 - Advanced Topics in Prejudice Research Capstone STUDENT REC TITLE: Prejudice Research Cap EFFECTIVE: Fall 2012 COURSE DESC: Discusses research on the topics of stereotyping, prejudice, discrimination, and related phenomena. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 0 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and (PSY 2510 or PSY 3510) QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4153 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 7/7/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4530 - Psychology and the Law Capstone STUDENT REC TITLE: Psy and the Law Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge within Forensic Psychology. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6744 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4600 - Human Factors Psychology Variable Capstone STUDENT REC TITLE: Human Factors Var Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on human factors psychology. Topics will vary. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3060 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4922 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 9/8/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4610 - Human-Computer Interface Capstone STUDENT REC TITLE: Human-Comp Interface Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication intensive seminar integrating knowledge on human-computer interface issues. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3060 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4924 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 9/8/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4620 - Ergonomics Capstone STUDENT REC TITLE: Ergonomics Capstone EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on ergonomics. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3060 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4925 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 9/8/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4630 - Human Error Capstone STUDENT REC TITLE: Human Error Capstone EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on human error. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3060 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6745 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Winter 2011 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 and PSY 321 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4640 - Attention and Performance Capstone STUDENT REC TITLE: Attn Perform Capstone EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on attention and performance. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3210 QTR PREREQ: PSY 302 and PSY 303 and PSY 321 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6740 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY471 - Advanced Topics in Perception STUDENT REC TITLE: Adv Topics in Perception EFFECTIVE: Fall 2010 COURSE DESC: Emphasis on modern controversial issues and theories. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4700 - Advanced Topics in Perception Capstone STUDENT REC TITLE: Adv Topics Percept Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on perception. Topic will vary by title. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3710 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4915 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 9/8/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY475 - Signal Detection Theory in Psychology STUDENT REC TITLE: Signal Detection Theory EFFECTIVE: Fall 2010 COURSE DESC: Presents signal detection theory in the context of Thurstonian scaling and statistical decision theory. Studies the application of signal detection theory in various areas of psychology including psychophysics, memory, physiology, and psycholinguistics. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4710 - Signal Detection Theory in Psychology Capstone STUDENT REC TITLE: Sig Det Theory Psy Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on signal detection theory in psychology. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3710 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6741 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4720 - Selective Visual Attention Capstone STUDENT REC TITLE: Select Visual Attn Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on selective visual attention. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3710 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6742 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4730 - Hearing Capstone STUDENT REC TITLE: Hearing Capstone EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on the perception of hearing. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3710 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6743 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4740 - Space and Time Capstone STUDENT REC TITLE: Space and Time Capstone EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on space and time. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3710 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6750 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY478 - Animal Behavior STUDENT REC TITLE: Animal Behavior EFFECTIVE: Fall 2010 COURSE DESC: Physiology, phylogeny, and ontogeny of behavior. This is writing intensive. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 478
	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 478
	VERSION: REV COURSE: PSY4940 - Animal Behavior Capstone STUDENT REC TITLE: Animal Behavior Capstone EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on animal behavior. Topics will include evolution, natural and sexual selection, and mating systems. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 0 REP TIMES: 0 SEM PREREQ: PSY 3010 and PSY 3020 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 478

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6746 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4900 - Behavioral Neuroscience Variable Topic Capstone STUDENT REC TITLE: Behavioral Neuro Var Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge within behavioral neuroscience. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 6 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3910 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6748 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4920 - Clinical Neuroscience Capstone STUDENT REC TITLE: Clinical Neuro Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on clinical neuroscience. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3910 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6749 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4930 - Behavioral Neuroscience Education Capstone STUDENT REC TITLE: Behav Neuro Ed Capstone EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on behavioral neuroscience education. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3910 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6751 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4950 - Sexuality and Endocrinology Capstone STUDENT REC TITLE: Sex & Endocrinology Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on sexuality and endocrinology. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 2110 and PSY 3010 and PSY 3020 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6752 STATUS: Process CREATOR: Patricia Schiml-Webb CREATED: 12/29/10 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: PSY487 - Capstone Seminar on Select Topic STUDENT REC TITLE: Capstone Seminar EFFECTIVE: Fall 2010 COURSE DESC: Writing and oral communication intensive seminar integrating knowledge on select topics. Topic will vary by title. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar RESTRICTION: Must be enrolled in one of the following Majors: Psychology QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487
	VERSION: REV COURSE: PSY4960 - Behavioral Embryology and Teratology Capstone STUDENT REC TITLE: Behav Embry & Terat Cap EFFECTIVE: Fall 2012 COURSE DESC: Communication-intensive seminar integrating knowledge on behavioral embryology and teratology. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3910 QTR PREREQ: PSY 302 and PSY 303 QTR EQUIV: PSY 487

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7207 STATUS: Process CREATOR: Awad Halabi CREATED: 1/31/11 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: REL390 - Studies in Selected Subjects STUDENT REC TITLE: Studies in Selected Subjects EFFECTIVE: Spring 2011 COURSE DESC: Problems, approaches, and topics in the field of religion. Topics vary. COLLEGE: College of Liberal Arts CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR EQUIV: REL 390
	VERSION: REV COURSE: REL3300 - Topics in Islam STUDENT REC TITLE: Topics in Islam EFFECTIVE: Fall 2012 COURSE DESC: Problems, approaches, and topics in the field of Islam. Topics vary. COLLEGE: College of Liberal Arts CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 999 REP TIMES: 999 QTR EQUIV: REL 390

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7172 STATUS: Process CREATOR: Awad Halabi CREATED: 1/30/11 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: REL341 - Islam STUDENT REC TITLE: Islam EFFECTIVE: Spring 2011 COURSE DESC: Study of the origin and development of Islam including contemporary issues and problems. COLLEGE: College of Liberal Arts CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR EQUIV: REL 341
	VERSION: REV COURSE: REL3310 - Introduction to Islam STUDENT REC TITLE: Introduction to Islam EFFECTIVE: Fall 2012 COURSE DESC: Study of the origin and development of Islam including contemporary issues. COLLEGE: College of Liberal Arts CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: REL 341



Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7212 STATUS: Process CREATOR: Awad Halabi CREATED: 1/31/11 IN-PROCESS: 2/21/11 WorkFlow	VERSION: REV COURSE: REL3320 - Islamic Responses to the Modern World STUDENT REC TITLE: Modern Islamic Responses EFFECTIVE: Fall 2012 COURSE DESC: Study of how Muslim thinkers and theologians have responded to the challenges of the modern era. COLLEGE: College of Liberal Arts CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0



Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7208 STATUS: Process CREATOR: Awad Halabi CREATED: 1/31/11 IN-PROCESS: 2/18/11 WorkFlow	VERSION: REV COURSE: REL5300 - Topics in Islam STUDENT REC TITLE: Topics in Islam EFFECTIVE: Fall 2012 COURSE DESC: Topics on Islamic religion and religious practices. COLLEGE: College of Liberal Arts CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 999 REP TIMES: 999

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1942 STATUS: Process CREATOR: Helen Devore CREATED: 1/28/10 IN-PROCESS: 2/11/11 WorkFlow	VERSION: CURR COURSE: RHB301 - Medical Aspects of Rehabilitation I STUDENT REC TITLE: Medical Aspects Rehab I EFFECTIVE: Spring 2010 COURSE DESC: Introduction to medical terminology and system disorders that usually have continued and long-standing residual effects and that commonly require rehabilitation intervention. Considers how disabling conditions impact vocational and social activities of daily living. Attention given to the pharmacological aspects of treating disabilities. COLLEGE: College of Ed & Human Services CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: ANT 201 and BIO 107 QTR EQUIV: RHB 301
	VERSION: REV COURSE: RHB3010 - Medical Aspects of Disabilities STUDENT REC TITLE: Med Aspect Disabilities EFFECTIVE: Fall 2012 COURSE DESC: Study of medical terminology and disorders that usually require rehabilitation intervention. Additional topics include the impact of disabling conditions on vocational and social activities. Attention given to the pharmacological aspects of treating disabilities. COLLEGE: College of Ed & Human Services CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: ANT 2100 and BIO 1070 QTR PREREQ: ANT 201 and BIO 107 QTR EQUIV: RHB 301

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1964 STATUS: Process CREATOR: Helen Devore CREATED: 1/28/10 IN-PROCESS: 2/11/11 WorkFlow	VERSION: CURR COURSE: RHB370 - Independent Study if Minor Problems in Rehabilitation STUDENT REC TITLE: Ind Study Min Prob Rehab EFFECTIVE: Spring 2010 COURSE DESC: Independent study in areas of interest to students that are not readily available in any existing course. Topics vary. May be taken for letter grade or pass/unsatisfactory. COLLEGE: College of Ed & Human Services CRED HR: 1 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Independent Study RESTRICTION: Must be enrolled in one of the following Classifications: Senior Junior QTR PREREQ: None QTR EQUIV: RHB 370
	VERSION: REV COURSE: RHB3700 - Independent Study Rehabilitation STUDENT REC TITLE: Independent Study Rehab EFFECTIVE: Fall 2012 COURSE DESC: Independent study in areas of interest that are not readily available in any existing course. Topics vary. COLLEGE: College of Ed & Human Services CRED HR: 0 VAR CRED RANGE: 1 - 3 GRADE SYS: O LEVEL: Undergraduate COURSE TYPE: Independent Study REP HRS: 12 REP TIMES: 0 RESTRICTION: Department permission required. SEM PREREQ: None QTR PREREQ: None QTR EQUIV: RHB 370

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1955 STATUS: Process CREATOR: Helen Devore CREATED: 1/28/10 IN-PROCESS: 2/11/11 WorkFlow	VERSION: CURR COURSE: RHB401 - Introduction to Developmental Disabilities STUDENT REC TITLE: Intro to DD EFFECTIVE: Spring 2010 COURSE DESC: The purpose of this course is to provide the student with the etiology and rehabilitation techniques for people with MR/DD. COLLEGE: College of Ed & Human Services CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Classifications: Senior Junior QTR PREREQ: RHB 301 QTR EQUIV: RHB 401
	VERSION: REV COURSE: RHB4010 - Developmental Disabilities STUDENT REC TITLE: Dev Disabilities EFFECTIVE: Fall 2012 COURSE DESC: Study of the etiology, eligibility, and rehabilitation of individuals with developmental disabilities. Behavioral observations, evidenced based research study and site visits to rehabilitation facilities are components of course. COLLEGE: College of Ed & Human Services CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following classifications: Junior or Senior. SEM PREREQ: RHB 3010 QTR PREREQ: RHB 301 QTR EQUIV: RHB 401

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7395 STATUS: Process CREATOR: Bonnie Mathies CREATED: 2/10/11 IN-PROCESS: 2/14/11 WorkFlow	VERSION: CURR COURSE: TEG297 - Studies in Selected Subjects STUDENT REC TITLE: Studies in Selected Subjects EFFECTIVE: Spring 2011 COURSE DESC: Problems, approaches, and topics in the field of engineering. Titles vary. May be taken for letter grade or pass/unsatisfactory. COLLEGE: Wright State Lake Campus CRED HR: 1 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: None QTR EQUIV: TEG 297
	VERSION: REV COURSE: TEG2910 - Maintenance Fundamentals & Industrial Mechanics STUDENT REC TITLE: Main Fund/indust Mech EFFECTIVE: Fall 2012 COURSE DESC: Course covers standard maintenance tasks including the application of standards of metrology and basic material structures and concepts of mechanical advantage and how it applies to industrial machinery. COLLEGE: Wright State Lake Campus CRED HR: 8 VAR CRED RANGE: 0 - 0 GRADE SYS: O LEVEL: Undergraduate COURSE TYPE: Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 ADD INFO: TEG 297 was used in the past with these individualized SkillsTrac courses. T SEM PREREQ: None QTR PREREQ: None QTR EQUIV: TEG 297



Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7396 STATUS: Process CREATOR: Bonnie Mathies CREATED: 2/10/11 IN-PROCESS: 2/14/11 WorkFlow	VERSION: REV COURSE: TEG2920 - industrial Electricity & Fluid Power STUDENT REC TITLE: Indus Elect Fluid Power EFFECTIVE: Fall 2012 COURSE DESC: Course covers how to identify and construct basic electrical, motor and motor control and fluid power circuits. Includes diagnostics and the repair of simple circuits and controls. COLLEGE: Wright State Lake Campus CRED HR: 7 VAR CRED RANGE: 0 - 0 GRADE SYS: Y LEVEL: Undergraduate COURSE TYPE: Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 ADD INFO: This is the second part of a sequence that has used the TEG 297 credit. SEM PREREQ: TEG 2910 or permission of instructor QTR EQUIV: TEG 297



Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7398 STATUS: Process CREATOR: Bonnie Mathies CREATED: 2/10/11 IN-PROCESS: 2/14/11 WorkFlow	VERSION: REV COURSE: TEG2930 - Basic Machining & Welding STUDENT REC TITLE: Basic Mach & Welding EFFECTIVE: Fall 2012 COURSE DESC: Identification and operation of proper welding and machining operations. COLLEGE: Wright State Lake Campus CRED HR: 6 VAR CRED RANGE: 0 - 0 GRADE SYS: Y LEVEL: Undergraduate COURSE TYPE: Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 SEM PREREQ: Permission of instructor



Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7399 STATUS: Process CREATOR: Bonnie Mathies CREATED: 2/10/11 IN-PROCESS: 2/14/11 WorkFlow	VERSION: REV COURSE: TEG2940 - Industrial Controls and PLCS STUDENT REC TITLE: Indust Controls/PLCS EFFECTIVE: Fall 2012 COURSE DESC: Course includes construction and modification of complete relay logic and Programmable Logic Control Systems. COLLEGE: Wright State Lake Campus CRED HR: 4 VAR CRED RANGE: 0 - 0 GRADE SYS: Y LEVEL: Undergraduate COURSE TYPE: Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 ADD INFO: Part of a sequence of courses within the SkillsTrac curriculum. SEM PREREQ: TEG 2920 or permission of instructor QTR EQUIV: TEG 297



Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7445 STATUS: Process CREATOR: Bonnie Mathies CREATED: 2/15/11 IN-PROCESS: 2/18/11 WorkFlow	VERSION: REV COURSE: TMG2040 - Fundamentals of Management STUDENT REC TITLE: Fund of Management EFFECTIVE: Fall 2012 COURSE DESC: Course includes topics: management skills, global management skills, organizational behavior, communication and technology management skills. COLLEGE: Wright State Lake Campus CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7418 STATUS: Process CREATOR: Jennifer Subban CREATED: 2/11/11 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: URS424 - Issues in Metropolitan Planning STUDENT REC TITLE: Issues in Metro Planning EFFECTIVE: Spring 2011 COURSE DESC: Various issues related to planning metropolitan environments. Topics may include housing, strategic planning, and growth and regionalism. COLLEGE: College of Liberal Arts CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR EQUIV: URS 424
	VERSION: REV COURSE: URS4470 - Public/Human Service Transportation STUDENT REC TITLE: Pub/Hum. Service Trans. EFFECTIVE: Fall 2012 COURSE DESC: Overview of principles related to developing and managing public and human service transportation systems including its role in society, the history and geography of public transportation, and funding, organizational, cost benefit, labor, and customer service issues. COLLEGE: College of Liberal Arts CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: URS 424
	VERSION: REV COURSE: URS4470 - Public/Human Service Transportation STUDENT REC TITLE: Pub/Hum. Service Trans. EFFECTIVE: Fall 2012 COURSE DESC: The course provides an overview of principles related to developing and managing public and human service transportation systems. It explores the role of public and human service transportation in society, the history and geography of public transportation, and funding, organizational, cost benefit, labor, and customer service issues. COLLEGE: College of Liberal Arts CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: URS 424

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7417 STATUS: Process CREATOR: Jennifer Subban CREATED: 2/11/11 IN-PROCESS: 2/21/11 WorkFlow	VERSION: CURR COURSE: URS425 - Issues in Metropolitan Development STUDENT REC TITLE: Issues in Metro Develop EFFECTIVE: Spring 2011 COURSE DESC: Explores issues that impact metropolitan development such as pollutino, the nonprofit sector, and transportation. COLLEGE: College of Liberal Arts CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR EQUIV: URS 425
	VERSION: REV COURSE: URS4330 - Strategic Planning STUDENT REC TITLE: Strategic Planning EFFECTIVE: Fall 2012 COURSE DESC: Explores the theory and practice of strategic thinking, planning, and management in public and nonprofit organizations. COLLEGE: College of Liberal Arts CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: URS 425

Old	New	Title
CS 1011	CS 1020	Computer Software Productivity Tools
CS 1161	CS 1170	Introduction to Computer Programming II
CS 1181	CS 1190	Introduction to Computer Science II
CEG 4371	CEG 4380	Introduction to Robotics
CEG 4372	CEG 4390	VLSI Design
CEG 4374	CEG 4320	Digital Integrated Circuit Design with PLDs and FPGAs
CEG 4910	CEG 4900	Technology-Based Ventures
CEG 4980	CEG 4910	Team Projects
CEG 4981	CEG 4920	Team Projects
CEG 4990	CEG 4950	Undergraduate Thesis
CS 4990	CS 4950	Undergraduate Thesis

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7466 STATUS: Process CREATOR: David Grossie CREATED: 2/18/11 IN-PROCESS: 2/25/11 WorkFlow	VERSION: CURR COURSE: CHM314 - Quantitative Analysis Laboratory STUDENT REC TITLE: Quantitative Analysis Lab EFFECTIVE: Spring 2011 COURSE DESC: Experimental methods of analysis. Practical applications of lecture material presented in CHM 312. COLLEGE: College of Science & Math CRED HR: 4.500 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab QTR PREREQ: CHM 123 and CHM 127 QTR EQUIV: CHM 314
	VERSION: REV COURSE: CHM3120L - Quantitative Analysis Laboratory STUDENT REC TITLE: Quant Analysis Lab EFFECTIVE: Fall 2012 COURSE DESC: Experimental methods of analysis. Practical applications of lecture material presented in CHM 3120. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 SEM PREREQ: CHM 1220 and CHM 1220L COREQ: CHM 3120 XLIST: CHM 5120L QTR PREREQ: CHM 123 and CHM 127 QTR EQUIV: CHM 314

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7467 STATUS: Process CREATOR: David Grossie CREATED: 2/18/11 IN-PROCESS: 2/25/11 WorkFlow	VERSION: CURR COURSE: CHM465 - Physical Polymer Chemistry STUDENT REC TITLE: Physical Polymer Chm EFFECTIVE: Spring 2011 COURSE DESC: Introduction to the structural and physical aspects of macromolecules; emphasis on the relationship of polymer structure to physical and mechanical properties. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: (CHM 213 and CHM 452) or CHM 361 QTR EQUIV: CHM 465
	VERSION: REV COURSE: CHM4650 - Physical Polymer Chemistry STUDENT REC TITLE: Physical Polymer Chem EFFECTIVE: Fall 2012 COURSE DESC: Structural and physical aspects of macromolecules. Emphasizes the relationship of polymer structure to physical and mechanical properties. COLLEGE: College of Science & Math CRED HR: 2 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab, Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CHM 2120 and CHM 3510 COREQ: CHM 4650L XLIST: CHM 6650 QTR PREREQ: (CHM 213 and CHM 452) or CHM 361 QTR EQUIV: CHM 465



Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7468 STATUS: Process CREATOR: David Grossie CREATED: 2/18/11 IN-PROCESS: 2/25/11 WorkFlow	VERSION: REV COURSE: CHM4900 - Critical Literature Analysis STUDENT REC TITLE: Critical Lit Analysis EFFECTIVE: Fall 2012 COURSE DESC: Development of critical thinking skills that will allow a thorough analysis of current chemical and general scientific literature. COLLEGE: College of Science & Math CRED HR: 1 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6714 STATUS: Process CREATOR: David Dominic CREATED: 12/16/10 IN-PROCESS: 2/25/11 WorkFlow	VERSION: CURR COURSE: EES106 - The Evolving Earth STUDENT REC TITLE: The Evolving Earth EFFECTIVE: Winter 2011 COURSE DESC: Exploration of geological past with some emphasis on North America through interpretation of fossil record. Three hours lecture, 2 hours lab. Recommended preparation: EES 105. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR EQUIV: EES 106
	VERSION: REV COURSE: EES1030 - The Paleobiology of Dinosaurs STUDENT REC TITLE: Paleobiology Dinosaurs EFFECTIVE: Fall 2012 COURSE DESC: Multidisciplinary investigation into the morphology, classification and identification of the dinosaurs. Environmental, climatic, and geographic conditions on earth during the time of the dinosaurs. Biological principles involved in understanding the origin, evolution, and extinction of the dinosaurs. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: 0 - 0 GEN ED: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab, Lecture REP HRS: 0 REP TIMES: 0 COREQ: EES 1030L QTR EQUIV: EES 106

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6984 STATUS: Process CREATOR: David Dominic CREATED: 1/24/11 IN-PROCESS: 2/23/11 WorkFlow	VERSION: CURR COURSE: EES251 - Physical Geology and Geomorphology I STUDENT REC TITLE: Physical Gl & Geomorph EFFECTIVE: Spring 2011 COURSE DESC: Comprehensive treatment of the dynamic systems and materials of the earth. External processes and resulting land forces are also studied. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR EQUIV: EES 251
	VERSION: CURR COURSE: EES252 - Physical Geology and Geomorphology Lab I STUDENT REC TITLE: Phy Gl & Geomorph Lab I EFFECTIVE: Spring 2011 COURSE DESC: Laboratory for mineral and rock identification in hand specimens. COLLEGE: College of Science & Math CRED HR: 1.500 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab QTR EQUIV: EES 251
	VERSION: CURR COURSE: EES253 - Physical Geology and Geomorphology II STUDENT REC TITLE: Physical Gl & Geomorph II EFFECTIVE: Spring 2011 COURSE DESC: Comprehensive treatment of external and internal processes of the earth and the resulting landforms. Introduction to earth resources and other earth-like plants. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR EQUIV: EES 251
	VERSION: CURR COURSE: EES254 - Physical Geology and Geomorphology Lab II STUDENT REC TITLE: Phy Gl & Geomorph Lab II EFFECTIVE: Spring 2011 COURSE DESC: Laboratory for topographic and geologic map and geologic cross sections interpretation to recognize geological structures and their relation to geomorphology and landforms. COLLEGE: College of Science & Math CRED HR: 1.500 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab QTR EQUIV: EES 251

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6984 STATUS: Process CREATOR: David Dominic CREATED: 1/24/11 IN-PROCESS: 2/23/11 WorkFlow	VERSION: REV COURSE: EES2510 - Earth Systems STUDENT REC TITLE: Earth Systems EFFECTIVE: Fall 2012 COURSE DESC: Comprehensive treatment of earth materials and the external and internal geologic processes that shape the earth. Water systems are also discussed. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: 0 - 0 GEN ED: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab, Lecture REP HRS: 0 REP TIMES: 0 COREQ: EES 2510L QTR EQUIV: EES 251

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7000 STATUS: Process CREATOR: David Dominic CREATED: 1/25/11 IN-PROCESS: 3/2/11 WorkFlow	VERSION: CURR COURSE: EES255 - Historical Geology STUDENT REC TITLE: Historical Geology EFFECTIVE: Spring 2011 COURSE DESC: History of the earth, including geologic history of all of earth's continents. Review a origin of earth, development of the rock record, evolution of diverse life forms to produce a biological and physical history of the earth. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: EES 253 QTR EQUIV: EES 255
	VERSION: CURR COURSE: EES256 - Historical Geology Lab STUDENT REC TITLE: Historical Geology Lab EFFECTIVE: Spring 2011 COURSE DESC: Introduction to the fossil record, stratigraphic correlation, and the interpretation of simple geologic maps. COLLEGE: College of Science & Math CRED HR: 1.500 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab QTR PREREQ: EES 253 QTR EQUIV: EES 255
	VERSION: REV COURSE: EES2550 - Earth History STUDENT REC TITLE: Earth History EFFECTIVE: Fall 2012 COURSE DESC: Comprehensive treatment of the earth's past as interpreted through the study of rocks and fossils. Basic concepts include geologic time and age dating, and the physical, chemical, and organic evolution during geologic time periods. The history of plate movements and mountain building events, especially in North America. Three hours lecture, two hours lab. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: 0 - 0 GEN ED: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab, Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: EES 2510 QTR PREREQ: EES 253 QTR EQUIV: EES 255

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7318 STATUS: Process CREATOR: David Dominic CREATED: 2/4/11 IN-PROCESS: 2/25/11 WorkFlow	VERSION: CURR COURSE: EES460 - Biological Safety STUDENT REC TITLE: Biological Safety EFFECTIVE: Spring 2011 COURSE DESC: The basic principles and practices of biosafety are examined. This course teaches the identification, handling, and containment of potentially hazardous biological materials, including microorganisms and recombinant DNA. COLLEGE: College of Science & Math CRED HR: 2 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: none QTR EQUIV: EES 460
	VERSION: REV COURSE: EES4750 - Biological Safety STUDENT REC TITLE: Biological Safety EFFECTIVE: Fall 2012 COURSE DESC: The basic principles and practices of biosafety are examined. This course teaches the identification, handling, and containment of potentially hazardous biological materials, including microorganisms and recombinant DNA. COLLEGE: College of Science & Math CRED HR: 2 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: none XLIST: BIO 4340 QTR PREREQ: none QTR EQUIV: EES 460

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2462 STATUS: Process CREATOR: Barbara Cwirka CREATED: 3/24/10 IN-PROCESS: 2/25/11 WorkFlow	<p>VERSION: CURR</p> <p>COURSE: HED430 - Health Promotion Planning and Evaluation</p> <p>STUDENT REC TITLE: Hlth Promotion Planning</p> <p>EFFECTIVE: Spring 2010</p> <p>COURSE DESC: Students develop a depth of health education knowledge and skills for planning, implementing and evaluating school and community health education programs.</p> <p>COLLEGE: College of Ed & Human Services</p> <p>CRED HR: 4 VAR CRED RANGE: -</p> <p>GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture</p> <p>RESTRICTION: Must be enrolled in one of the following Colleges: College of Ed & Human Services</p> <p>QTR PREREQ: HED 334</p> <p>QTR EQUIV: HED 430</p> <hr/> <p>VERSION: REV</p> <p>COURSE: HED4430 - Health Program Planning and Evaluation</p> <p>STUDENT REC TITLE: Hlth Progr Planning Eval</p> <p>EFFECTIVE: Fall 2012</p> <p>COURSE DESC: This course develops a depth of health education knowledge and skills for planning, implementing, and evaluating school and community health education programs. Integrated Writing course.</p> <p>COLLEGE: College of Ed & Human Services</p> <p>CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y</p> <p>GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture</p> <p>REP HRS: 0 REP TIMES: 0</p> <p>RESTRICTION: Must be admitted as a Health and Physical Education major.</p> <p>SEM PREREQ: HED 2334</p> <p>QTR PREREQ: HED 334</p> <p>QTR EQUIV: HED 430</p>

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2431 STATUS: Process CREATOR: Barbara Cwirka CREATED: 3/23/10 IN-PROCESS: 2/25/11 WorkFlow	VERSION: CURR COURSE: HPR311 - Fitness Assessment & Programming STUDENT REC TITLE: Fit Assess & Prog EFFECTIVE: Spring 2010 COURSE DESC: Introduces the student to the administration and evaluation of a comprehensive fitness assessment. Emphasis will also be placed on the interpretation of the fitness assessment in exercise program design. COLLEGE: College of Ed & Human Services CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Majors: Athletic Training K-12: Physical Education QTR PREREQ: HPR 355 QTR EQUIV: HPR 311
	VERSION: REV COURSE: HPR4110 - Fitness Assessment and Programming STUDENT REC TITLE: Fitness Assessmt & Progr EFFECTIVE: Fall 2012 COURSE DESC: Introduces the student to the administration and evaluation of a comprehensive fitness assessment. Emphasis will also be placed on the interpretation of the fitness assessment in exercise program design. Integrated Writing course. COLLEGE: College of Ed & Human Services CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: None SEM PREREQ: HPR 2355 and HPR 2500 QTR PREREQ: HPR 355 QTR EQUIV: HPR 311

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3926 STATUS: Process CREATOR: Kindra Ropp CREATED: 6/21/10 IN-PROCESS: 2/25/11 WorkFlow	<p>VERSION: CURR</p> <p>COURSE: OL494 - Leadership Development Seminar</p> <p>STUDENT REC TITLE: Leadership Development Seminar</p> <p>EFFECTIVE: Fall 2010</p> <p>COURSE DESC: This course provides a capstone experience for students in the Organizational Leadership Program. It focuses on developing the individual as a leader, and prepares the student for workplace marketability and organizational change management.</p> <p>COLLEGE: College of Ed & Human Services</p> <p>CRED HR: 4 VAR CRED RANGE: -</p> <p>GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar</p> <p>QTR PREREQ: (EDL 301 or OL 301) and (EDL 302 or OL 302) and (EDL 303 or OL 303) and (EDL 304 or OL 304)</p> <p>QTR EQUIV: OL 494</p> <hr/> <p>VERSION: REV</p> <p>COURSE: OL4940 - Leadership and the Environment</p> <p>STUDENT REC TITLE: Ldrship and the Environ</p> <p>EFFECTIVE: Fall 2012</p> <p>COURSE DESC: Case-based, current events seminar addresses leadership within organizations given todays global environment, varying demographics and high customer service standards. Integrated Writing course.</p> <p>COLLEGE: College of Ed & Human Services</p> <p>CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y</p> <p>GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar</p> <p>REP HRS: 0 REP TIMES: 0</p> <p>RESTRICTION: Must be enrolled in one of the following majors: BS in Organizational Leadership. Must be enrolled in one of the following classifications: Junior or Senior.</p> <p>SEM PREREQ: OL 2010, OL 3020, OL 3030, OL 3040, OL 4010, OL 4020</p> <p>COREQ: OL 4950</p> <p>QTR PREREQ: (EDL 301 or OL 301) and (EDL 302 or OL 302) and (EDL 303 or OL 303) and (EDL 304 or OL 304)</p> <p>QTR EQUIV: OL 494</p>

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3943 STATUS: Process CREATOR: Kindra Ropp CREATED: 6/22/10 IN-PROCESS: 2/25/11 WorkFlow	<p>VERSION: CURR</p> <p>COURSE: OL495 - Leadership in Practice: The Capstone</p> <p>STUDENT REC TITLE: Leader Skill Capstone</p> <p>EFFECTIVE: Fall 2010</p> <p>COURSE DESC: In this course, students will draw upon their experiences from all of their organizational leadership courses to demonstrate their competency as administrative leaders by applying and integrating classroom material to an actual administrative problem.</p> <p>COLLEGE: College of Ed & Human Services</p> <p>CRED HR: 4 VAR CRED RANGE: -</p> <p>GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture</p> <p>QTR PREREQ: (EDL 301 or OL 301) and (EDL 302 or OL 302) and (EDL 303 or OL 303) and (EDL 304 or OL 304)</p> <p>QTR EQUIV: OL 495</p> <hr/> <p>VERSION: REV</p> <p>COURSE: OL4950 - Leadership Skills Application</p> <p>STUDENT REC TITLE: Ldrship Skills Applica</p> <p>EFFECTIVE: Fall 2012</p> <p>COURSE DESC: Culminating OL experience in the major. Incorporating leadership strategies in an external organization, and assessing and assisting with a leadership challenge, problem issue, and/or need. Integrated Writing course.</p> <p>COLLEGE: College of Ed & Human Services</p> <p>CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y</p> <p>GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar</p> <p>REP HRS: 0 REP TIMES: 0</p> <p>RESTRICTION: Must be enrolled in one of the following majors: BS in Organizational Leadership. Must be enrolled in one of the following classifications: Junior or Senior.</p> <p>SEM PREREQ: OL 2010, OL3020, OL 3030, OL 3040, OL 4010, OL 4020</p> <p>COREQ: OL 4940</p> <p>QTR PREREQ: (EDL 301 or OL 301) and (EDL 302 or OL 302) and (EDL 303 or OL 303) and (EDL 304 or OL 304)</p> <p>QTR EQUIV: OL 495</p>

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7137 STATUS: Process CREATOR: Cathy Sayer CREATED: 1/28/11 IN-PROCESS: 3/2/11 WorkFlow	VERSION: CURR COURSE: SRV400 - Citizen Scholar Capstone STUDENT REC TITLE: Citizen Scholar Capstone EFFECTIVE: Spring 2011 COURSE DESC: This course is the culminating experience of the Citizen Scholar Certificate Program. To enroll, you must have completed SRV 200 and submitted a project proposal to the Office of Service Learning. COLLEGE: Other CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Independent Study QTR PREREQ: SRV 200 QTR EQUIV: SRV 400
	VERSION: REV COURSE: SRV4000 - Citizen Scholar Capstone STUDENT REC TITLE: Citizen Scholar Capstone EFFECTIVE: Fall 2012 COURSE DESC: Culminating experience of the Citizen Scholar Certificate Program. Students design and complete a service-learning project, produce a scholarly paper in connection with the project and compile a portfolio to demonstrate their development as citizens through the Citizen Scholar Certificate program. Project proposals must be approved by the Office of Service-Learning prior to enrollment in the course. COLLEGE: Other CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 ADD INFO: Students must have a 2.5 GPA or better in certificate courses in order to complete the Citizen Scholar Certificate. Capstone project proposals must be approved by the Office of Service-Learning prior to enrollment in the course. SEM PREREQ: SRV 2000 QTR PREREQ: SRV 200 QTR EQUIV: SRV 400

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4142 STATUS: Process CREATOR: Deborah Bartlett Blair CREATED: 7/7/10 IN-PROCESS: 3/1/11 WorkFlow	VERSION: CURR COURSE: TH214 - Theatre in Western Culture STUDENT REC TITLE: Theatre West Culture EFFECTIVE: Fall 2010 COURSE DESC: Introduction to the many arts of the theatre including the roles of the actor, playwright, director, designer, critic, and audience. Selected scripts from representative historical periods are examined as an aid in understanding the theatrical event. COLLEGE: College of Liberal Arts CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR EQUIV: TH 214
	VERSION: REV COURSE: TH2140 - Theatre in Western Culture STUDENT REC TITLE: Theatre Western Culture EFFECTIVE: Fall 2012 COURSE DESC: Introduction to the many arts of the theatre including the roles of the actor, playwright, director, designer, critic, and audience. Selected scripts from representative historical periods are examined as an aid in understanding the theatrical event. COLLEGE: College of Liberal Arts CRED HR: 3 VAR CRED RANGE: 0 - 0 GEN ED: Y GRADE SYS: O LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: TH 214

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7550 STATUS: Process CREATOR: Laura Buerschen CREATED: 3/2/11 IN-PROCESS: 3/9/11 WorkFlow	VERSION: CURR COURSE: BIO495 - Senior Honors Research STUDENT REC TITLE: Senior Honors Research EFFECTIVE: Spring 2011 COURSE DESC: COLLEGE: College of Science & Math CRED HR: 1 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Independent Study QTR EQUIV: BIO 495
	VERSION: REV COURSE: BIO4950 - Senior Honors Research STUDENT REC TITLE: Senior Honors Research EFFECTIVE: Fall 2012 COURSE DESC: Independent Research working closely with a faculty sponsor on the formulation and execution of a research project and thesis preparation. Acceptance into the Departmental Honors Program required. COLLEGE: College of Science & Math CRED HR: 0 VAR CRED RANGE: 1 - 3 GRADE SYS: N LEVEL: Undergraduate COURSE TYPE: Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Departmental Approval ADD INFO: Minimum of 3.4 GPA; Acceptance into Departmental Honors Project QTR EQUIV: BIO 495



Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7551 STATUS: Process CREATOR: Laura Buerschen CREATED: 3/2/11 IN-PROCESS: 3/9/11 WorkFlow	VERSION: CURR COURSE: BIO499 - Special Problems in Biology STUDENT REC TITLE: Special Prob in Biology EFFECTIVE: Spring 2011 COURSE DESC: COLLEGE: College of Science & Math CRED HR: 1 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Independent Study RESTRICTION: Must be enrolled in one of the following Classifications: Senior Junior QTR EQUIV: BIO 499
	VERSION: REV COURSE: BIO4990 - Special Problems in Biology STUDENT REC TITLE: Special Problems Biology EFFECTIVE: Fall 2012 COURSE DESC: Independent laboratory study course. COLLEGE: College of Science & Math CRED HR: 0 VAR CRED RANGE: 1 - 3 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Minimum GPA 2.25 QTR EQUIV: BIO 499

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5393 STATUS: Process CREATOR: David Grossie CREATED: 9/21/10 IN-PROCESS: 3/4/11 WorkFlow	VERSION: CURR COURSE: CHM122 - General Chemistry 2 STUDENT REC TITLE: General Chemistry 2 EFFECTIVE: Winter 2010 COURSE DESC: Physical and chemical behavior of large collections of atoms and molecules. Three hours lecture, three hours lab, one hour recitation. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: CHM 121
	VERSION: REV COURSE: CHM1220 - General Chemistry II STUDENT REC TITLE: General Chemistry II EFFECTIVE: Fall 2012 COURSE DESC: Properties of liquids, solids and solutions, phase changes, chemical kinetics and equilibrium, acid/base chemistry and its applications, thermodynamics and electrochemistry. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 GEN ED: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CHM 1210, CHM 1210L COREQ: CHM 1220L QTR PREREQ: CHM 121

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6636 STATUS: Process CREATOR: David Grossie CREATED: 12/2/10 IN-PROCESS: 3/4/11 WorkFlow	VERSION: CURR COURSE: CHM126 - General Chemistry Lab 2 STUDENT REC TITLE: General Chemistry Lab 2 EFFECTIVE: Winter 2011 COURSE DESC: Examination of the principles of General Chemistry 2 through experimentation. COLLEGE: College of Science & Math CRED HR: 2 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab QTR PREREQ: CHM 121 and CHM 125
	VERSION: REV COURSE: CHM1220L - General Chemistry Lab II STUDENT REC TITLE: General Chemistry Lab II EFFECTIVE: Fall 2012 COURSE DESC: Examination of the principles of General Chemistry II through experimentation. COLLEGE: College of Science & Math CRED HR: 2 VAR CRED RANGE: 0 - 0 GEN ED: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab, Recitation REP HRS: 0 REP TIMES: 0 SEM PREREQ: CHM 1210 and CHM 1210L COREQ: CHM 1220 QTR PREREQ: CHM 121 and CHM 125

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7520 STATUS: Process CREATOR: Laura Buerschen CREATED: 2/23/11 IN-PROCESS: 3/9/11 WorkFlow	VERSION: CURR COURSE: CL493 - Clinical Transfusion Medicine Practicum STUDENT REC TITLE: Transfusion Practicum EFFECTIVE: Spring 2011 COURSE DESC: Practical application of transfusion medicine techniques at clinical site. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Practicum QTR EQUIV: CL 493
	VERSION: REV COURSE: CL4930 - Clinical Immunohematology/Transfusion Medicine Practicum STUDENT REC TITLE: Transfusion Practicum EFFECTIVE: Fall 2012 COURSE DESC: Practical application of transfusion medicine techniques at clinical site. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: N LEVEL: Undergraduate COURSE TYPE: Practicum REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Clinical Laboratory Sciences QTR EQUIV: CL 493

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7563 STATUS: Process CREATOR: David Dominic CREATED: 3/3/11 IN-PROCESS: 3/7/11 WorkFlow	VERSION: CURR COURSE: EES199 - Directed Studies STUDENT REC TITLE: Directed Studies EFFECTIVE: Spring 2011 COURSE DESC: Research and problems related to specific needs and talents of students. COLLEGE: College of Science & Math CRED HR: 1 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Independent Study QTR EQUIV: EES 199
	VERSION: REV COURSE: EES1990 - Directed Studies STUDENT REC TITLE: Directed Studies EFFECTIVE: Fall 2012 COURSE DESC: Course topics designed for undergraduate students at the freshman or sophomore level. May be taken for a letter grade or pass/unsatisfactory. COLLEGE: College of Science & Math CRED HR: 0 VAR CRED RANGE: 0.5 - 4 GRADE SYS: O LEVEL: Undergraduate COURSE TYPE: Independent Study REP HRS: 0 REP TIMES: 4 QTR EQUIV: EES 199

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7366 STATUS: Process CREATOR: David Dominic CREATED: 2/8/11 IN-PROCESS: 3/4/11 WorkFlow	VERSION: CURR COURSE: EES399 - Special Problems in Earth and Environmental Sciences STUDENT REC TITLE: Spec Probl Ear & Env Sci EFFECTIVE: Spring 2011 COURSE DESC: Research problems for specific needs and talents of students. Topics vary. COLLEGE: College of Science & Math CRED HR: 1 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Independent Study QTR EQUIV: EES 399
	VERSION: REV COURSE: EES3990 - Special Problems in Earth and Environmental Sciences STUDENT REC TITLE: Sp Prob Earth & Env Sci EFFECTIVE: Fall 2012 COURSE DESC: Research and problems designed for undergraduate students at the junior level. May be taken for a letter grade or pass/unsatisfactory. COLLEGE: College of Science & Math CRED HR: 0 VAR CRED RANGE: 0.5 - 5 GRADE SYS: O LEVEL: Undergraduate COURSE TYPE: Independent Study REP HRS: 0 REP TIMES: 4 QTR EQUIV: EES 399

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7393 STATUS: Process CREATOR: David Dominic CREATED: 2/10/11 IN-PROCESS: 3/4/11 WorkFlow	VERSION: CURR COURSE: EES401 - Topics in Earth and Environmental Science STUDENT REC TITLE: Topics Earth & Env Sci EFFECTIVE: Spring 2011 COURSE DESC: Advanced Topics of current interest in the earth and environmental sciences. Topics vary. May be taken for a letter grade or pass/unsatisfactory. COLLEGE: College of Science & Math CRED HR: 1 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR EQUIV: EES 401
	VERSION: REV COURSE: EES4010 - Topics in Earth and Environmental Science STUDENT REC TITLE: Topics Earth & Env Sci EFFECTIVE: Fall 2012 COURSE DESC: Advanced topics of current interest in the earth and environmental sciences. Topics vary but are expected to be appropriate for undergraduate students at the junior or senior level. May be taken for a letter grade or pass/unsatisfactory. COLLEGE: College of Science & Math CRED HR: 0 VAR CRED RANGE: 0.5 - 5 GRADE SYS: O LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 6 QTR EQUIV: EES 401

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7564 STATUS: Process CREATOR: David Dominic CREATED: 3/3/11 IN-PROCESS: 3/4/11 WorkFlow	VERSION: CURR COURSE: EES499 - Special Problems in the Earth and Environmental Sciences STUDENT REC TITLE: Spec Prob. Earth & Env EFFECTIVE: Spring 2011 COURSE DESC: Course allow students opportunity to perform research in earth and environmental science topics. COLLEGE: College of Science & Math CRED HR: 1 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Independent Study QTR EQUIV: EES 499
	VERSION: REV COURSE: EES4990 - Special Problems in the Earth and Environmental Sciences STUDENT REC TITLE: Spec Prob. Earth & Env EFFECTIVE: Fall 2012 COURSE DESC: Research and problems designed for undergraduate students at the senior level. May be taken for a letter grade or pass/unsatisfactory. COLLEGE: College of Science & Math CRED HR: 0 VAR CRED RANGE: 0.5 - 5 GRADE SYS: O LEVEL: Undergraduate COURSE TYPE: Independent Study REP HRS: 0 REP TIMES: 6 QTR EQUIV: EES 499

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6528 STATUS: Process CREATOR: Bonnie Mathies CREATED: 11/8/10 IN-PROCESS: 3/9/11 WorkFlow	VERSION: REV COURSE: IT2550 - Emerging Software Technologies STUDENT REC TITLE: Emerg Software Tech EFFECTIVE: Fall 2012 COURSE DESC: This course will cover the core functionality of ArcGIS Desktop software: how to make maps, carry out spatial analysis, and build and edit spatial databases in the context of realistic projects. Some of the tasks covered include: symbolizing and labeling maps, classifying data, querying maps, analyzing spatial relationships, setting map projections, building spatial databases, editing data, geocoding addresses and making map layouts. COLLEGE: Wright State Lake Campus CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture/Lab Combination REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
624 STATUS: Process CREATOR: Kimberly Hagler CREATED: 12/1/09 IN-PROCESS: 3/7/11 WorkFlow	VERSION: CURR COURSE: M&I675 - Pathogenic Mechanisms STUDENT REC TITLE: Pathogenic Mechanisms EFFECTIVE: Spring 2011 COURSE DESC: (Also listed as BMS 775.) This advanced level course will expand the knowledge of basic microbiology by focusing on human-microbial pathogen interactions. The molecular basis of the pathogenic mechanisms will be emphasized. In addition, the student will gain a better appreciation and understanding of the complexities of interactions between microbes and their human hosts. COLLEGE: College of Science & Math CRED HR: 5 VAR CRED RANGE: - GRADE SYS: LEVEL: Graduate COURSE TYPE: Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: M&I 675
	VERSION: REV COURSE: M&I4750 - Pathogenic Mechanisms STUDENT REC TITLE: Pathogenic Mechanisms EFFECTIVE: Fall 2012 COURSE DESC: Human-microbial pathogen interactions, emphasizing the molecular basis of the pathogenic mechanisms. Complexities of interactions between microbes and their human hosts. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 XLIST: BMS 7750, M&I 6750 QTR EQUIV: M&I 675

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7032 STATUS: Process CREATOR: Jerry Clark CREATED: 1/25/11 IN-PROCESS: 3/10/11 WorkFlow	VERSION: CURR COURSE: PHY202 - General Physics Laboratory STUDENT REC TITLE: General Physics Laboratory EFFECTIVE: Fall 2010 COURSE DESC: Introductory physics laboratory problems in electricity and magnetism. COLLEGE: College of Science & Math CRED HR: 1 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab QTR EQUIV: PHY 202
	VERSION: CURR COURSE: PHY204 - General Physics Laboratory STUDENT REC TITLE: General Physics Laboratory EFFECTIVE: Fall 2010 COURSE DESC: Introductory physics laboratory problems in heat, sound, mechanics, and optics. COLLEGE: College of Science & Math CRED HR: 1 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab QTR EQUIV: PHY 202
	VERSION: REV COURSE: PHY2410L - General Physics II Laboratory STUDENT REC TITLE: General Physics II Lab EFFECTIVE: Fall 2012 COURSE DESC: Introductory physics laboratory problems in electricity, magnetism, and optics. COLLEGE: College of Science & Math CRED HR: 1 VAR CRED RANGE: 0 - 0 GEN ED: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab REP HRS: 0 REP TIMES: 0 SEM PREREQ: MTH 2300 and (MTH 2310 with concurrency) COREQ: PHY 2410R, PHY 2410 QTR EQUIV: PHY 202

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4227 STATUS: Process CREATOR: Jerry Clark CREATED: 7/13/10 IN-PROCESS: 3/10/11 WorkFlow	VERSION: CURR COURSE: PHY242 - General Physics STUDENT REC TITLE: General Physics EFFECTIVE: Fall 2010 COURSE DESC: Introductory survey of electricity and magnetism. Uses calculus in interpreting physical phenomena. Topics include electric field and potential, currents, DC circuits, magnetic fields, and Faraday's law. Three hours lecture, one hour recitation. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: PHY 240 and MTH 230 (MTH 230 can be taken concurrently) QTR EQUIV: PHY 242
	VERSION: CURR COURSE: PHY244 - General Physics STUDENT REC TITLE: General Physics EFFECTIVE: Fall 2010 COURSE DESC: Introductory survey of thermodynamics, oscillations and waves, sounds, fluids, gravity, and optics. Calculus is required in interpreting physical phenomena. COLLEGE: College of Science & Math CRED HR: 5 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: PHY 240 and MTH 230 (MTH 230 can be taken concurrently) QTR EQUIV: PHY 242
	VERSION: REV COURSE: PHY2410 - General Physics II STUDENT REC TITLE: General Physics II EFFECTIVE: Fall 2012 COURSE DESC: Introductory survey of electricity and magnetism. Uses calculus in interpreting physical phenomena. Topics include electric field and potential, currents, DC circuits, magnetic fields, Faraday's law, and optics. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: 0 - 0 GEN ED: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture, Recitation REP HRS: 0 REP TIMES: 0 SEM PREREQ: PHY 2400 and MTH 2300 and (MTH 2310 with concurrency) COREQ: PHY 2410L, PHY 2410R QTR PREREQ: PHY 240 and MTH 230 (MTH 230 can be taken concurrently) QTR EQUIV: PHY 242



Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7516 STATUS: Process CREATOR: Martin Gooden CREATED: 2/23/11 IN-PROCESS: 3/7/11 WorkFlow	VERSION: REV COURSE: PSY2000 - Psychology Elective Special Topics STUDENT REC TITLE: Elective Special Topics EFFECTIVE: Fall 2012 COURSE DESC: A variable elective topic in psychology. The topic and structure of this course will vary according to the discretion of the instructor. COLLEGE: College of Science & Math CRED HR: 0 VAR CRED RANGE: 1 - 3 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 999 REP TIMES: 999 SEM PREREQ: PSY 1010

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7517 STATUS: Process CREATOR: Martin Gooden CREATED: 2/23/11 IN-PROCESS: 3/7/11 WorkFlow	VERSION: REV COURSE: PSY3000 - Psychology Core Special Topics STUDENT REC TITLE: Core Special Topics EFFECTIVE: Fall 2012 COURSE DESC: A selected topic in a core area of psychology. The topic and structure of this course will vary according to the discretion of the instructor. COLLEGE: College of Science & Math CRED HR: 0 VAR CRED RANGE: 1 - 3 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 999 REP TIMES: 999 SEM PREREQ: PSY 1010 XLIST: PSY 5000



Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7521 STATUS: Process CREATOR: Martin Gooden CREATED: 2/23/11 IN-PROCESS: 3/7/11 WorkFlow	VERSION: REV COURSE: PSY4000 - Psychology Capstone Special Topics STUDENT REC TITLE: Capstone Special Topics EFFECTIVE: Fall 2012 COURSE DESC: A selected psychology capstone topic. The topic will vary according to the discretion of the instructor. COLLEGE: College of Science & Math CRED HR: 0 VAR CRED RANGE: 1 - 3 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Seminar REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Programs: Psychology SEM PREREQ: PSY 3020



Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7246 STATUS: Process CREATOR: Jennifer Subban CREATED: 2/2/11 IN-PROCESS: 3/3/11 WorkFlow	VERSION: REV COURSE: URS3100 - The American City STUDENT REC TITLE: The American City EFFECTIVE: Fall 2012 COURSE DESC: Intensive study of aspects of American urban experiences including urban history, gender, immigration, transnational urbanism, popular culture, work and leisure, class, and city politics. COLLEGE: College of Liberal Arts CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4550 STATUS: Process CREATOR: David Grossie CREATED: 8/19/10 IN-PROCESS: 3/16/11 WorkFlow	VERSION: CURR COURSE: CHM102 - Elementary Organic Chemistry with Applications STUDENT REC TITLE: Elem Organic Chm w/Applic EFFECTIVE: Winter 2010 COURSE DESC: An elementary discussion of the structure of hydrocarbons, organic functional groups, and a few selected reactions. Three hours lecture, three hours lab. COLLEGE: College of Science & Math CRED HR: 4.500 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lab, Lecture, Lecture/Lab Combination QTR PREREQ: CHM 101 or CHM 121 QTR EQUIV: CHM 102
	VERSION: REV COURSE: CHM1020 - Elementary Organic Chemistry with Applications STUDENT REC TITLE: Elem Organic Chem w/Appl EFFECTIVE: Fall 2012 COURSE DESC: An introduction to the basic principles of organic chemistry and biochemistry. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: 0 - 0 GEN ED: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab, Lecture REP HRS: 0 REP TIMES: 0 ADD INFO: Students with credit for high school chemistry will be excused from CHM 1010 prerequisite. SEM PREREQ: CHM 1010 COREQ: CHM 1020L QTR PREREQ: CHM 101 or CHM 121 QTR EQUIV: CHM 102

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5394 STATUS: Process CREATOR: David Grossie CREATED: 9/21/10 IN-PROCESS: 3/15/11 WorkFlow	VERSION: CURR COURSE: CHM105 - Chemistry of Our World: Living Things STUDENT REC TITLE: Chemistry: Living Things EFFECTIVE: Fall 2010 COURSE DESC: Examination of the principles of covalent bonding, structures, and reactions of molecules important to living things, with attention to the technological, regulatory, and social complexities of problems related to them. Three hours lecture, two hours lab. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture, Lecture/Lab Combination QTR EQUIV: CHM 105
	VERSION: REV COURSE: CHM1050 - Chemistry of Our World: Living Things STUDENT REC TITLE: Chemistry: Living Things EFFECTIVE: Fall 2012 COURSE DESC: Principles of covalent bonding, structures, and reactions of molecules important to living things, with attention to related technological, regulatory, and social issues. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: 0 - 0 GEN ED: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab, Lecture REP HRS: 0 REP TIMES: 0 COREQ: CHM 1050L QTR EQUIV: CHM 105

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1128 STATUS: Process CREATOR: David Grossie CREATED: 12/17/09 IN-PROCESS: 3/16/11 WorkFlow	VERSION: CURR COURSE: CHM107 - Chemistry of Our World: Energy and the Environment STUDENT REC TITLE: Chemistry: Energy & Envir EFFECTIVE: Winter 2010 COURSE DESC: Examination of gaseous and liquid states and thermochemistry as a basis for understanding air and water quality and fossil and nuclear fuels. Attention to the chemistry of the solar system. Three hours lecture, two hours lab. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR EQUIV: CHM 107
	VERSION: REV COURSE: CHM1070 - Chemistry of Our World: Energy and the Environment STUDENT REC TITLE: Chemistry: Energy & Env EFFECTIVE: Fall 2012 COURSE DESC: Examines gaseous and liquid states and thermochemistry as a basis for understanding air and water quality and fossil and nuclear fuels. Attention to the chemistry of the solar system. Integrated Writing course. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: 0 - 0 GEN ED: Y WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab, Lecture REP HRS: 0 REP TIMES: 0 COREQ: CHM 1070L SPC FEE: Chemistry Course Fee (2023), \$30 QTR EQUIV: CHM 107

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6778 STATUS: Process CREATOR: David Grossie CREATED: 12/30/10 IN-PROCESS: 3/21/11 WorkFlow	VERSION: CURR COURSE: CHM452 - Physical Chemistry STUDENT REC TITLE: Physical Chemistry EFFECTIVE: Winter 2011 COURSE DESC: Theoretical aspects of chemistry including thermodynamics, chemical kinetics, molecular structure and spectra, and the structure of solids and liquids. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: CHM 451
	VERSION: REV COURSE: CHM3520 - Physical Chemistry II STUDENT REC TITLE: Physical Chemistry II EFFECTIVE: Fall 2012 COURSE DESC: Theoretical aspects of chemistry including quantum chemistry, spectroscopy and statistical mechanics COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CHM 3510 COREQ: CHM 3520L XLIST: CHM 5520 QTR PREREQ: CHM 451

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7101 STATUS: Process CREATOR: David Grossie CREATED: 1/27/11 IN-PROCESS: 3/21/11 WorkFlow	VERSION: CURR COURSE: CHM425 - Advanced Inorganic Synthesis and Characterization STUDENT REC TITLE: Adv Inorg Syn & Charact EFFECTIVE: Spring 2011 COURSE DESC: Advanced synthesis and characterization of representative inorganic compounds. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: CHM 417 and CHM 420 QTR EQUIV: CHM 425
	VERSION: REV COURSE: CHM4250 - Advanced Inorganic Synthesis and Characterization STUDENT REC TITLE: Adv Inorganic Synthesis EFFECTIVE: Fall 2012 COURSE DESC: Advanced synthesis and characterization of representative inorganic compounds. COLLEGE: College of Science & Math CRED HR: 2 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab, Recitation REP HRS: 0 REP TIMES: 0 ADD INFO: This is apparently the lab for CHM 4210 Inorganic Chemistry. It would make sense to number it CHM 4210L; it was originally numbered 4250L but that violates the guidelines as there is no CHM 4250. Graduate version CHM 5250L already approved. SEM PREREQ: CHM 4200 COREQ: CHM 4210 XLIST: CHM 5250L QTR PREREQ: CHM 417 and CHM 420 QTR EQUIV: CHM 425

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7342 STATUS: Process CREATOR: David Grossie CREATED: 2/7/11 IN-PROCESS: 3/21/11 WorkFlow	VERSION: CURR COURSE: CHM437 - Electroanalytical Chemistry STUDENT REC TITLE: Electroanalytical Chem EFFECTIVE: Spring 2011 COURSE DESC: Fundamental principles of electrochemistry and the application of electrochemical methods to chemistry and chemical analysis. COLLEGE: College of Science & Math CRED HR: 3 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: CHM 312 QTR EQUIV: CHM 437
	VERSION: REV COURSE: CHM437 - Electroanalytical Chemistry STUDENT REC TITLE: Electroanalytical Chem EFFECTIVE: Fall 2012 COURSE DESC: Fundamental principles of electrochemistry and the application of electrochemical methods to chemistry and chemical analysis. COLLEGE: College of Science & Math CRED HR: 2 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lab, Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CHM 3120 and CHM 3120L XLIST: CHM 6370 QTR PREREQ: CHM 312 QTR EQUIV: CHM 437

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7385 STATUS: Process CREATOR: Melissa Rubins CREATED: 2/9/11 IN-PROCESS: 3/15/11 WorkFlow	VERSION: CURR COURSE: ED310 - Teaching in Urban Schools: Meeting Diverse Needs STUDENT REC TITLE: Teaching Urban Schools EFFECTIVE: Spring 2011 COURSE DESC: This course provides a foundation for increasing teacher candidates' knowledge and understanding of urban communities, enabling them to deconstruct stereotypes and myths of students and families in urban schools, and facilitating self-reflection and self-awareness. COLLEGE: College of Ed & Human Services CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Seminar QTR EQUIV: ED 310
	VERSION: REV COURSE: ED3100 - African American Experience in Education STUDENT REC TITLE: Afr Amer Exper in Educ EFFECTIVE: Fall 2012 COURSE DESC: Explores the diverse experiences of being African American and examines the effect of Blackness on students and teachers experiences. Facilitates examination of personal biases and effective methods for providing educational access for all. COLLEGE: College of Ed & Human Services CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: ED 310

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6932 STATUS: Process CREATOR: Melissa Rubins CREATED: 1/21/11 IN-PROCESS: 3/15/11 WorkFlow	VERSION: CURR COURSE: ED432 - Inprov Reading Sec School STUDENT REC TITLE: Improv Reading Sec School EFFECTIVE: Winter 2011 COURSE DESC: Techniques of diagnosing and correcting reading problems of secondary students. Explores secondary reading problems with emphasis on skill development. COLLEGE: College of Ed & Human Services CRED HR: 5 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture/Lab Combination QTR EQUIV: ED 432
	VERSION: REV COURSE: ED4010 - Advancing Reading in the Content Area STUDENT REC TITLE: Adv Rdg in Content Area EFFECTIVE: Fall 2012 COURSE DESC: Reading in the content area that includes instruction in organizing instruction, use of protocols for oral language development, strategies for word skill development, reading comprehension and assessment for instructional purposes. COLLEGE: College of Ed & Human Services CRED HR: 3 VAR CRED RANGE: 0 - 0 GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: ED 432

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7341 STATUS: Process CREATOR: David Dominic CREATED: 2/7/11 IN-PROCESS: 3/21/11 WorkFlow	VERSION: CURR COURSE: EES316 - Earth Material III: Sedimentology STUDENT REC TITLE: Earth Mat'l III: Sedimentolog EFFECTIVE: Spring 2011 COURSE DESC: Clastic and carbonate sedimentary rocks, their mineralogy, texture, provenance, and classification. Fluid flow sediment transport and depositon, sedimentary structures, and depositional environments. Three hours lecture, three hours lab. COLLEGE: College of Science & Math CRED HR: 4.500 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture/Lab Combination QTR EQUIV: EES 316
	VERSION: CURR COURSE: EES417 - Stratigraphy STUDENT REC TITLE: Stratigraphy EFFECTIVE: Spring 2011 COURSE DESC: Principles, rules, and techniques of correlation. Relationships between surface and subsurface correlation. Geologic and geophysical correlation techniques. Three hours lecture, three hours lab. COLLEGE: College of Science & Math CRED HR: 4.500 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR EQUIV: EES 316
	VERSION: REV COURSE: EES3160 - Stratigraphy and Sedimentology STUDENT REC TITLE: Stratigraphy & Sediment EFFECTIVE: Fall 2012 COURSE DESC: Clastic and carbonate sedimentary rocks, their mineralogy, texture, provenance, and classification. Principles, rules, and geologic and geophysical correlation techniques. Fluid flow sediment transport and depositon, sedimentary structures, and depositional environments. COLLEGE: College of Science & Math CRED HR: 4 VAR CRED RANGE: 0 - 0 GRADE SYS: O LEVEL: Undergraduate COURSE TYPE: Lab, Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: EES 3120 COREQ: EES 3160L XLIST: EES 6160 QTR EQUIV: EES 316



FORM	COURSE INFORMATION
7136 STATUS: Process CREATOR: Cathy Sayer CREATED: 1/28/11 IN-PROCESS: 3/14/11 Workflow	VERSION: CURR COURSE: SRV200 - Citizenship in Our Democracy STUDENT REC TITLE: Citizenship in Democracy EFFECTIVE: Spring 2011 COURSE DESC: Course focuses on rights, privileges and obligations of citizenship in our democracy. Course themes vary, (education, environment, healthcare, poverty, etc.). Students will complete a service-learning project appropriate to the theme. COLLEGE: Other CRED HR: 4 VAR CRED RANGE: - GRADE SYS: LEVEL: Undergraduate COURSE TYPE: Lecture QTR PREREQ: ENG 101 Minimum Grade of C QTR EQUIV: SRV 200
	VERSION: REV COURSE: SRV2000 - Engaged Citizenship STUDENT REC TITLE: Engaged Citizenship EFFECTIVE: Fall 2012 COURSE DESC: Course focuses on rights, privileges and responsibilities of citizenship in our democracy and the world. Develops skills for engaged citizenship through community-based activities and service-learning projects. Integrated Writing course. COLLEGE: Other CRED HR: 3 VAR CRED RANGE: 0 - 0 WRIT INT: Y GRADE SYS: S LEVEL: Undergraduate COURSE TYPE: Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 SEM PREREQ: ENG 1100 with Grade of C or better QTR PREREQ: ENG 101 Minimum Grade of C QTR EQUIV: SRV 200

Academic Program Quarter to Semester Conversion and New Semester Program

College	Lake
Department	
Degree (A.A. B.S., B.F.A., etc.) & Title	A.S. Biological Sciences
Concentration, Track, Option, Specialization	
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education Eng 101 Academic Writing and Reading (4) Eng 102 Writing in Academic Discourse(4) General Education electives: Area II(8) General Education electives: Area III(8) General Education electives: Area IV(4) General Education electives: Area II,III, or IV(8) Math 228 Calculus for the Management, Life and Social Sciences (5) STT 264 Elementary Statistics I (4) STT 265 Elementary Statistics II (4) OR MTH 229 Calculus I (5) MTH 230 Calculus II (5) MTH 231 Calculus III (5)	49-51
II. Departmental Requirements BIO 111 Principles of Biology: Human Biology(4) BIO 112 Principles of Biology: Cells and Genetics (4) BIO 115 Principles of Biology: Diversity and Ecology(4) BIO 230 Organismal Physiology (4) BIO231 Introduction to Ecology (4) BIO 312 Microbiology (5) OR BIO313 Biology of Lower Plants (5) OR BIO 315 Biology of Invertebrates (5) OR BIO 316 Biology of Vertebrates (5) CHM 121/125 Submicroscopic Chemistry & Lab (5) CHM 122/126 Macroscopic Chemistry & Lab CHM 123/127 Reaction Dynamics & Lab (5)	40
III. Related Requirements CS 205 Computer Literacy & Office Automation(4) ENG 333 Technical Writing (4) PSY110 Psychology: The Science of Behavior II (4)	12
Total	101-103

Semester System Program	Hours
I. Wright State Core Element 1: Communication (6) Element 2: Mathematics (3)* *2240 or 2300 (4) Element 3: Global Traditions(6)* <i>Multicultural Competence (MC):Required</i> Element 4: Arts/Humanities(3) Element 5: Social Sciences(6) Element 6: Natural Sciences (8)* *Bio 1120 and Bio1150 Additional Core Courses (6) <i>Multicultural Competence (MC): required, additional course in MC in any Element or as an additional course within Element 3.</i> <i>Writing Across the Curriculum (IW): required, two integrated Writing (IW) Core courses</i>	39
II. Departmental Requirements BIO 2110 Molecular and Classical Genetics (3) BIO 2310 Principles of Ecology and Evolution & Lab (4) BIO 3130 Plant Biology (5) OR BIO 3150 Invertebrate Zoology (5) CHM 1210 General Chemistry I (3) CHM 1210L General Chemistry I Lab (2) CHM 1220 General Chemistry II (3) CHM 1220L General Chemistry II Lab (2) BIO 2100 Sophomore Seminar (1)	23
III.	
Total	62

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	Lake
Department	
Degree (A.A. B.S., B.F.A., etc.) & Title	A.S. Business & Administration
Concentration, Track, Option, Specialization	
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education ENG 101 Academic Writing & Reading (4) ENG 102 Writing in Academic Discourse (4) General Education electives: Natural Science (12) General Education electives: Area II, III, or IV (8) General Education electives: Area III (8) General Education elective: Area VI (4) General Education elective: Area IV (4) MTH 228 Calculus for the Management, Life and Social Sciences (5)	49
II. Departmental Requirements ACC 204 Accounting Principles I (4) EC 204 Principles of Microeconomics (4) EC 205 Principles of Macroeconomics (4) MKT 250 Principles of Marketing (4) MS 204 Introduction to Probability and Statistics (4)	20
III. Related Requirements CS 205 Computer Literacy and Office Automation (4) MTH 128 Accelerated College Algebra (3) OR MTH 129 College Algebra (5) TAD 200 Business Law (4) TMG 204 Fundamentals of Management (4)	15-17
Total	84-86

Semester System Program	Hours
I. Wright State Core Element 1: Communication (6) Element 2: Mathematics* (4) *required MTH 2280 Business Calculus (4) Element 3: Global Traditions (6) Element 4: Arts/Humanities (3) Element 5: Social Science * (6) *required: EC 2040 Principles of Microeconomics (3) OR EC 2050 Principles of Macroeconomics (3) *required: FIN 2050 Personal Financial Decision Making (3) Element 6: Natural Science (8) Additional Core Courses* (6) *required: select either EC 2040 Principles of Microeconomics (3) or EC 2050 Principles of Macroeconomics (3) (one course not taken for Element 5)	39
II. Departmental Requirements ACC 2010 Accounting Principles I (3) ACC 2020 Accounting Principles II (3) MS 2040 Introduction to Business Dec. Making (3) MS 2050 Quantitative Business Modeling (3) MKT 2500 Principles of Marketing (3) FIN 2210 Financial Management I (3)	18
III. Related Requirements ENG 3000 Business Writing (3)	3
Total	60

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	Lake
Department	
Degree (A.A. B.S., B.F.A., etc.) & Title	A.S. Chemistry
Concentration, Track, Option, Specialization	
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education ENG 101 Academic Writing & Reading (4) ENG 102 Writing in Academic Discourse (4) MTH 229 Calculus I (5) General Education elective: Area II – History (4) General Education elective: Area II – Non Western (4) General Education electives: Area III (8) General Education elective: Area IV (4) General Education electives: Area II, III, or IV (8)	41
II. Departmental Requirements CHM 121/125 General Chemistry I & Lab (5) CHM 122/126 General Chemistry II & Lab (5) CHM 123/127 General Chemistry III & Lab (5) CHM 211/215 Organic Chemistry I & Lab (6) CHM 212/216 Organic Chemistry II & Lab (6) CHM 213/217 Organic Chemistry III & Lab (6)	33
III. Related Requirements COM 101 Essentials of Public Address (4) OR COM 104 Introduction to Human Communication (4) ENG 333 Technical Writing (4) MTH 128 Accelerated College Algebra (3) OR MTH 129 College Algebra (5) PSY 110 Psychology: Science & Practice (4)	15-17
Total	89-91

Semester System Program	Hours
I. Wright State Core Element 1: Communication (6) Element 2: Mathematics (3) MTH 2300 Calculus I (4) Element 3: Global Traditions (6) Element 4: Arts/Humanities (3) Element 5: Social Science (6) Element 6: Natural Science (8) BIO 1120 Cells & Genes (4) BIO 1150 Organisms & Ecosystems (4) Additional Core Courses (6) <i>Multicultural Competence (MC): required, additional course in MC in any Element or as an additional course within Element 3.</i> <i>Writing Across the Curriculum (IW): required, two integrated Writing (IW) Core courses</i>	39
II. Departmental Requirements CHM 1210 General Chemistry I (3) CHM 1210L General Chemistry I Lab (2) CHM 1220 General Chemistry II (3) CHM 1220L General Chemistry II Lab (2) CHM 2110 Organic Chemistry I (4) CHM 2110L Organic Chemistry I Lab (2) CHM 2120 Organic Chemistry II (4) CHM 2120L Organic Chemistry II Lab (2)	22
III. Related Requirements	
Total	61

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	Lake
Department	
Degree (A.A. B.S., B.F.A., etc.) & Title	A.A. Communication Studies
Concentration, Track, Option, Specialization	
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education ENG 101 Academic Writing & Reading (4) ENG 102 Writing in Academic Discourse (4) MTH 145 Mathematics & the Modern World (4) PSY 105 Psychology: The Science of Behavior (4) General Education elective: Area II Non-Western (4) General Education elective: Area II History (4) General Education electives: Area II, III, or IV (8) General Education elective: Area III (not PSY) (4) General Education elective: Area IV (not PHL) (4) General Education electives; Natural Science (12) General Education elective: Area VI (Liberal Arts) (4)	56
II. Departmental Requirements COM 101 Essentials of Public Address (4) COM 104 Introduction to human Communication (4) COM 130 Introduction to Communication Activities (1) COM 152 Mass Communication (4) COM 200 Writing to Communicate (4) COM 256 Basic Media Writing (4)	21
III. Related Requirements CS 205 Computer Literacy & Office Automation (4) CS 207 Advanced Office Productivity (4) TMK 200 Basic Marketing (4) TOA 101 Professional Development I (1) TOA 102 Professional Development II (1) TOA 103 Professional Development III (1) TOA 205 Speaking Skills/Multimedia Presentations (3)	18
Total	95

Semester System Program	Hours
I. Wright State Core Element 1: Communication (6) Element 2: Mathematics (3) Element 3: Global Traditions (6) Element 4: Arts/Humanities (3) Element 5: Social Science (6) Element 6: Natural Science (8) Additional Core Courses (6) <i>Multicultural Competence (MC): required, additional course in MC in any Element or as an additional course within Element 3.</i> <i>Writing Across the Curriculum (IW): required, two integrated Writing (IW) Core courses</i>	38
II. Departmental Requirements COM 1010 Essentials of Public Address (3) COM 1040 Introduction to Human Communication (3) COM 1520 Mass Communication (3) COM 2020 Interpersonal Communication (3) COM 2410 Small-Group Communication (3) COM 2560 Basic Media Writing (3) COM2460 Organizational Communication (3)	21
III. Related Requirements CS 1010 Introduction to Computers and Office Productivity Software (3) Elective (3)	6
Total	65

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	Lake
Department	
Degree (A.A. B.S., B.F.A., etc.) & Title	A.S. Earth and Environment Sciences
Concentration, Track, Option, Specialization	
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education ENG 101 Academic Writing & Reading (4) ENG 102 Writing in Academic Discourse (4) General Education electives: Area II (8) General Education elective: Area III (4) General Education elective: Area IV (4) General Education electives: Area II, III, or IV (8) General Education electives: Area II, III, or IV (4-6)	28-30
II. Departmental Requirements EES 251/252 Physical Geology & Geomorphology & Lab (4.5) EES 255/256 Historical Geology & Lab (4.5) EES 442 Fossil Vertebrates (4) BIO 111 Principles of Biology: Human Biology (4) BIO 112 Principles of Biology: Cell Biology & Genetics (4) BIO 115 Principles of Biology: Diversity & Ecology (4) BIO 313 Biology of Lower Plants (5) OR BIO 315 Biology of Invertebrates (5) OR CHM 213/217 Organic Chemistry III (6) CHM 121/125 Submicroscopic Chemistry & Lab (5) CHM 122/126 Macroscopic Chemistry & Lab (5) CHM 123/127 Reaction Dynamics & Lab (5) CHM 211/215 Organic Chemistry I & Lab (6)	51-52
III. Related Requirements ENG 333 Technical Writing (4) MTH 128 Accelerated College Algebra (3) OR MTH 129 College Algebra (5) STT 160 Statistical Concepts (5)	12-14
Total	91-96

Semester System Program	Hours
I. Wright State Core Element 1: Communication (6) Element 2: Mathematics (3) MTH 2240 Applied Calculus (4) Element 3: Global Traditions (6) Element 4: Arts/Humanities (3) Element 5: Social Science (6) Element 6: Natural Science (8) EES 2510, 2550 Additional Core Courses (6) EES 2600 + one additional core course <i>Multicultural Competence (MC): required, additional course in MC in any Element or as an additional course within Element 3.</i> <i>Writing Across the Curriculum (IW): required, two integrated Writing (IW) Core courses</i>	39
II. Departmental Requirements STT 2640 Elementary Statistics(4) CHM 1210 General Chemistry I (3) CHM 1210L General Chemistry I Lab (2) CHM 1220 General Chemistry II (3) CHM 1220L General Chemistry II Lab (2) BIO 1120 Cells & Genes (4) BIO 1150 Organisms & Ecosystems (4) IT 2550 Emerging Software Technologies (3)	25
III. Related Requirements EES field courses (1-3)	1-3
Total	65-68

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	Lake
Department	
Degree (A.A. B.S., B.F.A., etc.) & Title	A.A.B. Graphic Design and Visual Media
Concentration, Track, Option, Specialization	
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education ENG 101 Academic Writing and Reading (4) ENG 102 Writing in Academic Discourse (4)	16
II. Departmental Requirements IT 101 Graphic Terminology/Design Elements (3) IT 121 Photography (3) IT 130 Art Applications in Graphic Design (3) IT 140 Typography (3) IT 141 Digital Media I (3) IT 160 Principles of Color Theory (3) IT 201 Photoshop I (3) IT 202 Photoshop II (3) IT 203 Advanced Photoshop (3) IT 210 Graphics I (3) IT 211 Graphics II (3) IT 220 Web Theory & Design I (3) IT 221 Web Theory & Design II (3) IT 222 Web Theory & Design III (3) IT 230 E-Commerce/Advertising Concepts (3) IT 235 Brand Experience Concepts (3) IT 240 Employment Portfolio Development (3) IT 250 Advanced Software Exploration (3) IT 270 Capstone (4) OR IT 299 Internship (4)	39
III. Related Requirements ENG 330 Business Writing (4) CS 205 Computer Literacy & Office Automation (4) TMK 297 Promotional Design (3) TOA 205 Speaking Skills/Multimedia Presentations (3) TOA 241 Desktop Publishing (3) OR CS 207 Advanced Office Productivity II (4) TOA 242 Desktop Publishing II (3) TOA 243 Desktop Publishing III (3)	20
IV. Electives General Education electives. Select no more than one course per area: Area II, III, IV, V, VI	19 - 20
Total	94 - 95

Semester System Program	Hours
I. Core Elements Core 1 Communication ENG 1100 Academic Writing and Reading (3) ENG 2100 Research & Argument (3) Core 2 Mathematics MTH 1450 Math & the Modern World (3) Core 4 Arts/Humanities (3) Core 5 Social Science (3) Core 6 Natural Science (4)	19
II. Departmental Requirements IT 1010 Graphic Terminology & Design Concepts (3) IT 1400 Layout and Typography (3) IT 2010 Photoshop I (3) IT 1300 Illustration (3) IT 2200 Web Theory & Design I (3) IT 2020 Photoshop II (3) IT 1210 Beginning Photography (3) IT 2050 Speaking Skills (3) IT 2350 Brand Development (3) IT 2210 Web Theory & Design II (3) IT 1410 Digital Media (3) IT 2500 Promotional Design (3) IT 2400 Portfolio Development (3) IT 2300 E-Commerce (3)	42
Electives Four courses from the following: CS 1010 Introduction to Computers and Office Productivity Software PLS 2000 Political Life (3) PSY 2000 (3) Special Topics ENG 3000 business Writing(3) TFI 2050 Business Finance (3) FAS 1010 Agriculture Society (3) EC 2000 Economic Life (3) EC 2040 Principles of Microeconomics (3) EC 2050 Principles of Macroeconomics (3) any science Also PSY 1010 Introduction to Psychology(3) or SOC 2000(3) Introduction to Sociology if not taken in Core Elements	12
Total	73

Academic Program Quarter to Semester Conversion and New Semester Program

College	Lake
Department	
Degree (A.A. B.S., B.F.A., etc.) & Title	A.A. History
Concentration, Track, Option, Specialization	
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education ENG 101 Academic Writing & Reading (4) ENG 102 Writing in Academic Discourse (4) MTH 145 Mathematics & the Modern World (4) General Education electives; Area III (8) General Education elective: Area III or IV (4) General Education elective: Area VI (Liberal Arts) (4) General Education elective: Area IV (4) General Education electives: Natural Science (12) General Education elective: Area II: Non-Western (4) General Education elective: (4)	52
II. Departmental Requirements HST 101 Ancient & Medieval Europe (4) HST 102 Early Modern Europe: 14 th -18 th Centuries (4) HST 103 Modern Europe: 19 th -20 th Centuries (4) HST 211 American Civilizations: Colonial Foundations to 1877 (4) HST 212 American Civilizations: 1877 to Present (4)	20
III. Related Requirements CS 205 Computer Literacy & Office Automation (4) Foreign Language: Spanish, German or French (12) Communication elective (4)	20
Total	92

Semester System Program	Hours
I. Wright State Core Element 1: Communication (6) Element 2: Mathematics (3) Element 3: Global Traditions (6) Element 4: Arts/Humanities (3) Element 5: Social Science (6) Element 6: Natural Science (8) Additional Core Courses (6) <i>Multicultural Competence (MC): required, additional course in MC in any Element or as an additional course within Element 3.</i> <i>Writing Across the Curriculum (IW): required, two integrated Writing (IW) Core courses</i>	38
II. Departmental Requirements HST 1100 Western Civilization to 1500 (3) HST 1200 The West & the World since 1500 (3) 2 of the following 3 courses: HST 2110 American History to 1877 (3), HST 2120 American History Since 1877 (3), HST 3650 Ohio History	12
III. Related Requirements 4 classes from at least 3 categories: Foreign Language, Communication, Philosophy, CS 1010 Introduction to Computers and Office Productivity Software or any 3000 or 4000 level History course(s)	12
Total	62

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	Lake
Department	
Degree (A.A. B.S., B.F.A., etc.) & Title	A.A. Liberal Studies
Concentration, Track, Option, Specialization	
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education ENG 101 Academic Writing & Reading (4) ENG 102 Writing in Academic Discourse (4) MTH 145 Mathematics & the Modern World (4) General Education elective: Area II – Non-Western (4) General Education elective: Area II – History (4) General Education electives: Areas II. III. or IV (8) General Education electives: Area III (8) General Education elective: Area IV (4) General Education elective: Area VI (4) General Education electives: Natural Science (12) General Education electives (8)	64
II. Departmental Requirements Foreign Language or Core Electives* (12) Electives, Core Competencies* (8) <i>*Core competency areas: communication, critical thinking, understanding society, and self-understanding</i>	20
III. Related Requirements Professional electives (12)	12
Total	96

Semester System Program	Hours
I. Wright State Core Element 1: Communication (6) Element 2: Mathematics (3) Element 3: Global Traditions (6) Element 4: Arts/Humanities (3) Element 5: Social Science (6) Element 6: Natural Science (8) Additional Core Courses (6) <i>Multicultural Competence (MC): required, additional course in MC in any Element or as an additional course within Element 3.</i> <i>Writing Across the Curriculum (IW): required, two integrated Writing (IW) Core courses</i>	38
II. Departmental Requirements Core curriculum: 4 courses in 3 areas: Fine Arts, Humanities, Social Sciences Students must take at least one course in each of the areas. Concentration: 2 courses (1 integrated writing) 1 professional component course	21
III. Related Requirements College Requirement: Foreign Language 2 courses	6
Total	65

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	Lake
Department	
Degree (A.A. B.S., B.F.A., etc.) & Title	A.A.B. Office Information Systems
Concentration, Track, Option, Specialization	Executive Administrative Assistant
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours	Semester System Program	Hours
I. General Education COM 203 Business Communication (3 qtr hrs) ENG 101 Academic Writing (4) ENG 102 Writing in Academic Discourse (4) General Education courses (12)	23	I. Wright State Core Element 1: Communication (3) Element 2: Mathematics (3) Element 4: Arts/Humanities (3) Element 5: Social Science (3) Element 6: Natural Science (4)	16
II. Departmental Requirements EDT 211 Keyboarding (3) EDT 212 Advanced Keyboarding/DPI (3) EDT 220 Basic Word/Information Processing (3) EDT 221 Intermediate Word/Information Processing (3) EDT 222 Advanced Word/Information Processing (3) TOA 101 Professional Development I (1) TOA 102 Professional Development II (1) TOA 103 Professional Development III (1) TOA 104 Professional Development IV (1) TOA 105 Professional Development V (1) TOA 106 Professional Development VI (1) TOA 111 Speedwriting I (3) TOA 112 Speedwriting II (3) TOA 115 Business/Office Correspondence (3) TOA 200 Software Applications (3) TOA 210 Job Search/Portfolio Development (4) TOA 223 Word Processing Simulations (3) TOA 224 Office Procedures I (3) TOA 225 Office Procedures II (3) TOA 226 Office Procedures III (3) TOA 230 Records Management (3) TOA 231 Office Management (3) TOA 233 Machine Transcription I (3) TOA 235 Calculator Applications (3) TOA 241 Desktop Publishing I (3) TOA 242 Desktop Publishing II (3)	70	II. Departmental Requirements OIS 1050 Beginning Keyboarding ¹ (3) OR OIS 1060 Advanced Keyboarding ² – Speed & Accuracy (3) OIS 1070 Introduction to Word Processing (3) OIS 2060 Desktop Publishing Using Word (3) OIS 1010 Professional Development I (1) OIS 1020 Professional Development II (1) OIS 1030 Professional Development III (1) OIS 1040 Professional Development IV (1) OIS 1120 Speedwriting (3) OIS 1150 Business/Office Correspondence (3) OIS 2170 Integrated Office Software (3) OIS 2150 Job Search/Portfolio Development (3) OIS 2100 Administrative Office Procedures (3) OIS 2200 Administrative Office Management (3) OIS 2050 Desktop Publishing (InDesign) (3) OIS 2500 Office Internship ³ (2) OR OIS 2480 Capstone Project ³ (2) OIS 1250 Publisher for Office (Desktop Publishing) (2) OIS 1260 Excel for Office (Spreadsheet) (2) OIS 1270 PowerPoint for Office (Presentations) (2) OIS 1280 Access for Office (Databases) (2) OIS 2120 Financial Recordkeeping (Quickbooks) (3) OIS 2180 Emerging Technology Trends in the Office (3)	50
III. Related Requirements CS 205 Computer Literacy & Office Automation (4) TAD 200 Business Law (4)	8	III. Related Elective	
Total	101	Total	66

Notes: ¹If not keyboarding proficient (30 WPM), enroll in OIS 1050 Beginning Keyboarding; ²If keyboarding proficient (30 WPM), enroll in OIS 1060 – Advanced Keyboarding; ³students can select either an internship or a capstone project with approval of Program Director

Academic Program Quarter to Semester Conversion and New Semester Program

College	Lake
Department	
Degree (A.A. B.S., B.F.A., etc.) & Title	A.A.B. Office Information Systems
Concentration, Track, Option, Specialization	Legal Administrative Assistant
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education COM 203 Business Communication (3 qtr hrs) ENG 101 Academic Writing (4) ENG 102 Writing in Academic Discourse (4) General Education courses (12)	23
II. Departmental Requirements EDT 211 Keyboarding (3) EDT 212 Advanced Keyboarding/DPI (3) EDT 220 Basic Word/Information Processing (3) EDT 221 Intermediate Word/Information Processing (3) EDT 222 Advanced Word/Information Processing (3) TOA 101 Professional Development I (1) TOA 102 Professional Development II (1) TOA 103 Professional Development III (1) TOA 104 Professional Development IV (1) TOA 105 Professional Development V (1) TOA 106 Professional Development VI (1) TOA 111 Speedwriting I (3) TOA 112 Speedwriting II (3) TOA 115 Business/Office Correspondence (3) TOA 200 Software Applications (3) TOA 210 Job Search/Portfolio Development (4) TOA 223 Word Processing Simulations (3) TOA 224 Office Procedures I (3) TOA 225 Office Procedures II (3) TOA 226 Office Procedures III (3) TOA 230 Records Management (3) TOA 231 Office Management (3) TOA 233 Machine Transcription I (Legal) (3) TOA 235 Calculator Applications (3) TOA 241 Desktop Publishing I (3) TOA 242 Desktop Publishing II (3) TOA 251 Legal Terminology (3)	70
III. Related Requirements CS 205 Computer Literacy & Office Automation (4) TAD 200 Business Law (4)	8
Total	101

Semester System Program	Hours
I. Wright State Core Element 1: Communication (3) Element 2: Mathematics (3) Element 4: Arts/Humanities (3) Element 5: Social Science (3) Element 6: Natural Science (4)	16
II. Departmental Requirements OIS 1050 Beginning Keyboarding ¹ (3) OR OIS 1060 Advanced Keyboarding ² - Speed & Accuracy (3) OIS 1070 Introduction to Word Processing (3) OIS 2070 Legal Document Formatting Using Word (3) OIS 1010 Professional Development I (1) OIS 1020 Professional Development II (1) OIS 1030 Professional Development III (1) OIS 1040 Professional Development IV (1) OIS 1120 Speedwriting (3) OIS 1150 Business/Office Correspondence (3) OIS 2150 Job Search/Portfolio Development (3) OIS 2200 Administrative Office Management (3) OIS 2310 Legal Transcription (3) OIS 2320 Legal Terminology & Practice (3) OIS 2500 Office Internship ³ (2) OR OIS 2480 Capstone Project ³ (2) OIS 1250 Publisher for Office (Desktop Publishing) (2) OIS 1260 Excel for Office (Spreadsheet) (2) OIS 1270 PowerPoint for Office (Presentations) (2) OIS 1280 Access for Office (Databases) (2) OIS 2180 Emerging Technology Trends in the Office (3) OIS 200 Legal Administrative Assistant Procedures (3) TAD 2000 Business Law (3)	50
III. Related Elective	
Total	66

Notes: ¹If not keyboarding proficient (30 WPM), enroll in OIS 1050 Beginning Keyboarding; ²If keyboarding proficient (30 WPM), enroll in OIS 1060 – Advanced Keyboarding; ³students can select either an internship or a capstone project with approval of Program Director

Academic Program Quarter to Semester Conversion and New Semester Program

College	Lake
Department	
Degree (A.A. B.S., B.F.A., etc.) & Title	A.A.B. Office Information Systems
Concentration, Track, Option, Specialization	Medical Administrative Assistant
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education BIO 107 Introduction to Biology: Disease (4 qtr hrs) ENG 101 Academic Writing (4) ENG 102 Writing in Academic Discourse (4) General Education courses (8)	20
II. Departmental Requirements EDT 211 Keyboarding (3) EDT 212 Advanced Keyboarding/DPI (3) EDT 220 Basic Word/Information Processing (3) EDT 221 Intermediate Word/Information Processing (3) EDT 222 Advanced Word/Information Processing (3) TOA 101 Professional Development I (1) TOA 102 Professional Development II (1) TOA 103 Professional Development III (1) TOA 104 Professional Development IV (1) TOA 105 Professional Development V (1) TOA 106 Professional Development VI (1) TOA 111 Speedwriting I (3) TOA 112 Speedwriting II (3) TOA 115 Business/Office Correspondence (3) TOA 210 Job Search/Portfolio Development (4) TOA 224 Office Procedures I (3) TOA 225 Office Procedures II (3) TOA 226 Office Procedures III (3) TOA 230 Records Management (3) TOA 231 Office Management (3) TOA 233 Machine Transcription I (Medical) (3) TOA 234 Machine Transcription II (Medical) (3) TOA 235 Calculator Applications (3) TOA 241 Desktop Publishing I (3) TOA 252 Medical Terminology I (3) TOA 253 Medical Terminology II (3) TOA 255 Medical Coding I (3) TOA 256 Medical Coding II (3) TOA 297 Medical Billing (3) TOA 297 Medical Office Applications (3)	70
III. Related Requirements CS 205 Computer Literacy & Office Automation (4)	4
Total	103

Semester System Program	Hours
I. Wright State Core Element 1: Communication (3) Element 2: Mathematics (3) Element 4: Arts/Humanities (3) Element 5: Social Science (3) Element 6: Natural Science (4)	16
II. Departmental Requirements OIS 1050 Beginning Keyboarding ¹ (3) OR OIS 1060 Advanced Keyboarding ² - Speed & Accuracy (3) OIS 1070 Introduction to Word Processing (3) OIS 2080 Medical Document Formatting Using Word (3) OIS 1010 Professional Development I (1) OIS 1020 Professional Development II (1) OIS 1030 Professional Development III (1) OIS 1040 Professional Development IV (1) OIS 1120 Speedwriting (3) OIS 1150 Business/Office Correspondence (3) OIS 2150 Job Search/Portfolio Development (3) OIS 2100 Administrative Office Procedures (3) OIS 2200 Administrative Office Management (3) OIS 2300 Medical Transcription (3) OIS 1230 Medical Terminology & Practice (3) OIS 2010 Medical Coding Using ICD9-CM (3) OIS 2020 Medical Coding Using CPT (3) OIS 2030 Medical Billing (3) OIS 2040 Hands-On Medical Applications (3) OIS 2500 Office Internship ³ (2) OR OIS 2480 Capstone Project ³ (2) OIS 1260 Excel for Office (Spreadsheet) (2) OIS 2270 Computers in the Medical Office (3)	53
III. Related Elective	
Total	69

Notes: ¹If not keyboarding proficient (30 WPM), enroll in OIS 1050 Beginning Keyboarding; ²If keyboarding proficient (30 WPM), enroll in OIS 1060 – Advanced Keyboarding; ³students can select either an internship or a capstone project with approval of Program Director

Academic Program Quarter to Semester Conversion and New Semester Program

College	Lake
Department	
Degree (A.A. B.S., B.F.A., etc.) & Title	A.A. Psychology
Concentration, Track, Option, Specialization	
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education Required Substitutions: Area I: STT 160 Area III: PSY 105 (required selection) Area VI: PSY 110	57
II. Departmental Core Requirements At least 2 core courses (from Row 1 or Row 2) Row 1: PSY 321 Row 2: PSY 311, 341, 351 Psychology Electives	8
III. Related course requirements MTH 126 Accelerated College Algebra (3) OR MTH 127 College Algebra (5) CS 205 Computer Literacy & Office Automation (4) ENG 333 Technical Writing (4)	11-13
IV. General Electives	19
Total	95-97

Semester System Program	Hours
I. Wright State Core Element 1: Communication (6) Element 2: Mathematics (4) Element 3: Global Traditions (6) Element 4: Arts and Humanities (3) Element 5: Social Sciences (7) PSY 1010 (4) required Element 6: Natural Sciences (8) Additional Core Courses (4) <i>Multicultural Competence (MC): required, additional course in MC in any Element or as an additional course within Element 3.</i> <i>Writing Across the Curriculum (IW): required, two integrated Writing (IW) Core courses</i>	38
II. Departmental Core Requirements At least 3 Core courses (from Row 1 and Row 2) Row 1: PSY 3210 Cognition and Learning (3) Row 2: PSY 3110 Abnormal Psychology (3) PSY 3410 Lifespan Development Psychology (3) PSY 3510 Social Psychology (3) At least 1 Psychology elective PSY 2000 (3) Special Topics PSY 2110 Human Sexuality (3)	12
III. Required Supporting Course(s) MTH 1260 Intermediate Algebra (4)	4
General Electives	6
Total	60

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	Lake
Department	
Degree (A.A. B.S., B.F.A., etc.) & Title	A.A. Social Work
Concentration, Track, Option, Specialization	
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education ENG 101 Academic Writing and Reading (4) ENG 102 Writing in Academic Discourse (4) MTH 145 Mathematics & the Modern World (4) BIO 107 Introduction to Biology: Disease (4) EC 200 Economic Life (4) PLS 200 Political Life (4) PSY 105 Psychology: The Science of Behavior (4) SOC 200 Social Life (4) General Education electives: Natural Science (8) General Education electives: Area II (8) General Education elective: Area IV (4)	52
II. Departmental Requirements PSY 110 Psychology of Behavior II (4) PSY 200 Problems in Interviewing & Case Management (4) PSY 341 Lifespan Development Psychology (4) SOC 221 Exploring Social Issues: Issues in Field Placement (4) SOC 332 Juvenile Delinquency (4) SW 270 Introduction to the Social Welfare and Social Work (4) SW 271 Social Welfare and Social Services (4) SW 272 Cultural Competence in a Diverse World (4)	32
III. Related Requirements COM 104 Human Communication (4) CS 205 Computer Literacy & Office Automation (4) RHB 210 Introduction to Alcohol & Drugs (4)	12
Total	96

Semester System Program	Hours
I. Wright State Core Element 1: Communication (6) Element 2: Mathematics (3) Element 3: Global Traditions (6) Element 4: Arts/Humanities (3) Element 5: Social Science (6) Element 6: Natural Science (8) Additional Core Courses (6) Required courses PSY 1010, PLS 2000 <i>Multicultural Competence (MC): required, additional course in MC in any Element or as an additional course within Element 3.</i> <i>Writing Across the Curriculum (IW): required, two integrated Writing (IW) Core courses</i>	39
II. Departmental Requirements SW 2700 Introduction to Social Work (3) SW 2710 Introduction to Social Welfare (3) SW 2720 Cultural Competency (3) SOC 2000 Introduction to Sociology (3)	12
III. Related Requirements Three classes (Maximum of two per discipline) RHB 2100 OR COM 1010 Essentials of Public Address (3) FAS 1010 Agricultural Society (3) PSY 2000 (3) Special Topics PSY 3510 Social Psychology (3) PSY 3110 Abnormal Psychology (3) LE 1000 Introduction to Law Enforcement (3) LE 1010 Criminal Law for Law Enforcement (3) CS 1010 Introduction to Computer and Productivity Software (3) Foreign Language (6)	
Total	60

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	Lake
Department	
Degree (A.A. B.S., B.F.A., etc.) & Title	A.A. Sociology
Concentration, Track, Option, Specialization	
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education ENG 101 Academic Writing and Reading (4) ENG 102 Writing in Academic Discourse (4) MTH 145 Mathematics & the Modern World (4) PSY 105 Psychology: The Science of Behavior (4) SOC 200 Social Life (4) General Education electives: Natural Science (12) General Education electives: Area II (8) General Education elective: Area IV (4) General Education elective: Area VI (Liberal Arts) (4) General Education electives: Area II, III, or IV (8)	56
II. Departmental Requirements COM 104 Human Communication (4) CS Computer Literacy & Office Automation (4) ENG 333 Technical Writing (4) PSY 110 Psychology of Behavior II (4) PSY 200 Problems in Interviewing & Case Management (4) PSY 341 Lifespan Development (4) SOC 221 Exploring Social Issues: Issues in Field Placement (4) SOC 332 Juvenile Delinquency (4)	32
III. Related Requirements Open electives (8)	8
Total	96

Semester System Program	Hours
I. Wright State Core Element 1: Communication (6) Element 2: Mathematics (3) Element 3: Global Traditions (6) Element 4: Arts/Humanities (3) Element 5: Social Science (6) Element 6: Natural Science (8) Additional Core Courses (6) Required courses SOC 2000, PLS 2000 <i>Multicultural Competence (MC): required, additional course in MC in any Element or as an additional course within Element 3.</i> <i>Writing Across the Curriculum (IW): required, two integrated Writing (IW) Core courses</i>	38
II. Departmental Requirements PSY 1010 Introduction to Psychology (4) SOC 3320 Sociology of Work (3) SOC 3300 Social Organization (3) PLS elective (3) IT 2050 Presentation Skills (3) OR COM 1010 Essentials of Public Address (3)	16
III. Related Requirements Select Two courses (in two disciplines) LE 1000 Introduction to Law Enforcement (3) LE 1010 Criminal Law for Law Enforcement (3) LE 1020 Introduction to Legal Procedures (3) PSY Elective (3) FAS 1010 Agricultural Society (3) SW 2700 Introduction to Social Work (3) SW 2720 Cultural Competency (3) CS 1010 Introduction to Computer and Productivity Software (3) Foreign Language (6)	6
Total	60

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	Lake
Department	
Degree (A.A. B.S., B.F.A., etc.) & Title	A.T.S. Technical Studies
Concentration, Track, Option, Specialization	Agriculture
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education ENG 101 Academic Writing and Reading (4) ENG 102 Writing in Academic Discourse (4) MTH 145 Mathematics and the Modern World (4) SOC 200 Social Life (4) OR PSY 105 Psychology: The Science of Behavior (4) OR SOC 221* Technology in Society (4) * non GE course	16*
II. Departmental Requirements Technical electives developed by combining courses from two or more academic programs in technical areas. This development is done with the guidance of a designated faculty member/advisor. Technical programs are: Applied Business and Applied Science technologies. <i>As an alternative, part of the student's degree requirements may incorporate credit awarded through articulation or transfer agreements with other educational providers.</i>	45
III. Related Requirements CS 205 Computer Literacy & Office Automation (4) COM 101 Essentials of Public Address (4) OR COM 104 Introduction to Human Communication (4)	8
IV. Electives General Education electives. Select no more than one course per area: Area II, III, IV, V, VI (12) Related courses deemed appropriate to the student's elected concentration. Academic advisor approval required. (12)	24
Total	93

Semester System Program	Hours
I. Wright State Core Core 1 Communication ENG 1100 Academic Writing and Reading (3) Core 2 Mathematics (3) Core 4 Arts/Humanities (3) Core 5 Social Science (3) Core 6 Natural Science (4)	16
II. Departmental Core Requirements FAS 1010 Agriculture Society (3) FAS 2100 Farm Management (3) Additional FAS courses or agriculture-related technical courses (advisor approval required) (18)	24
III. Related Requirements IT 2050 Presentation Skills (3) OR COM 1010 Essentials of Public Address (3) CS 1010 Introduction to Computers and Office Productivity Software (3)	6
IV. Electives As deemed appropriate for the student selected concentration. Advisor approval required	15
Total	61

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	Lake
Department	
Degree (A.A. B.S., B.F.A., etc.) & Title	A.T.S. Technical Studies
Concentration, Track, Option, Specialization	Law Enforcement
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education ENG 101 Academic Writing and Reading (4) ENG 102 Writing in Academic Discourse (4) MTH 145 Mathematics and the Modern World (4) SOC 200 Social Life (4) PSY 105 Psychology: The Science of Behavior (4) PLS 200 Political Life (4)	24
II. Departmental Requirements LE 100 Police in Society (4) LE 101 Introduction to Police Operations (4) LE 102 Introduction to Criminal Law (4) LE 103 Introduction to Criminal Evidence & Procedures (4) LE 104 Procedures in Crime Investigations Capstone (4) SOC 221 Corrections (4) <i>As an alternative, part of the student's degree requirements may incorporate credit awarded through articulation or transfer agreements with other educational providers.</i>	24
III. Related Requirements CS 205 Computer Literacy & Office Automation (4) COM 101 Essentials of Public Address (4) COM 104 Introduction to Human Communication (4) COM 203 Business Communication (3) IT 121 Photography (3) PSY 200 Interviewing & Counseling (4) TMG 201 Fundamentals of Management (4) TMG 210 Personnel Management (3)	29
IV. Electives General Education electives. Select no more than one course per area: Area II, III, IV, V, VI (12) Related course deemed appropriate to the student's elected concentration. Academic advisor approval required. (4)	16
Total	93

Semester System Program	Hours
I. Wright State Core Core 1 Communication (3) Core 2 Mathematics (3) MTH 1450 Math & the Modern World (3) STT 1600 Statistical Concepts (4) Core 4 Arts/Humanities (3) Core 5 Social Science (3) PLS 2000 Political Life (3) Core 6 Natural Science (4)	16-17
II. Departmental Core Requirements IT 1210 Beginning Photography (3) IT 2050 Presentation Skills (3) SOC 2000 Introduction to Sociology (3) PSY 1010 Introduction to Psychology (4) One (1) course from the following (3-4): GEO 2100 Physical Geography (3) GEO 2200 Human Geography (3) GEO 3100 Economic Geography (3) OIS 1220 Legal Terminology & Practice (3) URS 2000 Growth & Change in Urban Society (3) PSY 2000 (3) Varied Topics PSY 3110 Abnormal Psychology (3) EC 2000 Economic Life (3) MTH 1450 Math & the Modern World (3) STT 1600 Statistical Concepts (4) Any science (4) Foreign language (one section - 3)	16-17
III. Related Requirements LE 1000 Introduction to Law Enforcement (3) PLS 4420 Any 4 courses in criminal justice related courses: LE, SOC, PLS, URS (12) Any four (4) courses from the following: (12) ENG 3000 IT 2400 Employment Portfolio Development (3) OIS 1150 Business/Office Correspondence (3) OIS 1220 Legal Terminology & Practice (3) OIS 2050 Desktop Publishing (3) OIS 2310 Legal Transcription (3) TFI 2050 Business Finance (3) CS 1010 Introduction to Computers & Office Productivity Software (3) SW 2700 Introduction to Social Work (3) SW 2720 Cultural Competency (3) FAS 1010 Agricultural Society (3)	30
IV. Electives	
Total	62-64

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	Lake
Department	
Degree (A.A. B.S., B.F.A., etc.) & Title	A.T.S. Technical Studies
Concentration, Track, Option, Specialization	Management Option
Minor Program Title	
Certificate Program Title	

Quarter System Program	
	Hours
I. General Education ENG 101 Academic Writing and Reading (4) ENG 102 Writing in Academic Discourse (4) MTH 145 Mathematics and the Modern World (4) SOC 200 Social Life (4) OR PSY 105 Psychology: The Science of Behavior (4) EC 200 Economic Life (4)	20
II. Departmental Requirements ACC 204 Accounting Principles (4) ENG 330 Business Writing (4) COM Business Communications (4) MKT 250 Principles of Marketing (4) TAD 200 Business Law (4) TMG 204 Fundamentals of Management (4) TMG 210 Personnel Management (3) TMG 270 Production Management (3) TMG 280 Small Business Management (3) TMG 299 Internship (3) IT 230 E-Commerce & Advertising Concepts (3) IT 235 Brand Development (3) <i>As an alternative, part of the student's degree requirements may incorporate credit awarded through articulation or transfer agreements with other educational providers.</i>	42
III. Related Requirements CS 205 Computer Literacy & Office Automation (4) CS 206 Computer Software Productivity (4) CS 207 Advanced Office Productivity (4) COM 101 Essentials of Public Address (4) COM 104 Introduction to Human Communication (4)	20
IV. Electives General Education electives. Select no more than one course per area: Area II, III, IV, V, VI (12)	12
Total	94

Semester System Program	
	Hours
I. Wright State Core Core 1 Communication ENG 1100 Academic Writing and Reading (3) ENG 2100 Research & Argument (3) Core 2 Mathematics MTH 1450 Math & the Modern World (3) Core 4 Arts/Humanities (3) Core 5 Social Science (3) Core 6 Natural Science (4)	19
II. Departmental Requirements ACC 2040 Accounting Principles I (3) MKT 2500 Principles of Marketing (3) TAD 2000 Business Law (3) TMG 2040 Fundamentals of Management (3) TMG 2100 Personnel Management (3) TMG 2700 Production Management (3) TMG 2800 Small Business Management (3) IT 2050 Speaking Skills (3) IT 2300 E-Commerce (3) IT 2350 Brand Development (3)	30
III. Related Requirements Four (4) courses from the following: CS 1010 Introduction to Computers and Office Productivity Software PLS 2000 Political Life (3) PSY 2000 (3) ENG 3000 Business Writing TFI 2050 Business Finance (3) FAS 1010 Agriculture Society (3) EC 2000 Economic Life (3) EC 2040 Principles of Microeconomics (3) EC 2050 Principles of Macroeconomics (3) Also PSY 1010 Introduction to Psychology OR SOC 2000 Introduction to Sociology (3) If not taken in Core Elements	12
IV. Electives	
Total	62

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	Lake
Department	
Degree (A.A. B.S., B.F.A., etc.) & Title	A.T.S. Technical Studies
Concentration, Track, Option, Specialization	Marketing Option
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education ENG 101 Academic Writing and Reading (4) ENG 102 Writing in Academic Discourse (4) MTH 145 Mathematics and the Modern World (4) SOC 200 Social Life (4) OR PSY 105 Psychology: The Science of Behavior (4)	16
II. Departmental Requirements ACC 204 Accounting Principles (4) ENG 330 Business Writing (4) COM 203 Business Communications (3) MKT 250 Principles of Marketing (4) TAD 200 Business Law (4) TMG 204 Fundamentals of Management (4) TMK 202 Marketing II (3) TMK 297 Advertising (3) TMG 299 Internship (3) IT 230 E-Commerce & Advertising Concepts (3) IT 235 Brand Development (3) <i>As an alternative, part of the student's degree requirements may incorporate credit awarded through articulation or transfer agreements with other educational providers.</i>	38
III. Related Requirements CS 205 Computer Literacy & Office Automation (4) CS 206 Computer Software Productivity (4) CS 207 Advanced Office Productivity (4) COM 101 Essentials of Public Address (4) COM 104 Introduction to Human Communication (4)	25
IV. Electives General Education electives. Select no more than one course per area: Area II, III, IV, V, VI (16) General Education elective or a TOA or IT course* (3-4) *(any class other than a GE elective must be approved by an academic advisor)	19-20
Total	98-99

Semester System Program	Hours
I. Wright State Core Core 1 Communication ENG 1100 Academic Writing and Reading (3) ENG 2100 Research & Argument (3) Core 2 Mathematics MTH 1450 Math & the Modern World (3) Core 4 Arts/Humanities (3) Core 5 Social Science (3) Core 6 Natural Science (4)	19
II. Departmental Requirements ACC 2040 Accounting Principles I (3) MKT 2500 Principles of Marketing (3) TAD 2000 Business Law (3) TMG 2040 Fundamentals of Management (3) IT 2500 Promotional Design (3) IT 2050 Speaking Skills (3) IT 2300 E-Commerce (3) IT 2350 Brand Development (3)	24
III. Related Requirements Four (4) courses from the following: CS 1010 Introduction to Computers and Office Productivity Software PLS 2000 Political Life (3) PSY 2000 (3) ENG 3000 Business Writing TFI 2050 Business Finance (3) FAS 1010 Agriculture Society (3) EC 2000 Economic Life (3) EC 2040 Principles of Microeconomics (3) EC 2050 Principles of Macroeconomics (3) Also PSY 1010 Introduction to Psychology OR SOC 2000 Introduction to Sociology (3) If not taken in Core Elements	12
IV. Electives Open electives	6
Total	61

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	Lake
Department	
Degree (A.A. B.S., B.F.A., etc.) & Title	A.T.S. Technical Studies
Concentration, Track, Option, Specialization	Technical Skills Trac Option
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education ENG 101 Academic Writing and Reading (4) ENG 102 Writing in Academic Discourse (4) MTH 145 Mathematics and the Modern World (4) SOC 200 Social Life (4) OR PSY 105 Psychology: The Science of Behavior (4) OR SOC 221* Technology in Society (4) * non GE course	16*
II. Departmental Requirements TEG 297 Maintenance Fundamentals & Industrial Mechanics (12) Green level skills TEG 297 Industrial Electricity & Fluid Power (10) Yellow level skills TEG 297 Basic Machining & Welding (9) White level skills TEG 297 Industrial Controls & PLCs (6) Red level skills TEG 297 Automation Systems (8) Blue level skills <i>As an alternative, part of the student's degree requirements may incorporate credit awarded through articulation or transfer agreements with other educational providers.</i>	45
III. Related Requirements CS 205 Computer Literacy & Office Automation (4) COM 101 Essentials of Public Address (4) OR COM 104 Introduction to Human Communication (4)	8
IV. Electives General Education electives. Select no more than one course per area: Area II, III, IV, V, VI (12) Related courses deemed appropriate to the student's elected concentration. Academic advisor approval required. (12)	24
Total	93

Semester System Program	Hours
I. Wright State Core Core 1 Communication (3) Core 2 Mathematics (3-4) *Select one of the following: EGR 1010 Introductory Math for Engineering Applications (4) MTH 1450 Mathematics & the Modern World (3) MTH 1260 Intermediate Algebra (4) STT 1600 Statistical Concepts (4) Core 4 Arts/Humanities (3) Core 5 Social Science (3) Core 6 Natural Science (4)	16-17
II. Departmental Requirements TEG 2910 Maintenance Fundamentals & Industrial Mechanics (8) TEG 2920 Industrial Electricity & Fluid Power (7) TEG 2930 Basic Machining & Welding (6) TEG 2940 Industrial Controls & PLCs (4) TEG 2950 Automation Systems (5) As an alternative, part of the student's core requirements may incorporate credit awarded through articulation or transfer agreements with other educational providers or substitutions granted by the university. Advisor approval required. At least twelve (12) semester hours of this work must be completed at Wright State University.	30
III. Related Requirements CS 1010 Introduction to Computers and Office Productivity Software (3) COM 1010 Essentials of Public Address (3) OR COM elective (3)	6
IV. Electives Open electives in Core courses or non-technical courses	8
Total	60-61

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	Other – Undergraduate Studies (Associate Provost Tom Sudkamp)
Department	Service-Learning
Degree (A.A. B.S., B.F.A., etc.) & Title	
Concentration, Track, Option, Specialization	
Minor Program Title	
Certificate Program Title	Citizen Scholar Certificate

Quarter System Program	Hours
I. General Education	
II. SRV 200: Citizenship in Our Democracy	4
III. SRV 400: Citizen Scholar Capstone Project	12
IV. Any three 200-400 level courses designated SRV or SRVI, two of which must be designated SRVI	4
V.	
Total	20

Semester System Program	Hours
I. Wright State Core	
II. SRV 2000: Engaged Citizenship	3
III. SRV 4000: Citizen Scholar Capstone Project	3
IV. Any two 2000-4000 level SRVI designated courses in the CORE or any department	6
V	
Total	12

Notes: In order to receive the Citizen Scholar Certificate, students must earn a 2.5 GPA or better in the certificate courses.

Academic Program Quarter to Semester Conversion and New Semester Program

College	Lake
Department	
Degree (A.A. B.S., B.F.A., etc.) & Title	A.T.S. Technical Studies
Concentration, Track, Option, Specialization	General
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education ENG 101 Academic Writing and Reading (4) ENG 102 Writing in Academic Discourse (4) MTH 145 Mathematics and the Modern World (4) SOC 200 Social Life (4) OR PSY 105 Psychology: The Science of Behavior (4) OR SOC 221* Technology in Society (4) * non GE course	16*
II. Departmental Requirements Technical electives developed by combining courses from two or more academic programs in technical areas. This development is done with the guidance of a designated faculty member/advisor. Technical programs are: Applied Business and Applied Science technologies. <i>As an alternative, part of the student's degree requirements may incorporate credit awarded through articulation or transfer agreements with other educational providers.</i>	45
III. Related Requirements CS 205 Computer Literacy & Office Automation (4) COM 101 Essentials of Public Address (4) OR COM 104 Introduction to Human Communication (4)	8
IV. Electives General Education electives. Select no more than one course per area: Area II, III, IV, V, VI (12) Related courses deemed appropriate to the student's elected concentration. Academic advisor approval required. (12)	24
Total	93

Semester System Program	Hours
I. Wright State Core Core 1 Communication (3) Core 2 Mathematics (3-4) *Select one of the following: EGR 1010 Introductory Math for Engineering Applications (4) OR MTH 1450 Mathematics & the Modern World (3) OR STT 1600 Statistical Concepts (4) Core 4 Arts/Humanities (3) Core 5 Social Science (3) Core 6 Natural Science (4)	16-17
II. Departmental Requirements Electives developed by combining courses from two or more academic programs in technical or non-technical areas. Faculty/Academic Advisor approval required. Select from the following areas: TEG, OIS, IT, TMG, ACC, CHM, PHY, CS, ME, EC, EDT, LE, PSY, SOC *As an alternative, part of the student's core requirements may incorporate credit awarded through articulation or transfer agreements with other educational providers or substitutions granted by the university. Advisor approval required. At least twelve (12) semester hours of this work must be completed at Wright State University.	30
III. Related Requirements CS 1010 Introduction to Computers and Office Productivity Software (3) COM 1010 Essentials of Public Address (3) OR COM elective (3)	6
IV. Electives Open electives in Core courses or non-technical courses	8
Total	60-61

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	Lake
Department	
Degree (A.A. B.S., B.F.A., etc.) & Title	A.T.S. Technical Studies
Concentration, Track, Option, Specialization	Law Enforcement Academy
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education ENG 101 Academic Writing and Reading (4) ENG 102 Writing in Academic Discourse (4) MTH 145 Mathematics and the Modern World (4) SOC 200 Social Life (4) PSY 105 Psychology: The Science of Behavior (4) PLS 200 Political Life (4)	24
II. Departmental Requirements LE 100 Police in Society (4) LE 101 Introduction to Police Operations (4) LE 102 Introduction to Criminal Law (4) LE 103 Introduction to Criminal Evidence & Procedures (4) LE 104 Procedures in Crime Investigations Capstone (4) SOC 221 Corrections (4) <i>As an alternative, part of the student's degree requirements may incorporate credit awarded through articulation or transfer agreements with other educational providers.</i>	24
III. Related Requirements CS 205 Computer Literacy & Office Automation (4) COM 101 Essentials of Public Address (4) COM 104 Introduction to Human Communication (4) COM 203 Business Communication (3) IT 121 Photography (3) PSY 200 Interviewing & Counseling (4) TMG 201 Fundamentals of Management (4) TMG 210 Personnel Management (3)	29
IV. Electives General Education electives. Select no more than one course per area: Area II, III, IV, V, VI (12) Related course deemed appropriate to the student's elected concentration. Academic advisor approval required. (4)	16
Total	93

Notes:

Semester System Program	Hours
I. Wright State Core Core 1 Communication (3) Core 2 Mathematics (3-4)* * MTH 1450 Math & the Modern World (3) OR STT 1600 Statistical Concepts (4) Core 4 Arts/Humanities (3) Core 5 Social Science (3)* *PLS 2000 Political Life (3) Core 6 Natural Science (4)	16-17
II. Departmental Core Requirements IT 2050 Presentation Skills (3) SOC 2000 Introduction to Sociology (3) PSY 1010 Introduction to Psychology (4) Two (2) courses from the following (6-8): GEO 2100 Physical Geography (3) GEO 2200 Human Geography (3) GEO 3100 Economic Geography (3) URS 2000 Growth & Change in Urban Society (3) PSY 2000 (3) Special Topics PSY 3110 Abnormal Psychology (3) ENG 3000 IT 2400 Employment Portfolio Development (3) OIS 1150 Business/Office Correspondence (3) TFI 2050 Business Finance (3) FAS 1010 Agriculture Society (3) Any science (4) Foreign language (one section - 3) EC 2000 Economic Life (3) MTH 1450 Math & the Modern World (3) STT 1600 Statistics Concepts (4)	16-18
III. Related Requirements Completion of OPOTA, Ohio Basic Law Enforcement Academy with certificate (16) Five (5) courses from the following: 3-4 courses in LE, SOC*, or PLS* *criminal justice related; courses have prerequisites 1-2 courses from IT 1210 Beginning Photography (3) OIS 1220 Legal Terminology & Practice (3) FAS 1010 Agriculture Society (3) CS 1010 Introduction to Computers & Office Productivity Software (3) SW 2700 Introduction to Social Work (3) SW 2720 Cultural Competency (3) Any technical course in OIS, IT and TFI not taken in basic coursework (take two courses if three core classes taken in LEL, SOC, and PLS, courses can count in one section)	31
IV. Electives	
Total	63-66

Academic Program Quarter to Semester Conversion

College	Science and Mathematics
Department	Biological Sciences
Degree, Major Program	Bachelor of Science: Clinical Laboratory Sciences

Quarter System	Hours	Semester System	Hours
I. General Education BIO 112 STT 264 and 265 CHM 121/125, 122/126, 123/127 AREA VI EES 260 or PSY110 or SM101 or SM 205	40	I. Wright State Core Element 1: Communication Element 2: Mathematics STT 2640 required Element 3: Global Traditions Element 4: Arts and Humanities Element 5: Social Sciences Element 6: Natural Sciences BIO 1120 and BIO 1150 required Additional Core Courses CHM 1210/1210L, CHM 1220/1220L required	43
II. Departmental Core Requirements BIO 112 BIO 210, 211, 212, 213, 312 or M&I 220, 443, 476, 477	30	II. Departmental Core Requirements BIO 2100, 2110, 2120, 2130, 2140	10
III. Departmental Requirements and Electives CL 420, 422, 423, 431, 441, 442, 443, 451, 461, 462, 463, 471, 472, 473, 481, 491, 492, 493	60	III. Departmental Requirements and Electives BIO 3100, 3110 ANT 3100, 3120 CL 4200, 4220, 4230, 4310, 4410, 4420, 4430, 4510, 4610, 4620, 4630, 4710, 4720, 4730, 4810, 4910, 4920, 4930 Upper Level Electives 9 cr hrs total (Choose from the following: BIO4430, 4760, M&I4260, 4270 or BMB3230	62
IV. Related Requirements CHM 121/125, 122/126, 123/127, 211/215, 212/216, 213/217, 312/314 MTH 128 or 129 STT 264, 265	61	IV. Related Course Requirements CHM 2110/2110L, CHM 2120/2120L MTH 1280	16
V. General Electives	9		
Total	187	Total	131

Notes:

****For graduation credit, a grade of C or better required for all Core, Departmental, Supporting and Elective science and math courses.**

Academic Program Quarter to Semester Conversion

College	Science and Mathematics
Department	Biological Sciences
Degree, Major Program	Bachelor of Arts/Science Education

Quarter System		Semester System	
	Hours		Hours
I. General Education	40	I. Wright State Core	43
BIO 111, 112, 115		Element 1: Communication	6
STT 264 and 265		Element 2: Mathematics	4
		STT 2640 required	
AREA VI		Element 3: Global Traditions	6
EES 260 or PSY110 or SM101 or SM 205		Element 4: Arts and Humanities	3
		Element 5: Social Sciences	6
		Element 6: Natural Sciences	8
		BIO 1120 and BIO 1150 required	
		Additional Core Courses	10
		CHM 1210/1210L, CHM 1220/1220L required	
II. Departmental Requirements	37	II. Departmental Core Requirements	15
BIO 111, 112, 115	12	BIO 2100, 2110, 2120, 2130, 2140, 2310	
BIO 210, 211, 212, 213, 230, 231, 492	25	Senior Capstone Experience (BIO 4000 or BIO 4020 or BIO 4920)	
III. Departmental Electives	15	III. Departmental Requirements and Electives	15
Select a minimum of 10 credits from 300- and 400- level courses in Biology (BIO prefix).		Select a minimum of 15 credits from 3000- and 4000- level courses in BIO/M&I/EXB. At least one course must include a lab component. Must include 1 to 4 cr hrs of BIO 3990 or BIO 4990.	
BIO 399 – Undergraduate Teaching (2 to 4 credits)			
BIO 499 – Special Problems in Biology (1 to 3 credits)			
IV. Related Requirements	92	IV. Related Course Requirements	48
CHM 121/125, 122/126, 123/127, 211/215, 212, 213	29	CHM 2110/2110L, CHM 2120/2120L	12
PHY 111/101, 112/102, 113/103	15	PHY 1110/1110L, PHY 1120/1120L	10
MTH 130, 145 or	9	EES 2510 and 2550	8
MTH 130, STT264 & 265		18 hours in departments outside COSM and CECS, including:	18
EES 251/252, 253/254, 255/256	12	ED 2600, 2650, 2700, 2750, EDS 2900 (11)	
27 hours in departments outside COSM and CECS, including:	27		
ED 221, 223, 301, 303, EDS 333			
V. General Electives	3	V. General Electives	10
Total	187	Total	131

Notes:

****For graduation credit, a grade of C or better required for all Core, Departmental, Supporting and Elective science and math courses.**

Academic Program Quarter to Semester Conversion and New Semester Program

College	CECS
Department	Biomedical, Industrial & Human Factors Engineering
Degree (A.A. B.S., B.F.A., etc.) & Title	BS
Concentration, Track, Option, Specialization	Biomedical Engineering, Curriculum B (Pre-Med)
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education	
Area 1: MTH 229, MTH 230, ENG 101, ENG 102	18
Area 2:	8
Area 3:	8
Area 4:	4
Additional from Area 2, 3, 4	8
Area 5: PHY 240/200, 242/202, 244/204	16
Area 6: EGR 101	5
	<u>67</u>
II. Department Courses	
BME 195, 419, 420, 422, 428, 439, 440, 460	50
BME 461, 462, 463, 464, 491, 402, 492	3
BME 493, 403	4
ISE 301	<u>57</u>
III. CECS Courses	
ME 212, 213	8
EE 301, 302, 321	9
CEG 220	4
	<u>17</u>
IV. Other	
CHM 121, 125, 122, 126, 123, 127	15
CHM 211, 215, 212, 216, 213, 217	18
BIO 112, ANT 311, 312	14
MTH 231, 235	10
	<u>57</u>
V. Electives	
Students may substitute BME 470, 471 sequence for BME 422, 439	
Total	202

Semester System Program	Hours
I. Wright State Core	
Communications: ENG 1100(3), EGR 3350(3)	6
Mathematics: MTH 2300(4)	4
Global Traditions: 6 hours	6
Arts/Humanities: 3 hours	3
Social Science: 6 hours	6
Natural Science: PHY 2400(4)/ PHY 2400L(1), PHY 2410(4)/PHY 2410L(1)	10
Additional Core Courses: EGR 1010 (4), CHM 1210(3)/CHM 1210L(2)	<u>9</u>
	44
II. Department Courses	
BME 3211, BME 3212	7
BME 3511, BME 3512, BME 3530, BME 3540	14
BME 4410, BME 4421	6
ISE 2211	3
BME 4550, BME 4701	8
Senior Design: BME 4910, BME 4920 or EGR 4910, EGR 4920	6
	<u>44</u>
III. CECS Courses	
IV. Other	
MTH 2310(4), 2350(4)	8
CHM 1220(3)/CHM 1220L(2),	5
CHM 2110(4)/CMH 2110L(2),	6
CHM 2120(4)/CHM 2120L(2)	6
BIO 1120(4), ANT 3100(4), ANT 3120(4)	<u>12</u>
	37
V. Electives	
Total	125

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	CECS
Department	Biomedical, Industrial & Human Factors Engineering
Degree (A.A. B.S., B.F.A., etc.) & Title	BS
Concentration, Track, Option, Specialization	Biomedical Engineering, Curriculum A (Traditional)
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education	
Area 1: MTH 229, MTH 230, ENG 101, ENG 102	18
Area 2:	8
Area 3:	8
Area 4:	4
Additional from Area 2, 3, 4	8
Area 5: PHY 240/200, 242/202, 244/204	16
Area 6: EGR 190	4
	<hr/> 66
II. Department Courses	
BME 195, 419, 420, 422, 428, 439, 440, 460	58
BME 461, 462, 463, 464, 470, 471, 491, 402, 492	3
BME 493, 403	8
ISE 301, 407	<hr/> 69
III. CECS Courses	
EGR 101	5
CEG 220	4
ME 212, 213	8
EE 301/302, 321	9
	<hr/> 26
IV. Other	
CHM 121,125, 122, 126	10
ANT 310, 311, 312	15
MTH 231, 235	10
	<hr/> 35
V. Electives	
Total	196

Semester System Program	Hours
I. Wright State Core	
Communications: ENG 1100(3), EGR 3350(3)	6
Mathematics: MTH 2300(4)	4
Global Traditions: 6 hours	6
Arts/Humanities: 3 hours	3
Social Science: 6 hours	6
Natural Science: PHY 2400(4)/PHY 2400L(1)	
PHY 2410(4)/PHY 2410L(1)	10
Additional Core Courses: EGR 1010(4), CHM 1210(3)/CHM 1210L(2)	<hr/> 9
	44
II. Department Courses	
BME 1110, BME 3211, BME 3212	10
BME 3511, BME 3512, BME 3530, BME 3540	14
BME 4410, BME 4421	6
ISE 2211	3
BME 4550, BME 4701	8
Senior Design: BME 4910, BME 4920 or EGR 4910, BME 4920	6
	<hr/> 47
III. CECS Courses	
IV. Other	
MTH 2310(4), MTH 2350(4)	8
CHM 1220(3)/CHM 1220L(2)	5
ANT 3100(4), ANT 3120(4)	<hr/> 8
	21
V. Electives	
3 from an approved list	9
Total	121

Notes:

Academic Program Quarter to Semester Conversion

College	CECS
Department	Biomedical, Industrial & Human Factors Engineering
Degree (A.A. B.S., B.F.A., etc.) & Title	Undergraduate Level
Concentration, Track, Option, Specialization	
Minor Program Title	
Certificate Program Title	Innovation & Entrepreneurship

Quarter System Program	
	Hours
ISE/CEG 490 Technology-Based Ventures	4
ISE 481 Engineering Economy	4
MGT 480 Special Topics in Mgt. of Innovation	4
MKT 475 Entrepreneurship	4
ISE 499 Team Project	5
ISE 405 Seminar	1
Total	22

Semester System Program	
	Hours
ISE 4410 Technology-Based Ventures	3
ISE 2410 Engineering Economy	3
MGT 4800 Special Topics in Management	3
MKT 4300 Entrepreneurship	3
MKT 4850 Special Topics in Marketing	3
ISE 4420 Seminar	1
Total	16

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	Engineering and Computer Science
Department	Computer Science and Engineering
Degree (A.A. B.S., B.F.A., etc.) & Title	B.S. in Computer Engineering
Concentration, Track, Option, Specialization	n/a
Minor Program Title	n/a
Certificate Program Title	n/a

Quarter System Program	Hours
I. General Education	40
Area I – Communication and Mathematical Skills ENG 101 – Composition I ENG 102 – Composition II Mathematics (satisfied by Math/Stat section)	8
Area II – Cultural-Social Foundations	8
Area III – Human Behavior	8
Area IV – Human Expression	4
Additional courses from Areas II, III, and IV	8
Area V – Natural Sciences Satisfied by required physics courses	
Area VI – College Component Select one course from the following: EC 290 Economics ISE 210 Engineering Perspectives (preferred) PSY 110 Psychology: Science and Practice URS 200 Growth and Change in Urban Society	4

Semester System Program	Hours
I. Wright State Core	42
Communications: ENG 1100 (3) EGR 3350 (3) – Technical Communication for Engineers and Scientists	6
Mathematics: MTH 2300 (4)	4
Global Traditions: 6 hours	6
Arts/Humanities: 3 hours	3
Social Science: 6 hours	6
Natural Science: PHY 2400/2400L (5) PHY 2410/2410L(5)	10
Additional Core Courses MTH 2310 Calculus II (4)	7

II. Computer Science and Engineering Courses	87
A. Required Computer Science Courses	19
CS 240 Computer Programming I	
CS 241 Computer Programming II	
CS 242 Computer Programming III	
CS 400 Data Structures and Algorithms	
CS 415 Social Implications of Computing	
B. Required Computer Engineering Courses	36
CEG 233 Linux and Windows	
CEG 260 Digital Circuits	
CEG 320 Computer Organization	
CEG 360 Digital System Design	
CEG 402 Introduction to Computer Networks	
CEG 433 Operating Systems	
CEG 453 Embedded Systems	
CEG 498 Team Projects I and II	
C. CS/CEG Electives (400-level)	16
D. Other Required Engineering Courses	13
EE 301/302 Circuit Analysis I & Lab	
EE 321 Linear Systems I	
EE 331/332 Electronic Devices & Lab	
E. Technical Communication	3
EGR 335 Technical Communications	
III. Mathematics and Science Courses	48
A. Required Mathematics/Statistics Courses	29
MTH 229 Calculus I	
MTH 230 Calculus II	
MTH 231 Calculus III	
MTH 253 Matrix Algebra	
MTH 257 Discrete Mathematics	
STT 363, STT 360, or ISE 301 Statistics	
MTH 233 Differential Equations	
OR MTH 235 Differential Equations with	
Matrix Algebra	
B. Required Physics Courses	16
PHY 240/200	
PHY 242/202	
PHY 244/204	
C. Science and Mathematics Electives	3
IV. General Electives	16
Electives may be from any area of study	
Total	191

II. Computer Science and Engineering Courses	59
A. Required Computer Science Courses	14
CS 1180 Computer Science I (4)	
CS 1181 Computer Science II (4)	
CS 3100 Data Structures and Algorithms (3)	
CS 4000 Social Implications of Computing (3)	
B. Required Computer Engineering Courses	22
CEG 2350 OS Concepts and Usage (4)	
CEG 3310 Computer Organization (4)	
CEG 3320 Digital System Design (4)	
CEG 4330 Microprocessor-Based	
Embedded Systems (4)	
CEG 4980/4981 Team Projects I and II (6)	
C. CS/CEG Electives	12
At least 9 hours must be at the 4000 level	
D. Other Required Engineering Courses	11
EE 2010/2011 Circuit Analysis I & Lab (4)	
EE 3210 Linear Systems (3)	
EE 3310/3311 Electronic Devices & Lab (4)	
III. Mathematics and Science Courses	13
A. Required Mathematics/Statistics Courses	10
MTH 2350 Differential Equations	
with Matrix Algebra (4)	
MTH 2570 Discrete Math for Computing (3)	
STT 3600 or ISE 2211 Statistics (3)	
B. Science and Mathematics Electives	3
IV. General Electives	9
Electives may be from any area of study approved by	
the Department of Computer Science and Engineering	
Total	123

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	Engineering and Computer Science
Department	Computer Science and Engineering
Degree (A.A. B.S., B.F.A., etc.) & Title	B.S. in Computer Engineering
Concentration, Track, Option, Specialization	Wireless Concentration
Minor Program Title	n/a
Certificate Program Title	n/a

Quarter System Program	Hours
I. General Education	40
Area I – Communication and Mathematical Skills ENG 101 – Composition I ENG 102 – Composition II Mathematics (satisfied by Math/Stat section)	8
Area II – Cultural-Social Foundations	8
Area III – Human Behavior	8
Area IV – Human Expression	4
Additional courses from Areas II, III, and IV	8
Area V – Natural Sciences Satisfied by required physics courses	
Area VI – College Component Select one course from the following: EC 290 Economics ISE 210 Engineering Perspectives (preferred) PSY 110 Psychology: Science and Practice URS 200 Growth and Change in Urban Society	4

Semester System Program	Hours
I. Wright State Core	42
Communications (6 min): ENG 1100 (3) EGR 3350 (3) – Technical Communication for Engineers and Scientists	6
Mathematics (3 min): MTH 2300 (4)	4
Global Traditions (6 min): 6 hours	6
Arts/Humanities (3 min): 3 hours	3
Social Science (6 min): 6 hours	6
Natural Science (8 min): PHY 2400/2400L (5) PHY 2401/2401L (5)	10
Additional Core Courses (6 min) MTH 2310 Calculus II (4)	7
*2 Classes outside of communications must be IW	

II. Computer Science and Engineering Courses	87
A. Required Computer Science Courses	19
CS 240 Computer Programming I	
CS 241 Computer Programming II	
CS 242 Computer Programming III	
CS 400 Data Structures and Algorithms	
CS 415 Social Implications of Computing	
B. Required Computer Engineering Courses	36
CEG 233 Linux and Windows	
CEG 260 Digital Circuits	
CEG 320 Computer Organization	
CEG 360 Digital System Design	
CEG 402 Introduction to Computer Networks	
CEG 433 Operating Systems	
CEG 453 Embedded Systems	
CEG 498 Team Projects I and II	
C. Required courses for Wireless Concentration	16
CEG 403 Personal Area Networks (4)	
CEG 404 Wireless Sensor Networks (4)	
CEG 436 Mobile Computing (4)	
EE 421 Digital Communications (4)	
D. Other Required Engineering Courses	13
EE 301/302 Circuit Analysis I & Lab	
EE 321 Linear Systems I	
EE 331/332 Electronic Devices & Lab	
E. Technical Communication	
EGR 335 Technical Communications	
III. Mathematics and Science Courses	48
A. Required Mathematics/Statistics Courses	29
MTH 229 Calculus I	
MTH 230 Calculus II	
MTH 231 Calculus III	
MTH 253 Matrix Algebra	
MTH 257 Discrete Mathematics	
STT 363, STT 360, or ISE 301 Statistics	
MTH 233 Differential Equations	
OR MTH 235 Differential Equations with	
Matrix Algebra	
B. Required Physics Courses	16
PHY 240/200	
PHY 242/202	
PHY 244/204	
C. Science and Mathematics Electives	3
IV. General Electives	16
Electives may be from any area of study	
Total	191

II. Computer Science and Engineering Courses	59
A. Required Computer Science Courses	14
CS 1180 Computer Science I (4)	
CS 1181 Computer Science II (4)	
CS 3100 Data Structures and Algorithms (3)	
CS 4000 Social Implications of Computing (3)	
B. Required Computer Engineering Courses	22
CEG 2350 OS Concepts and Usage (4)	
CEG 3310 Computer Organization (4)	
CEG 3320 Digital System Design (4)	
CEG 4330 Microprocessor-Based	
Embedded Systems (4)	
CEG 4980/4981 Team Projects I and II (6)	
C. Required courses for Wireless Concentration	9
CEG 4400 Computer Networks (3)	
CEG 4410 Mobile Computing (3)	
CEG 4450 Sensor Networks and Systems (3)	
D. CS/CEG Electives	3
E. Other Required Engineering Courses	11
EE 2010/2011 Circuit Analysis I & Lab (4)	
EE 3210 Linear Systems (3)	
EE 3310/3311 Electronic Devices & Lab (4)	
III. Mathematics and Science Courses	13
A. Required Mathematics/Statistics Courses	10
MTH 2350 Differential Equations	
with Matrix Algebra (4)	
MTH 2570 Discrete Math for Computing (3)	
STT 3600 or ISE 2211 Statistics (3)	
C. Science and Mathematics Electives	3
IV. General Electives	9
Electives may be from any area of study approved by the Department of Computer Science and Engineering	
Total	123

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	Engineering and Computer Science
Department	Computer Science and Engineering
Degree (A.A. B.S., B.F.A., etc.) & Title	B.A. in Computer Science
Concentration, Track, Option, Specialization	n/a
Minor Program Title	n/a
Certificate Program Title	n/a

Quarter System Program	Hours
I. General Education	52
Area I – Communication and Mathematical Skills ENG 101 – Composition I ENG 102 – Composition II Mathematics (satisfied by Quantitative Reasoning section)	8
Area II – Cultural-Social Foundations	8
Area III – Human Behavior	8
Area IV – Human Expression	4
Additional courses from Areas II, III, and IV	8
Area V – Natural Sciences Select 3 classes in Biology, Chemistry, Earth & Environmental Science or Physics. See Program Guide for specifics	12
Area VI – College Component Select any Area VI College of Liberal Arts course	4
II. Computer Science and Engineering Courses	78
A. Required Computer Science Courses CS 240 Computer Programming I CS 241 Computer Programming II CS 242 Computer Programming III CS 302 Client Server Databases CS 400 Data Structures and Algorithms CS 415 Social Implications of Computing CS 466 Introduction to Formal Languages	27
B. Required Computer Engineering Courses CEG 233 Linux and Windows CEG 320 Computer Organization CEG 355 Information Tech Systems CEG 460 Introduction to Software Engineering	16
C. CS/CEG Electives At least 16 hours must be at the 400 level	32
D. Technical Communication EGR 335 Technical Communications	3

Semester System Program	Hours
I. Wright State Core	40
Communications: ENG 1100 (3) EGR 3350 (3) – Technical Communication for Engineers and Scientists	6
Mathematics: MTH 2240 or 2280 Calculus (4)	4
Global Traditions: 6 hours	6
Arts/Humanities: 3 hours	3
Social Science: 6 hours	6
Natural Science:	8
Additional Core Courses STT 1600 Statistical Concepts (4)	7
II. Computer Science and Engineering Courses	55
A. Required Computer Science Courses CS 1180 Computer Science I (4) CS 1181 Computer Science II (4) CS 2800 Web Programming (3) CS 3700 Intro to Oracle/SQL Databases (3) CS 3100 Data Structures and Algorithms (3) CS 4000 Social Implications of Computing (3)	20
B. Required Computer Engineering Courses CEG 2400 Introduction to PC Networking (3) CEG 2350 OS Concepts and Usage (4) CEG 3310 Computer Organization (4) CEG 3120 Intro to the Design of Inf Tech Systems (3)	14
C. CS/CEG Electives At least 12 hours must be at the 4000 level	21

III. Quantitative Reasoning MTH 228 Calculus for Social Sciences MTH 257 Discrete Mathematics STT 160 Statistical Concepts PHL 223 Symbolic Logic	17
IV. General Electives Electives may be from any area of study	40
Total	187

Notes:

III. Quantitative Reasoning MTH 2570 Discrete Mathematics (3) Select one of the following: PHL 2230 Symbolic Logic (3) CS 2210 Logic for Computer Scientists (3)	6
IV. General Electives Electives may be from any area of study approved by the Department of Computer Science and Engineering	19
Total	120

Academic Program Quarter to Semester Conversion and New Semester Program

College	Engineering and Computer Science
Department	Computer Science and Engineering
Degree (A.A. B.S., B.F.A., etc.) & Title	B.S. in Computer Science
Concentration, Track, Option, Specialization	Bioinformatics (concentration)
Minor Program Title	n/a
Certificate Program Title	n/a

Quarter System Program	Hours
I. General Education	40
Area I – Communication and Mathematical Skills ENG 101 – Composition I (4) ENG 102 – Composition II (4) Mathematics (satisfied by Math/Stat section)	8
Area II – Cultural-Social Foundations	8
Area III – Human Behavior	8
Area IV – Human Expression	4
Additional courses from Areas II, III, and IV	8
Area V – Natural Sciences Satisfied by required Laboratory Science Sequence	
Area VI – College Component Select any Area VI College of Liberal Arts course	4
II. Computer Science and Engineering Courses	58
A. Required Computer Science Courses CS 240 Computer Programming I (4) CS 241 Computer Programming II (4) CS 242 Computer Programming III (4) CS 400 Data Structures and Algorithms (4) CS 405 Intro to Database Management Systems (4) CS 415 Social Implications of Computing (3) CS 466 Introduction to Formal Languages (4) CS 480 Comparative Languages (4)	31
B. Required Computer Engineering Courses CEG 233 Linux and Windows (4) CEG 320 Computer Organization (4) CEG 433 Operating Systems (4) CEG 460 Introduction to Software Engineering (4)	16
C. CS/CEG Electives Must be at the 400 level. From approved list.	8
D. Technical Communication EGR 335 Technical Communications (3)	3

Semester System Program	Hours
I. Wright State Core	42
Communications: ENG 1100 (3) EGR 3350 (3) – Technical Communication for Engineers and Scientists	6
Mathematics: MTH 2300 (4)	4
Global Traditions: 6 hours	6
Arts/Humanities: 3 hours	3
Social Science: 6 hours	6
Natural Science: BIO 1120(4), 1150(4)	8
Additional Core Courses MTH 2310 Calculus II (4) CHM 1210 General Chemistry I (3) CHM 1210L General Chemistry I Lab (2)	9
II. Computer Science and Engineering Courses	39
A. Required Computer Science Courses CS 1180 Computer Science I (4) CS 1181 Computer Science II (4) CS 3100 Data Structures and Algorithms (3) CS 3180 Comparative Languages (3) CS 4000 Social Implications of Computing (3) Select one of the following: CS 2210 Logic for Computer Scientists (3) or CS 3200 Theoretical Foundations of Computing (3)	20
B. Required Computer Engineering Courses CEG 2350 OS Concepts and Usage (4) CEG 3310 Computer Organization (4) CEG 4110 Introduction to Software Engineering (3) CEG 4350 OS Internals and Design (3)	14
C. CS/CEG Electives	5

III. Mathematics Courses MTH 229 Calculus I (5) MTH 230 Calculus II (5) MTH 231 Calculus III (5) MTH 253 Matrix Algebra (3) MTH 257 Discrete Mathematics (3) STT 363, STT 360, or ISE 301 Statistics (3)	24
IV. Bioinformatics Courses	72
A. Required Computer Science Courses CS 271 Intro. to Bioinformatics (4) CS 409 Intro. to Artificial Intelligence (4) CS 471 Algorithms for Bioinformatics (4)	12
B. Required Chemistry Courses CHM 121 Submicroscopic Chemistry (5) CHM 122 Macroscopic Chemistry (5) CHM 123 Reaction Dynamics (5) CHM 211 Organic Chemistry I (4) CHM 215 Organic Chemistry I Lab (2) CHM 212 Organic Chemistry II (4) CHM 216 Organic Chemistry II Lab (2) CHM 213 Organic Chemistry III (4) CHM 217 Organic Chemistry III Lab (2)	33
C. Required Biological Science BIO 111 Human Biology (4) BIO 112 Cell Biology and Genetics (4) BIO 115 Biodiversity and Ecology (4) BIO 210 Molecular Biology (4) BIO 211 Molecular Genetics (4) BIO 212 Cell Biology (4) BIO 213 Cell-Molecular Biology Lab (2) BIO 492 Senior Seminar (1)	27
Total	194

III. Mathematics Courses Required Mathematics/Statistics Courses MTH 2530 Elementary Linear Algebra (3) MTH 2570 Discrete Math for Computing (3) STT 3600 or ISE 2211 Statistics (3)	9
IV. Bioinformatics Courses	30
A. Required Computer Science Courses CS 3810 Intro to Bioinformatics (3) CS 4850 Principles of Artificial Intelligence (3) CS 4810 Algorithms for Bioinformatics (3)	9
B. Required Chemistry Courses CHM 1220 General Chemistry II (3) CHM 1220L General Chemistry II Lab (2) CHM 2110 Organic Chemistry I (4) CHM 2110L Organic Chemistry I Lab (2)	11
C. Required Biological Science BIO 2110 Molecular Biology & Genetics (3) BIO 2120 Cell Biology (3) BIO 2310 & 2310L Evolution and Ecology (4)	10
Total	120

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	Engineering and Computer Science
Department	Computer Science and Engineering
Degree (A.A. B.S., B.F.A., etc.) & Title	B.S. in Computer Science
Concentration, Track, Option, Specialization	n/a
Minor Program Title	n/a
Certificate Program Title	n/a

Quarter System Program		Semester System Program	
	Hours		Hours
I. General Education	40	I. Wright State Core	40-42
Area I – Communication and Mathematical Skills	8	Communications:	6
ENG 101 – Composition I		ENG 1100 (3)	
ENG 102 – Composition II		EGR 3350 (3) – Technical Communication for Engineers and Scientists	
Mathematics (satisfied by Math/Stat section)		Mathematics: MTH 2300 (4)	4
Area II – Cultural-Social Foundations	8	Global Traditions: 6 hours	6
Area III – Human Behavior	8	Arts/Humanities: 3 hours	3
Area IV – Human Expression	4	Social Science: 6 hours	6
Additional courses from Areas II, III, and IV	8	Natural Science: Select <u>two</u> of the following	8-10
Area V – Natural Sciences		laboratory science courses:	
Satisfied by required Laboratory Science Sequence		CHM 1210/1210L(5), 1220/1220L(5)	
Area VI – College Component	4	BIO 1120(4), 1150(4)	
Select any Area VI College of Liberal Arts course		PHY 2400/2400L(5), 2410/2410L(5)	
		EES 2510(4), 2520(4)	
		Additional Core Courses	7
		MTH 2310 Calculus II (4)	
II. Computer Science and Engineering Courses	86	II. Computer Science and Engineering Courses	55
A. Required Computer Science Courses	31	A. Required Computer Science Courses	20
CS 240 Computer Programming I		CS 1180 Computer Science I (4)	
CS 241 Computer Programming II		CS 1181 Computer Science II (4)	
CS 242 Computer Programming III		CS 3100 Data Structures and Algorithms (3)	
CS 400 Data Structures and Algorithms		CS 3180 Comparative Languages (3)	
CS 405 Introduction to Database Management Systems		CS 4000 Social Implications of Computing (3)	
CS 415 Social Implications of Computing		Select one of the following:	
CS 466 Introduction to Formal Languages		CS 2210 Logic for Computer Scientists (3)	
CS 480 Comparative Languages		or	
B. Required Computer Engineering Courses	16	CS 3200 Theoretical Foundations of Computing (3)	
CEG 233 Linux and Windows		B. Required Computer Engineering Courses	14
CEG 320 Computer Organization		CEG 2350 OS Concepts and Usage (4)	
CEG 433 Operating Systems		CEG 3310 Computer Organization (4)	
CEG 460 Introduction to Software Engineering		CEG 4110 Introduction to Software Engineering (3)	
C. CS/CEG Electives	36	CEG 4350 OS Internals and Design (3)	
At least 16 hours must be at the 400 level		C. CS/CEG Electives	21
D. Technical Communication	3	At least 12 hours must be at the 4000 level	
EGR 335 Technical Communications			

III. Mathematics and Science Courses	45
A. Required Mathematics/Statistics Courses MTH 229 Calculus I MTH 230 Calculus II MTH 231 Calculus III MTH 253 Matrix Algebra MTH 257 Discrete Mathematics STT 363, STT 360, or ISE 301 Statistics	24
B. Required Laboratory Science Sequence Select one of the following three quarter laboratory science sequences: CHM 121, 122, 123 BIO 111, 112, 115 PHY 240/200, 242/202, 244/204 GL 251/252, 253/254, 255/256	12-16
C. Science and Mathematics Electives There must be a total of at least 21 hours in areas B and C. This total must include at least 18 hours of natural science courses.	5-9
IV. General Electives Electives may be from any area of study	20
Total	191

Notes:

III. Mathematics and Science Courses	12-14
A. Required Mathematics/Statistics Courses MTH 2530 Elementary Linear Algebra (3) MTH 2570 Discrete Math for Computing (3) STT 3600 or ISE 2211 Statistics (3)	9
B. Science and Mathematics Electives Additional courses in MTH, STT, CHM, BIO, PHY, or EES appropriate for science or engineering majors.	3-5
The total number of math and science credits must be 30 or more, including MTH 2300, MTH 2310, and the two lab science courses from the Wright State Core.	
IV. General Electives Electives may be from any area of study approved by the Department of Computer Science and Engineering	13
Total	122

Academic Program Quarter to Semester Conversion and New Semester Program

College	Engineering and Computer Science
Department	Computer Science and Engineering
Degree (A.A. B.S., B.F.A., etc.) & Title	B.A. in Computer Science-Business Concentration
Concentration, Track, Option, Specialization	n/a
Minor Program Title	n/a
Certificate Program Title	n/a

Quarter System Program	Hours
I. General Education	48
Area I – Communication and Mathematical Skills ENG 101 – Composition I ENG 102 – Composition II Mathematics (satisfied by Quantitative Reasoning section)	8
Area II – Cultural-Social Foundations	8
Area III – Human Behavior	4
Area IV – Human Expression	4
Additional courses from Areas II, III, and IV	8
Area V – Natural Sciences Select 3 classes in Biology, Chemistry, Earth & Environmental Science or Physics. See Program Guide for specifics	12
Area VI – College Component Select any Area VI College of Liberal Arts course	4
II. Computer Science and Engineering Courses	78
A. Required Computer Science Courses CS 240 Computer Programming I CS 241 Computer Programming II CS 242 Computer Programming III CS 302 Client Server Databases CS 400 Data Structures and Algorithms CS 415 Social Implications of Computing CS 466 Introduction to Formal Languages	27
B. Required Computer Engineering Courses CEG 233 Linux and Windows CEG 320 Computer Organization CEG 355 Information Tech Systems CEG 460 Introduction to Software Engineering	16
C. CS/CEG Electives At least 16 hours must be at the 400 level	32
D. Technical Communication EGR 335 Technical Communications	3

Semester System Program	Hours
I. Wright State Core	40
Communications: ENG 1100 (3) EGR 3350 (3) – Technical Communication for Engineers and Scientists	6
Mathematics: MTH 2240 or 2280 Calculus (4)	4
Global Traditions: 6 hours	6
Arts/Humanities: 3 hours	3
Social Science: 6 hours EC 2040 - Principle Microeconomics (3)	6
Natural Science:	8
Additional Core Courses STT 1600 Statistical Concepts (4) EC 2050 - Principle Macroeconomics (3)	7
II. Computer Science and Engineering Courses	55
A. Required Computer Science Courses CS 1180 Computer Science I (4) CS 1181 Computer Science II (4) CS 2800 Web Programming (3) CS 3700 Intro to Oracle/SQL Databases (3) CS 3100 Data Structures and Algorithms (3) CS 4000 Social Implications of Computing (3)	20
B. Required Computer Engineering Courses CEG 2400 Introduction to PC Networking (3) CEG 2350 OS Concepts and Usage (4) CEG 3310 Computer Organization (4) CEG 3120 Intro to the Design of Inf Tech Systems (3)	14
C. CS/CEG Electives At least 12 hours must be at the 4000 level	21

III. Quantitative Reasoning MTH 228 Calculus for Social Sciences MTH 257 Discrete Mathematics STT 160 Statistical Concepts PHL 223 Symbolic Logic	17
IV. Business Concentration Courses ACC 204 Accounting Principles I ACC 205 Accounting Principles II EC 204 Principle Microeconomics EC 205 Principle Macroeconomics Business Concentration Electives (8 hours) Select at least two courses to complement Business option core courses.	24
V. General Electives (20 Hours) Must include at least two courses from COM 101, 203, 221 or PHL 124, 200, 211. Electives may be from any area of study approved by the Department of Computer Science and Engineering	20
Total	187

Notes:

III. Quantitative Reasoning MTH 2570 Discrete Mathematics (3) Select one of the following: PHL 2230 Symbolic Logic (3) CS 2210 Logic for Computer Scientists (3)	6
IV. Business Concentration Courses ACC 2010 Accounting Principles I (3) ACC 2020 Accounting Principles II (3) Business Concentration Electives (6) Choose 2 courses: MKT 2500 Principles of Marketing (3) FIN 2210 Financial Management I (3) LAW 3000 Legal Environment of Business (3) IB 3100 Intro. to Mgmt. & Org. Behavior (3) SCM 3070 Operations & Supply Chain Mgt. (3)	12 3 3 6
V. General Electives (7 Hours) Electives may be from any area of study approved by the Department of Computer Science and Engineering	7
Total	120

Academic Program Quarter to Semester Conversion and New Semester Program

College	Engineering and Computer Science
Department	Computer Science and Engineering
Degree (A.A. B.S., B.F.A., etc.) & Title	B.S. in Computer Science – Business Concentration
Concentration, Track, Option, Specialization	n/a
Minor Program Title	n/a
Certificate Program Title	n/a

Quarter System Program		Semester System Program	
	Hours		Hours
I. General Education	36	I. Wright State Core	40-42
Area I – Communication and Mathematical Skills	8	Communications:	6
ENG 101 – Composition I		ENG 1100 (3)	
ENG 102 – Composition II		EGR 3350 (3) – Technical Communication for Engineers and Scientists	
Mathematics (satisfied by Math/Stat section)		Mathematics: MTH 2300 (4)	4
Area II – Cultural-Social Foundations	8	Global Traditions: 6 hours	6
Area III – Human Behavior	4	Arts/Humanities: 3 hours	3
Area IV – Human Expression	4	Social Science: 6 hours	6
Additional courses from Areas II, III, and IV	8	EC 2040 - Principle Microeconomics (3)	
Area V – Natural Sciences		Natural Science: Select <u>two</u> of the following	8-10
Satisfied by required Laboratory Science Sequence		laboratory science courses:	
Area VI – College Component	4	CHM 1210/1210L(5), 1220/1220L(5)	
Select any Area VI College of Liberal Arts course		BIO 1120(4), 1150(4)	
		PHY 2400/2400L(5), 2410/2410L(5)	
		EES 2510(4), 2520(4)	
		Additional Core Courses	7
		MTH 2310 Calculus II (4)	
		EC 2050 - Principle Macroeconomics (3)	
II. Computer Science and Engineering Courses	86	II. Computer Science and Engineering Courses	55
A. Required Computer Science Courses	31	A. Required Computer Science Courses	20
CS 240 Computer Programming I		CS 1180 Computer Science I (4)	
CS 241 Computer Programming II		CS 1181 Computer Science II (4)	
CS 242 Computer Programming III		CS 3100 Data Structures and Algorithms (3)	
CS 400 Data Structures and Algorithms		CS 3180 Comparative Languages (3)	
CS 405 Introduction to Database Management Systems		CS 4000 Social Implications of Computing (3)	
CS 415 Social Implications of Computing		Select one of the following:	
CS 466 Introduction to Formal Languages		CS 2210 Logic for Computer Scientists (3)	
CS 480 Comparative Languages		or	
B. Required Computer Engineering Courses	16	CS 3200 Theoretical Foundations of Computing (3)	
CEG 233 Linux and Windows		B. Required Computer Engineering Courses	14
CEG 320 Computer Organization		CEG 2350 OS Concepts and Usage (4)	
CEG 433 Operating Systems		CEG 3310 Computer Organization (4)	
CEG 460 Introduction to Software Engineering		CEG 4110 Introduction to Software Engineering (3)	
C. CS/CEG Electives	36	CEG 4350 OS Internals and Design (3)	
At least 16 hours must be at the 400 level		C. CS/CEG Electives	21
D. Technical Communication	3	At least 12 hours must be at the 4000 level	
EGR 335 Technical Communications			

III. Mathematics and Science Courses	45
A. Required Mathematics/Statistics Courses MTH 229 Calculus I MTH 230 Calculus II MTH 231 Calculus III MTH 253 Matrix Algebra MTH 257 Discrete Mathematics STT 363, STT 360, or ISE 301 Statistics	24
B. Required Laboratory Science Sequence Select one of the following three quarter laboratory science sequences: CHM 121, 122, 123 BIO 111, 112, 115 PHY 240/200, 242/202, 244/204 GL 251/252, 253/254, 255/256	12-16
C. Science and Mathematics Electives There must be a total of at least 21 hours in areas B and C. This total must include at least 18 hours of natural science courses.	5-9
IV. Business Concentration Courses ACC 204 Accounting Principles I ACC 205 Accounting Principles II EC 204 Principle Microeconomics EC 205 Principle Macroeconomics Business Concentration Electives (8 hours) Select at least two courses to complement Business option core courses.	24
Total	191

Notes:

III. Mathematics and Science Courses	14-12
A. Required Mathematics/Statistics Courses MTH 2530 Elementary Linear Algebra (3) MTH 2570 Discrete Math for Computing (3) STT 3600 or ISE 2211 Statistics (3)	9
B. Science and Mathematics Electives Additional courses in MTH, STT, CHM, BIO, PHY, or EES appropriate for science or engineering majors. The total number of math and science credits must be 30 or more, including MTH 2300, MTH 2310, and the two lab science courses from the Wright State Core.	5-3
IV. Business Concentration Courses ACC 2010 Accounting Principles I (3) ACC 2020 Accounting Principles II (3) Business Concentration Electives (6) Choose 2 courses: MKT 2500 Principles of Marketing (3) FIN 2210 Financial Management I (3) LAW 3000 Legal Environment of Business (3) IB 3100 Intro. to Mgmt. & Org. Behavior (3) SCM 3070 Operations & Supply Chain Mgt. (3)	12 3 3 6
Total	121

Academic Program Quarter to Semester Conversion and New Semester Program

College	Engineering and Computer Science
Department	Computer Science and Engineering
Degree (A.A. B.S., B.F.A., etc.) & Title	B.S. in Computer Science
Concentration, Track, Option, Specialization	Computational Science (concentration)
Minor Program Title	n/a
Certificate Program Title	n/a

Quarter System Program	Hours
I. General Education	40
Area I – Communication and Mathematical Skills ENG 101 – Composition I (4) ENG 102 – Composition II (4) Mathematics (satisfied by Math/Stat section)	8
Area II – Cultural-Social Foundations	8
Area III – Human Behavior	8
Area IV – Human Expression	4
Additional courses from Areas II, III, and IV	8
Area V – Natural Sciences Satisfied by required Laboratory Science Sequence	
Area VI – College Component Select any Area VI College of Liberal Arts course	4
II. Computer Science and Engineering Courses	86
A. Required Computer Science Courses CS 240 Computer Programming I CS 241 Computer Programming II CS 242 Computer Programming III CS 400 Data Structures and Algorithms CS 405 Introduction to Database Management Systems CS 415 Social Implications of Computing CS 466 Introduction to Formal Languages CS 480 Comparative Languages	31
B. Required Computer Engineering Courses CEG 233 Linux and Windows CEG 320 Computer Organization CEG 433 Operating Systems CEG 460 Introduction to Software Engineering	16
C. CS/CEG Electives At least 16 hours must be at the 400 level	36
D. Technical Communication EGR 335 Technical Communications	3

Semester System Program	Hours
I. Wright State Core	40
Communications: ENG 1100 (3) EGR 3350 (3) – Technical Communication for Engineers and Scientists	6
Mathematics: MTH 2300 (4)	4
Global Traditions: 6 hours	6
Arts/Humanities: 3 hours	3
Social Science: 6 hours	6
Natural Science: Select <u>two</u> of the following laboratory science courses: CHM 1210/1210L(5), 1220/1220L(5) BIO 1120(4), 1150(4) PHY 2400/2400L(5), 2410/2410L(5) EES 2510(4), 2520(4)	8
Additional Core Courses MTH 2310 Calculus II (4)	7
II. Computer Science and Engineering Courses	49
A. Required Computer Science Courses CS 1180 Computer Science I (4) CS 1181 Computer Science II (4) CS 3100 Data Structures and Algorithms (3) CS 3180 Comparative Languages (3) CS 4000 Social Implications of Computing (3) Select one of the following: CS 2210 Logic for Computer Scientists (3) or CS 3200 Theoretical Foundations of Computing (3)	20
B. Required Computer Engineering Courses CEG 2350 OS Concepts and Usage (4) CEG 3310 Computer Organization (4) CEG 4110 Introduction to Software Engineering (3) CEG 4350 OS Internals and Design (3)	14
C. CS/CEG Electives At least 9 hours must be at the 4000 level	15

III. Computational Science Courses	64
A. Required Mathematics/Statistics Courses	24
MTH 229 Calculus I (5)	
MTH 230 Calculus II (5)	
MTH 231 Calculus III (5)	
MTH 253 Matrix Algebra (3)	
MTH 257 Discrete Mathematics (3)	
STT 363, STT 360, or ISE 301 Statistics (3)	
B. Required Computational Science Courses	12
CS 316 Numerical Methods I (4)	
CS 317 Numerical Methods II (4)	
CS 350 Techniques and Tools of Computation (4)	
C. Computational Science Elective Courses	28
Select courses from science, mathematics, computer science, or computer engineering appropriate for science or engineering majors.	
Total	190

III. Computational Science Courses	31
A. Required Mathematics/Statistics Courses	10
MTH 2250 Differential Eqs with Linear Algebra (4)	
MTH 2570 Discrete Math for Computing (3)	
STT 3600 or ISE 2211 Statistics (3)	
B. Required Computational Science Courses	9
CS 3250 Computational Data Analysis (3)	
CS 3260 Numerical Methods (3)	
CS 4830 Systems Simulations (3)	
C. Computational Science Elective Courses	12
Select courses from science, mathematics, computer science, or computer engineering appropriate for science or engineering majors as approved by a department advisor.	
Total	120

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	Engineering and Computer Science
Department	Computer Science and Engineering
Degree (A.A. B.S., B.F.A., etc.) & Title	B.A. in Computer Science-Music Concentration
Concentration, Track, Option, Specialization	n/a
Minor Program Title	n/a
Certificate Program Title	n/a

Quarter System Program	Hours
I. General Education	52
Area I – Communication and Mathematical Skills ENG 101 – Composition I ENG 102 – Composition II Mathematics (satisfied by Quantitative Reasoning section)	8
Area II – Cultural-Social Foundations	8
Area III – Human Behavior	8
Area IV – Human Expression MUS 121 Music Listening (2) MUS 122 Music Listening (2)	4 8
Additional courses from Areas II, III, and IV	12
Area V – Natural Sciences Select 3 classes in Biology, Chemistry, Earth & Environmental Science or Physics. See Program Guide for specifics	4
Area VI – College Component CST 242-Comparative Non-Western Cultures-Music (3)	
II. Computer Science and Engineering Courses	78
A. Required Computer Science Courses CS 240 Computer Programming I CS 241 Computer Programming II CS 242 Computer Programming III CS 302 Client Server Databases CS 400 Data Structures and Algorithms CS 415 Social Implications of Computing CS 466 Introduction to Formal Languages	27
B. Required Computer Engineering Courses CEG 233 Linux and Windows CEG 320 Computer Organization CEG 355 Information Tech Systems CEG 460 Introduction to Software Engineering	16
C. CS/CEG Electives Required: MUS 465 Computer Applications in Music (3) At least 16 hours must be at the 400 level	32
D. Technical Communication EGR 335 Technical Communications	3

Semester System Program	Hours
I. Wright State Core	40
Communications: ENG 1100 (3) EGR 3350 (3) – Technical Communication for Engineers and Scientists	6
Mathematics: MTH 2240 or 2280 Calculus (4)	4
Global Traditions: 6 hours Required: CST 2420-Comparative Non-Western Cultures-Music(3)	6
Arts/Humanities: 3 hours MUS 1210 Music Listening (3)	3
Social Science: 6 hours	6
Natural Science:	8
Additional Core Courses STT 1600 Statistical Concepts (4)	7
II. Computer Science and Engineering Courses	55
A. Required Computer Science Courses CS 1180 Computer Science I (4) CS 1181 Computer Science II (4) CS 2800 Web Programming (3) CS 3700 Intro to Oracle/SQL Databases (3) CS 3100 Data Structures and Algorithms (3) CS 4000 Social Implications of Computing (3)	20
B. Required Computer Engineering Courses CEG 2400 Introduction to PC Networking (3) CEG 2350 OS Concepts and Usage (4) CEG 3310 Computer Organization (4) CEG 3120 Intro to the Design of Inf Tech Systems (3)	14
C. CS/CEG Electives Required: MUS 4650 Computer Applications in Music (3) At least 12 hours must be at the 4000 level	21

III. Quantitative Reasoning MTH 228 Calculus for Social Sciences MTH 257 Discrete Mathematics STT 160 Statistical Concepts PHL 223 Symbolic Logic	17
IV. Music Concentration Courses Music Theory: (18) MUS101,102,103,201,202,203 Sight-Singing: (6) MUS 151,152,153,251,252,253 Keyboard: (3) MUS 155,156,157 Applied music (6 quarters, 12 hrs) Large ensemble (6 quarters, 6 hrs) Recitals: MUS 100 (6 quarters/0 credit)	45
Total	192

Notes:

III. Quantitative Reasoning MTH 2570 Discrete Mathematics (3) Select one of the following: PHL 2230 Symbolic Logic (3) CS 2210 Logic for Computer Scientists (3)	6
IV. Music Concentration Courses Music Theory (12) MUS 1010,1020, 2010, 2020 Sight Singing: (4) MUS 1510, 1520, 2510, 2520 Keyboard: (2) MUS 1550, 1560 Applied music (MUA)(4 semesters) (8) Large Ensemble(MUE) (4 semesters) (4) Recitals: MUS 1000 (4 semesters) (0)	30
Total	131

Academic Program Quarter to Semester Conversion and New Semester Program

College	Engineering and Computer Science
Department	Computer Science and Engineering
Degree (A.A. B.S., B.F.A., etc.) & Title	B.S. in Computer Science
Concentration, Track, Option, Specialization	Visualization
Minor Program Title	n/a
Certificate Program Title	n/a

General Program	Hours
General Education Requirements*	59
Required Courses	40
Area I: (GE substitution. See Mathematics Requirements below.)	
Area V: (GE substitution. See Laboratory Science Requirements below.)	
Area VI: College Component: Select any Area VI College of Liberal Arts course.	
*Courses taken to satisfy GE requirements may not be counted toward the major.	
Laboratory Sequence Requirements	
PHY 240/20, 242/202, 244/204 (16 hours)	16
Technical Communications	
EGR 335	3
Department Requirements	83
CS 240, 241, 242, 400, 415	19
CS 405, 466, 480	12
CEG 233, 320, 433, 460	16
Computer Science/Engineering Electives	16
CEG 476, 477, 479, 499	16
Students must pick one of four application areas among	20
i. Biomedical Engineering,	
ii. Industrial and Systems Engineering,	
iii. Mechanical Engineering, and	
iv. Bio-Informatics	
and take the following area-specific courses:	
i. Biomedical Engineering:	
20 hours from CS/CEG Technical Elective Courses	
ii. Industrial Systems Engineering:	
20 hours from CS/CEG Technical Elective Courses	
iii. Mechanical Engineering:	
CS 316 and 317 plus	
12 additional hours from CS/CEG Technical Elective Courses	
iv. Bio-Informatics:	
CS 271 and 471 plus	
12 additional hours from CS/CEG Technical Elective Courses	

Visualization Option	Hours
I. Wright State Core	42
Communications: ENG 1100(3), EGR 3350(3)- Technical Communication for Engineers and Scientists	6
Mathematics: MTH 2300(4)	4
Global Traditions: 6 hours	6
Arts/Humanities: 3 hours	3
Social Science: 6 hours	6
Natural Science:	10
PHY 2400/2400L(5), 2410/2410L(5)	
Additional Core Courses	
MTH 2310 Calculus II (4) plus one other core course	7
II. Computer Science and Engineering Courses	55
A. Required Computer Science Courses	20
CS 1180 Computer Science I (4)	
CS 1181 Computer Science II (4)	
CS 3100 Data Structures and Algorithms (3)	
CS 3180 Comparative Languages (3)	
CS 4000 Social Implications of Computing (3)	
Select one of the following:	
CS 2210 Logic for Computer Scientists (3)	
or	
CS 3200 Theoretical Foundations of Computing (3)	
B. Required Computer Engineering Courses	14
CEG 2350 OS Concepts and Usage (4)	
CEG 3310 Computer Organization (4)	
CEG 4110 Introduction to Software Engineering (3)	
CEG 4350 OS Internals and Design (3)	
C. Visualization Option Specific Courses	21
CEG 4500 Computer Graphics (3)	
CEG 4510 3D Modeling/Animation (3)	
CEG 4520 Sci Vis and Virt Env (3)	
Students must pick one of four application areas among	
i. Biomedical Engineering,	
ii. Industrial and Systems Engineering,	
iii. Mechanical Engineering, and	
iv. Bio-Informatics	
and take the following area-specific courses:	
i. Biomedical Engineering:	
12 hours from CS/CEG Technical Elective Courses	
ii. Industrial Systems Engineering:	
12 hours from CS/CEG Technical Elective Courses	
iii. Mechanical Engineering:	
CS 3260 (3) plus 9 additional hours from CS/CEG Technical Elective Courses	
iv. Bio-Informatics:	
CS 3810 (3) and 4810 (3) plus 7 additional hours from CS/CEG Technical Elective Courses	

III. Mathematics Requirements MTH 229, 230, 231, 253, 257 STT 363 or STT 360 or ISE 301 (ISE 301 is required for application area Industrial and Systems Engineering) Science and Mathematics Electives CHM 121/125	29 21 3 5
IV. Application Area-specific Courses Depending on the chosen application area, students must take the following courses for the same application area: i. Biomedical Engineering: ANT 310, 311, 312, BME 470, 471 ii. Industrial and Systems Engineering: ISE 406, 407, 431, 451 iii. Mechanical Engineering: ME 102, 212, 213, 315, 317 iv. Bio-Informatics: BIO 111, 112, 115 Remaining hours may be taken from any area of study up to at least 20 credit hours.	20 12-23 0-8
Total	191

III. Mathematics and Science Courses A. Required Mathematics/Statistics Courses MTH 2530 Elementary Linear Algebra (3) MTH 2570 Discrete Math for Computing (3) ISE 2211 or STT 3600 Statistics (3) B. Required Science Courses CHM 1210/1210L (5)	14 9 5
IV. Application Area Specific Courses Depending on the chosen application area, students must take the following courses for the same application area: i. Biomedical Engineering: ANT 3100 (4), 3120 (4), BME 4701 (4) ii. Industrial and Systems Engineering: ISE 3310 (3), 4310 (3), 4320 (3) iii. Mechanical Engineering: ME 2120 (3), 2210 (3), 3310 (3), 3350 (3) iv. Bio-Informatics: BIO 1120 (4), 1150 (4), 2110 (3) Remaining hours must be taken from any area of study approved by the Department of Computer Science and Engineering up to at least 11 credit hours	9
Total	120

Notes:

Academic Program Quarter to Semester Conversion and New Semester Program

College	CECS
Department	Biomedical, Industrial and Human Factors Engineering
Degree (A.A. B.S., B.F.A., etc.) & Title	BS
Concentration, Track, Option, Specialization	Industrial and Systems Engineering
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education	
Area 1: ENG 101, ENG 102, MTH 229, MTH 230	18
Area 2: 2 courses	8
Area 3: PSY 105 + 1 course	8
Area 4: 1 course	4
Area 5: PHY 240,200, 242,202, 244,204	16
Area 6: EGR 101, EGR 190	9
Area 2-4: 2 courses from different areas	8
	<hr/> 71
II. Department Courses	
ISE 195	2
ISE 301, 302, 406, 407, 431, 451, 470, 471, 472, 473, 474, 477, 478, 481, 482, 483, 484, 490	69
	<hr/> 71
III. CECS Courses	
CEG 220	4
EGR 335	3
EE 301, 302	5
ME 212, 213, 315	12
	<hr/> 24
IV. Other	
CHM 121, 125	5
MTH 231, 232, 235	15
	<hr/> 20
V. Electives	
At least 2 courses from an approved list	8
Total	<hr/> 194

Semester System Program	Hours
I. Wright State Core	
Communications: ENG 1100(3), EGR 3350(3)	6
Mathematics: MTH 2300(4)	4
Global Traditions: 6 hours	6
Arts/Humanities: 3 hours	3
Social Science: 6 hours	6
Natural Science: PHY 2400(4)/PHY 2400L(1), PHY 2410(4)/PHY 2410L(1)	10
Additional Core Courses: EGR 1010(4), MTH 2310(4)	8
	<hr/> 43
II. Department Courses	
ISE 1110(3)	3
ISE 2211(3), ISE 2212(3), ISE 2410(3)	9
ISE 3310(3), ISE 3540(3)	6
ISE 4310(3), ISE 4320(3), ISE 4410(3), ISE 4420(1), ISE 4510(4), ISE 4711(4), ISE 4712(4), ISE 4810(3), ISE 4820(3),	28
BME 3211(4), BME 3212(3), BME 3511(4), BME 4410(3)	14
Senior Design: ISE 4911(3), ISE 4912(3)	6
	<hr/> 66
III. CECS Courses	
IV. Other	
CHM 1210(3)/CHM 1210L(2)	5
MTH 2350(4)	4
	<hr/> 9
V. Electives	
Department Approved Elective	3
	<hr/> 3
Total	<hr/> 121

Notes:

College	CECS
Department	Mechanical and Materials Engineering
Degree (A.A. B.S., B.F.A., etc.) & Title	BS
Concentration, Track, Option, Specialization	Materials Science and Engineering
Minor Program Title	
Certificate Program Title	

Quarter System Program	
	Hours
I. General Education	
Area 1: MTH 229, MTH 230, Eng 101, Eng 102	18
Area 2:	8
Area 3:	8
Area 4:	12
Area 5: PHY 240/200, 242/202, 244/204	16
Area 6 EGR 101	5
	67
II. Department Courses	
ME 199, 102, 202, 212, 213	19
ME 313, 314, 315, 370, 371, 375, 376	26
ME 496, 497, 470, 472, 479, 477, 480, 483, 492, 493	35
Processing	8
	88
III. CECS Courses	
EE 301/302	5
	5
IV. Other	
CHM 121	5
MTH 231, 232, 235	15
	20
V. Electives	
MRE 14 credit from approved list	14
	14
Total	194

Semester System Program	
	Hours
I. Wright State Core	
Communications: ENG 1100(3), EGR 3350(3)- Technical Communication for Engineers and Scientists	6
Mathematics: MTH 2300(4)	4
Global Traditions: 6 hours	6
Arts/Humanities: 3 hours	3
Social Science: 6 hours	6
Natural Science: PHY 2400(4)/PHY 2400L(1), PHY 2410(4)/PHY 2410L (1)	10
Additional Core Courses: EGR 1010(4), CHM 1210(3)/1210L(2)	9
	44
II. Department Courses	
ME 1020, 1030(2),	5
ME 2120, 3120, 2700, 2020	12
ME 3600, 3610, 3750, 3760	11
ME 4700, 4720, 4730, 4740, 4750, 4770	19
Senior Design, Choose one sequence: a) EGR 4910, 4920 b) ME 4910, 4920	6
	53
III. Materials Related Electives	6
2 from approved list	
IV. Technical Elective	6
2 from approved list	
V. CECS Courses	
EE 2010(3)/EE 2011(1)	4
IV. Other	
MTH 2310(4), MTH 2320(4), 2350(4)	12
Total	125

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Academic Program Quarter to Semester Conversion and New Semester Program

College	CECS
Department	Mechanical and Materials Engineering
Degree (A.A. B.S., B.F.A., etc.) & Title	BS
Concentration, Track, Option, Specialization	Mechanical Engineering
Minor Program Title	
Certificate Program Title	

Quarter System Program	Hours
I. General Education	
Area 1: MTH 229, MTH 230	18
Area 2:	8
Area 3:	8
Area 4:	12
Area 5: PHY 240/200, 242/202, 244/204	16
Area 6: EGR 101	5
	<hr/> 67
II. Department Courses	
ME 102, 199, 202, 212, 213	19
ME 313, 314, 315, 316, 317, 318, 360, 370, 371	35
ME 408, 410 412, 414, 415, 460, 490, 491	31
2 of 3 from ME 495, 496, 497	4
	<hr/> 89
III. CECS Courses	
EE 301/302, 413/414	9
	----- 9
IV. Other	
CHM 121/5	5
MTH 231, 232, 235	15
STT 363	3
	----- 23
V. Electives	
At least 3 courses from an approved list	10
Total	<hr/> 198

Semester System Program	Hours
I. Wright State Core	
Communications: ENG 1100(3), EGR 3350(3)- Technical Communication for Engineers and Scientists	6
Mathematics: MTH 2300(4)	4
Global Traditions: 6 hours	6
Arts/Humanities: 3 hours	3
Social Science: 6 hours	6
Natural Science: PHY 2400(4)/PHY 2400L(1), PHY 2410(4)/PHY 2410L(1)	10
Additional Core Courses: EGR 1010(4), CHM 1210(3)/1210L(2), MTH 2310 (4)	<hr/> 13
	48
II. Department Courses	
ME 1020, 2020, 1030(2), 2120, 3310	14
ME 2210, 3120, 3350, 2700, 3600	15
ME 3360, 3210, 4140	9
Choose one track	9
Design: ME 4150, ME 4210, ME 4120	
Fluid Thermal: ME 3320, ME 4010, ME 4340	6
Senior Design, Choose one sequence:	
a) EGR 4910, 4920	
b) ME 4910, 4920	2
Senior Lab (pick 1 from approved list)	<hr/> 55
III. CECS Courses	
EE 2010(3)/EE 2010L(1)	4
IV. Other	
MTH 2320(4), MTH 2350(4)	8
V. Electives	
2 from an approved list	6
Total	<hr/> 121

Notes:

Academic Program Quarter to Semester Conversion

College	Science and Mathematics
Department	Biological Sciences
Degree, Major Program	Bachelor of Science: Biology

Quarter System		Semester System	
	Hours		Hours
I. General Education BIO 111, 112, 115 STT 264 and 265 AREA VI EES 260 or PSY110 or SM101 or SM 205	42	I. Wright State Core Element 1: Communication Element 2: Mathematics MTH 2240 or MTH 2300 required Element 3: Global Traditions Element 4: Arts and Humanities Element 5: Social Sciences Element 6: Natural Sciences BIO 1120 and BIO 1150 required Additional Core Courses CHM 1210/1210L, CHM 1220/1220L required	43 6 4 6 3 6 8 10
II. Departmental Requirements BIO 111, 112, 115 BIO 210, 211, 212, 213, 230, 231, 492	37 12 25	II. Departmental Core Requirements BIO 2100, 2110, 2120, 2130, 2140, 2310 Senior Capstone Experience (BIO 4000 or BIO 4020 or BIO 4920)	15
III. Departmental Electives Select a minimum of 25 credits from 300- and 400- level courses with a prefix of BIO, M&I, or EXB. A maximum of 15 credits may be selected from the Departments of ANT, BMB, P&B, PHR, CHM, GL, MTH, STT, PHY, PSY, ATH, CL, EH. A maximum of 8 credits of independent study courses may apply: i.e. BIO 399, 488, 490, 492, 499, CHM 488, ANT 499, BMB 499, P&B 499. Departmental honors students may apply up to 12 credits of BIO495.	40	III. Departmental Requirements and Electives Select 30 credits from 3000- and 4000- level courses. Among those selected: -- At least one course must include a lab component. -- At least 20 credits must have a prefix of BIO or M&I or EXB. -- At most 10 credits may have a prefix of ANT, BMB, EES, PTX, CHM, MTH, NCBP, STT, PHY, PSY	30
IV. Related Requirements CHM 121/125, 122/126, 123/127, 211/215, 212/216, 213/217 PHY 111/101, 112/102, 113/103 MTH 228, STT 264, STT 265 or MTH 229, 230, 231	61 33 15 13	IV. Related Course Requirements CHM 2110/2110L, CHM 2120/2120L PHY 1110/1110L, PHY 1120/1120L STT 2640	26 12 10 4
V. General Electives	7	V. General Electives	10
Total	187	Total	124

Notes:

****For graduation credit, a grade of C or better required for all Core, Departmental, Supporting and Elective science and math courses.**

Academic Program Quarter to Semester Conversion

College	Science and Mathematics
Department	Biological Sciences
Degree, Major Program	Bachelor of Science: Exercise Biology

Quarter System		Semester System	
	Hours		Hours
I. General Education BIO 111, 112, 115 STT 264 and 265 AREA VI EES 260 or PSY110 or SM101 or SM 205	42	I. Wright State Core Element 1: Communication Element 2: Mathematics STT 164 required Element 3: Global Traditions Element 4: Arts and Humanities Element 5: Social Sciences Element 6: Natural Sciences BIO 1120 and BIO 1150 required Additional Core Courses CHM 1210/1210L, CHM 1220/1220L required	43 6 4 6 3 6 8 10
II. Departmental Core Requirements BIO 111, 112, 115 BIO 210, 211, 212, 213, 230, 231, 492	37 12 25	II. Departmental Core Requirements BIO 2100, 2120, 2130, 2140 Senior Capstone Experience (BIO 4000 or BIO 4020 or BIO 4920)	8
III. Departmental Requirements and Electives ANT 310, 311, 312 EXB 194, 260, 352, 353, 370, 450, 451, 452, 466	40	III. Departmental Requirements and Electives BIO 1010, 3700, 4520 ANT 3100, 3120 EXB 3520, 3530, 4500, 4660	34 8 8 18
IV. Related Requirements CHM 121/125, 122/126, 123/127, 211/215, 212/216 CHM 213/217 or BMB 423 or BMB 427 PHY 111/101, 112/102 MTH 130, STT 264, STT 265	61 33 15 13	IV. Related Course Requirements CHM 2110/2110L, CHM 2120/2120L PHY 1110/1110L, PHY 1120/1120L BMB 2500, MTH 1340, PSY 3410	33 12 10 11
V. General Electives	7	V. General Electives	7
Total	187	Total	125

Notes:

****For graduation credit, a grade of C or better required for all Core, Departmental, Supporting and Elective science and math courses.**

Combined-Degree Programs Graduate Credit for Undergraduates

An undergraduate/graduate combined-degree program provides an opportunity for an undergraduate student to begin working toward a masters degree in his/her senior year, and to complete the bachelors and masters degrees in less combined time than it would take to complete them separately; it is an accelerated program designed for high-performing students. A student must meet the academic standards defined below and be accepted to participate in the combined-degree program.

Students pursuing both the bachelors' and masters' degrees at Wright State, or students, under partnership agreements, pursuing bachelors' degrees at other institutions and masters' degrees at Wright State, can participate in approved combined-degree programs. Departments, colleges, and other units wishing to create combined-degree programs must have proposals for those programs approved by the Graduate Council and UCAPC. Such proposals must be based on undergraduate and graduate programs already approved and offered—that is, a combined-degree program proposal cannot be used to create a new degree program.

When submitted, proposals must include:

- Title of the program and college/school and department responsible for administering the program.
- A description of existing requirements for both bachelors' and masters' degrees.
- A description of the proposed program requirements explaining how the program satisfies the requirements of both the bachelors' and masters' degrees.
- A list of graduate courses that will be allowed to count towards both bachelor's and master's degrees.
- Any additional eligibility requirements beyond the minimums described herein.
- Course inventory & course modification requests if courses are being created or modified as part of the proposal.
- Letters or statements of support from all potentially affected departments.
- A resource impact review, assessing the needs of the program pertaining to staffing, space, computer and library resources.

For a student enrolled in a combined-degree program, a maximum of 12 semester credit hours or 18 quarter credit hours of graduate level courses can be used to satisfy both the bachelor's and the master's degree requirements. Units proposing combined programs with a higher number of common credit hours will need to secure approval through the process described above. It is a general expectation that students will take graduate level courses only after attaining senior status as undergraduates; programs that wish to design a curriculum that differs from this expectation should make sure to explain their reasoning in the proposal.

To participate in a combined-degree program, students must meet all of the following qualifications:

- 3.2 cumulative grade point average on all undergraduate work, including undergraduate credits earned at other institutions and transferred to Wright State, upon attaining senior standing.
- Undergraduate advisor's approval.
- Permission of the chair of each department in which graduate credit is desired.

Students admitted into an approved combined degree program do not have to formally apply to take graduate courses. The Program Director of the combined degree program will forward to the School of Graduate Studies Admissions Office the names of the students that desire to take graduate courses for graduate credit. The School of Graduate Studies will make the appropriate arrangements with the Registrar's Office to allow these students to register for graduate credit. Students admitted to a combined degree program will be admitted as provisional graduate students to the School of Graduate Studies, pending completion of the requirements for their bachelors degree.

If students have studies in progress at the time permission to take dual-listed courses is requested for the next term, any approval of the application is provisional and based upon the meeting of all required standards at the end of the current term. Permission will be revoked upon failure to meet these standards.

Students who are pursuing an undergraduate degree at Wright State University or another accredited university may, under certain circumstances, take graduate courses for graduate or undergraduate credit outside of the combined-degree program. Students must complete the Senior Permission Form and obtain all required signatures. Reapplication is required for any subsequent period. In addition, students must indicate their desire for undergraduate or graduate credit. No changes will be granted to the type of credit selected after the course(s) have been completed. Courses taken for undergraduate credit may be applied, with the academic unit's approval, toward undergraduate degree requirements.

Non-degree undergraduate students are not permitted to register for graduate courses.

Approved: University Curriculum and Academic Policy Committee _March 15, 2011_

Approved: Graduate Council _March 15, 2011_

Approved: Faculty Senate _May 2, 2011_

**Combined BS/MS Degree Program
in the Department of Electrical Engineering
at Wright State University**

**Approved by: Dept Graduate Studies Committee
January 20, 2011**

**Approved by: EE Dept Faculty
February 24, 2011**

The Department of Electrical Engineering proposes to offer a combined BS/MS degree program which allows students to receive both BS (EE or EP) and MS EE degrees in 5 years. Up to eighteen (18) quarter or twelve (12) semester credit hours of the 600/700 level quarter courses or the 6000/7000 level semester courses may be double counted and applied toward both BS and MS degree requirements.

Admission Process

At the end of their junior year, students who are interested in pursuing 5-year combined BS/MS degrees should submit the Graduate School Application to the Graduate Committee of Electrical Engineering. Required documents: (1) WSU transcript; (2) two recommendation letters; (3) a program of study approved by both the undergraduate advisor and the graduate program director.

Admission Requirements

The students must have (1) a cumulative undergraduate GPA of at least 3.3, (2) completed at least 145 quarter or 90 semester credits of 198 quarter or 121 semester credits required for the BS degree, and (3) completed the following required EE/EP core courses: EE322(4000), EE331(3310), and EE345(3450) with a minimum GPA of 3.3 over these core courses to be admitted into the combined BS/MS program. The admission to the Graduate School will normally be at the beginning of subsequent quarter (semester) upon approval. The students will then have dual status as undergraduate students and graduate students. After admission the students are eligible to apply for graduate assistantship. The admitted students are strongly encouraged to engage research activities as early as possible with possible sponsorship from the Undergraduate Research Opportunity Program (UROP).

The students admitted to the combined BS/MS program may withdraw from the combined program and continue as the traditional undergraduate students. However, if they are awarded the BS degree and become graduate students again in the later time, the graduate credits applied to the BS cannot be applied to the MS.

Degree requirements

Students may use up to eighteen (18) quarter or twelve (12) semester credits of graduate courses taken after entering the combined BS/MS program to partially fulfill the requirements of both BS and MS degrees. Of these eighteen (18) quarter or twelve (12) semester credits, at least 50% of graduate courses must be taken at the 700(7000) level. In addition, the students need to meet the other degree requirements as explained in the respective BS and MS degree programs.

Freshman Year

Class	Credit Hour	WI	BS/MS	Grade	Description
ENG 101	4.0				Academic Writing and Reading
ENG 102	4.0				Writing in Academic Discourse
EE 160	4.0	Y			Digital Design with HDL
GEN ED	4.0	Y			Choose from Area II (HST)
GEN ED	4.0	Y			Choose from Area II (Non-West)
	3.0				Technical Elective
CHM 121	3.0				Submicroscopic Chemistry
CHM 125	2.0				Submicroscopic Chemistry Lab
MTH 229	5.0				Calculus I
EGR 101	5.0				Mathematics for Engineering Applications
CEG 220	4.0				Introduction to "C" for Engineers
PHY 240	4.0				Physics I
PHY 200	1.0				Physics I Laboratory
CEG 221	4.0				Advanced "C" for Engineers

Sophomore Year

Class	Credit Hour	WI	BS/MS	Grade	Description
MTH 230	5.0				Calculus II
MTH 231	5.0				Calculus III
PHY 242	4.0				Physics II
PHY 202	1.0				Physics II Laboratory
PHY 244	5.0				Physics III
PHY 204	1.0	Y			Physics III Laboratory
GEN ED	4.0				Choose from Area III
GEN ED	4.0				Choose from Area III
EE 260	4.0				Digital Computer Hardware/Switching Circuits
EE 301	4.0				Circuit Analysis I
EE 302	1.0				Circuit Analysis I Laboratory
EE 303	3.0				Circuit Analysis II
EE 304	1.0				Circuit Analysis II Laboratory
EE 321	4.0				Linear Systems I
ME 212	4.0				Statics
ME 213	4.0				Dynamics

Junior Year

Class	Credit Hour	WI	BS/MS	Grade	Description
MTH 232	5.0				Calculus IV
MTH 235	5.0				Differential Equations with Matrix Algebra
EE 322	4.0				Linear Systems II
EE 331	3.0				Electronic Devices
EE 332	1.0				Electronic Devices Laboratory
EE 345	4.0				Electromagnetics
EE 413	3.0		613		Control Systems I
EE 414	1.0		614		Control Systems I Laboratory
EE 421	4.0		621		Communication Theory
EE 431	3.0		631		Electronic Circuits
EE 432	1.0		632		Electronic Circuits Laboratory
EE 325	4.0				Numeric Methods
GEN ED	4.0				Choose from Area IV
EE	4.0				Engineering Elective
EE	4.0				Engineering Elective

Senior Year						
Class		Credit Hour	WI	BS/MS	Grade	Description
STT	363	3.0				Statistical Methods
EGR	335	3.0				Technical Communications
CEG	411	4.0				Microprocessor-Based System Design
EE		3.0				Engineering Elective
EE		4.0				Engineering Elective
EE		4.0				Engineering Elective
EE		4.0				Engineering Elective
EE		3.0				Engineering Elective
GEN ED		4.0				Choose from Area II, III or IV
GEN ED		4.0				Choose from Area II, III or IV
		4.0				Technical Elective
		3.0				Technical Elective

Design Sequence I - Electronic Circuits

Class		Credit Hour	WI	BS/MS	Grade	Description
EE	444	4.0		644		Linear Integrated Circuits
EE	451	4.0		651		Digital Systems Design
EE	454	4.0		654		VLSI Design
EE	481	3.0	Y			Senior Design Project I
EE	482	3.0	Y			Senior Design Project II

Design Sequence II - Control Systems

Class		Credit Hour	WI	BS/MS	Grade	Description
EE	415	3.0		615		Control Systems II
EE	416	1.0		616		Control Systems II Laboratory
EE	417	3.0		617		Digital Control Systems
EE	420	1.0		620		Digital Control Systems Laboratory
EE	481	3.0	Y			Senior Design Project I
EE	482	3.0	Y			Senior Design Project II

Design Sequence III - Communication/Signal Processing (Choose two of the following three marked with an asterisk.)

Class		Credit Hour	WI	BS/MS	Grade	Description
EE	436*	4.0		636		Digital Signal Processing
EE	437*	4.0		737		Modern Signal Processing
EE	473*	3.0		673		Wireless Communication I
EE	474*	1.0		674		Wireless Communication I Laboratory
EE	481	3.0	Y			Senior Design Project I
EE	482	3.0	Y			Senior Design Project II

Design Sequence IV - Electromagnetics

Class		Credit Hour	WI	BS/MS	Grade	Description
EE	442	4.0		642		Transmission Lines, Waveguides and Radiating Systems
EE	446	4.0		646		Microwave Circuit Design
EE	481	3.0	Y			Senior Design Project I
EE	482	3.0	Y			Senior Design Project II

1. A grade of "C" or better is required in CHM 121 or PHY 240.
2. Students wishing to develop additional skills in programming may want to consider a CS minor. Please see your advisor.
3. Thermodynamics (ME 315) may be substituted for CEG 221.
4. Students may choose to substitute EE 326 or ISE 301. Credit will not be given for both ISE 301 and STT 363. If ISE 301 or EE 326 is selected, the extra credit hour may be applied toward technical or engineering elective credits.
5. Technical elective courses (7 credit hours required) are to be chosen from those numbered 200 or higher in CECS, COSM or College of Business and approved by the student's advisor. Redundant courses and co-listed courses may not be used.
6. Engineering elective courses (26 credit hours required) are to be selected from those numbered 300 or above in CECS and approved by the advisor. Transfer credits for engineering electives may be selected from upper level courses in an ABET accredited bachelor's engineering program and approved by the advisor. At least 20 of the 26 credit hours are to be from EE course numbers. At least one design sequence is to be completed.
7. Students admitted to the combined BS/MS program should take 600 level courses (listed under BS/MS). Up to 18 quarter credit hours of the 600/700 level may be double counted and applied toward both BS and MS degree requirements. Of these 18 quarter graduate credits, at least 50% must be taken at the 700 level. Any 700 level EE credits can be applied to the BS/MS degree requirements.

Semester System Program for Electrical Engineering Combined BS/MS Degrees

Wright State Core			BS/MS
Communications:		6 hours	
ENG 1100 (3) – Academic Writing & Reading			
EGR 3350 (3) – Technical Communications for Engineers & Scientists			
Mathematics:		4 hours	
MTH 2300 (4) – Calculus I			
Global Traditions:		6 hours	
Arts/Humanities:		3 hours	
Social Science:		6 hours	
Natural Science:		10 hours	
PHY 2400 (4) – General Physics I			
PHY 2400L (1) – General Physics I Lab			
PHY 2410 (4) – General Physics II			
PHY 2410L (1) – General Physics II Lab			
Additional Core Courses:		8 hours	
EGR 1010 (4) – Intro Math for Engineering Applications			
MTH 2310 (4) – Calculus II			
		43 hours	
Department Courses			
EE 1000 (1) – First year learning community		8 hours	
EE 2000 (3) - Digital Design with HDL	EE2000L (1) – Digital Design with HDL Lab		
EE 3000 (3) – Solid State EE Materials			
EE 2010 (3) – Circuit Analysis I	EE 2010L (1) – Circuit Analysis I Lab	10 hours	
EE 3210 (3) – Linear Systems I	EE 3260 (3) – Random Signals & Noise		
EE 3310 (3) – Devices & Circuits	EE 3310L (1) – Devices & Circuits lab	8 hours	
EE 3450 (3) – Intro to Electromagnetics	EE 3450L (1) – Intro to Electromagnetics Lab		
EE 4000 (3) – Linear Systems II		3 hours	EE 6000
Advanced EE (complete at least 3 from this list):		10 hours	
EE 4130 (3) – Continuous Control Systems	EE 4130L (1) – Continuous Control Systems Lab		EE6130/6130L
EE 4210 (3) – Digital Communications	EE 4210L (1) – Digital Communications Lab		EE6210/6210L
EE 4360 (3) – Digital Signal Processing			EE6360
EE 4420 (3) – Microwave Engineering I	EE 4420L (1) – Microwave Engineering I Lab		EE6420/6420L
EE 4620 (3) – Digital Integrated Ckt Design	EE 4620L (1) – Digital Intg Ckt Design Lab		EE6620/6620L
EE Tracks (complete at least one track from the courses listed below):		10 hours	
*Electronic system:			
EE 4100 (3) – MEMS I Microfabrication			EE6100
EE 4400 (3) – Electronic Integrated Ckts	EE 4440L (1) – Electronic Integrated Ckts Lab		EE6400/6400L
*Control Systems:			
EE 4170 (3) – Digital Control Systems	EE 4170L (1) – Digital Control Systems Lab		EE6170/6170L
And one of the following:			

EE 4190 (3) – Intro to Intel Control Syst	EE 4190L (1) – Intro to Intel Control Syst Lab	EE6190/6190L
EE 4560 (3) – Intro to Robotics	EE 4560L (1) – Intro to Robotics Lab	EE6560/6560L
*Microwave Engineering:		
EE 4460(3) – Microwave Engineering II	EE 4460L (1) – Microwave Engineering II Lab	EE6460/6460L
EE 4470 (3) – Antenna Theory & Design	EE 4470L (1) – Antenna Theory & Design Lab	EE6470/6470L
*Sensors & Signal Processing		
EE 4100 (3) – MEMS I Microfabrication		EE6100
And one of the following:		
EE 4700 (3) – MEMS II Sensors	EE 4700L (1) – MEMS II Sensors Lab	EE6700/6700L
EE 4750 (3) – Intro to Radar Systems		EE6750
*VLSI and Computer EGR:		
EE 4540 (3) – VLSI Design	EE 4540L (1) – VLSI Design Lab	EE6540/6540L
And one of following:		
EE 4100 (3) – MEMS I Microfabrication		EE6100
CEG 4330 (3) – Microprocessing Embedded Systems		CEG6330
EE 4420 (3) – Microwave Engineering I	EE 4420L (1) – Microwave Engineering I Lab	EE6420/6420L
*Wireless Communications:		
EE 4730 (3) – Wireless Communications	EE 4730L (1) – Wireless Communications Lab	EE6730/6730L
EE 4470 (3) – Antenna Theory & Design	EE 4470L (1) – Antenna Theory & Design Lab	EE6470/6470L
Senior Design (complete one sequence):		5 hours
EE 4910 (2) and EE 4920 (3)		EE6910/6920
EGR 4910 (3) and EGR 4920 (3)		
		54 hours
CECS Courses		
CEG 2170 (4) – Intro to C Programming for Scientist & Engineers		4 hours
Other		
MTH 2320 (4) – Calculus III		8 hours
MTH 2350 (4) – Differential Equations with Matrices		
Electives		12 hours
From an approved list		
Total		121 hours

Students admitted to the combined BS/MS program should take 6000 level courses (listed under BS/MS). Up to twelve (12) semester credits of 6000/7000 level courses may be double counted and applied toward both BS and MS degree requirements. Of these 12 semester credits, at least 50% must be taken at the 7000 level. Any 7000 level EE courses can be applied toward the BS/MS degree requirements.

(Semester_BS-MS-Program_for_Electrical_Engineering.docx) 03/17/11