College of Engineering and Computing Course Catalogs

NSU Course Catalogs and Course Descriptions

1983

Office of Computer Studies Schedule of Classes

Nova University

Schedule of Classes

1983-1984 Schedule

Office of Computer Studies (OCS)
Credit and Non-Credit Workshops and Seminars
Complete Programs leading to the Bachelor's,
Master's, and Educational Specialist Degrees

BROWARD 475-7463
DADE 940-6447
PALM BEACH 732-6600
FL WATS 1-800-432-5021 ex. 7445

◈ Nova University
OFFICE OF COMPUTER STUDIES

NON-PROFIT ORGANIZATION
U.S. POSTAGE
PAID
PERMIT NO. 886
FT. LAUDERDALE, FLORIDA

Nova University
OFFICE OF COMPUTER STUDIES
3301 College Avenue
Fort Lauderdale, Florida 33314
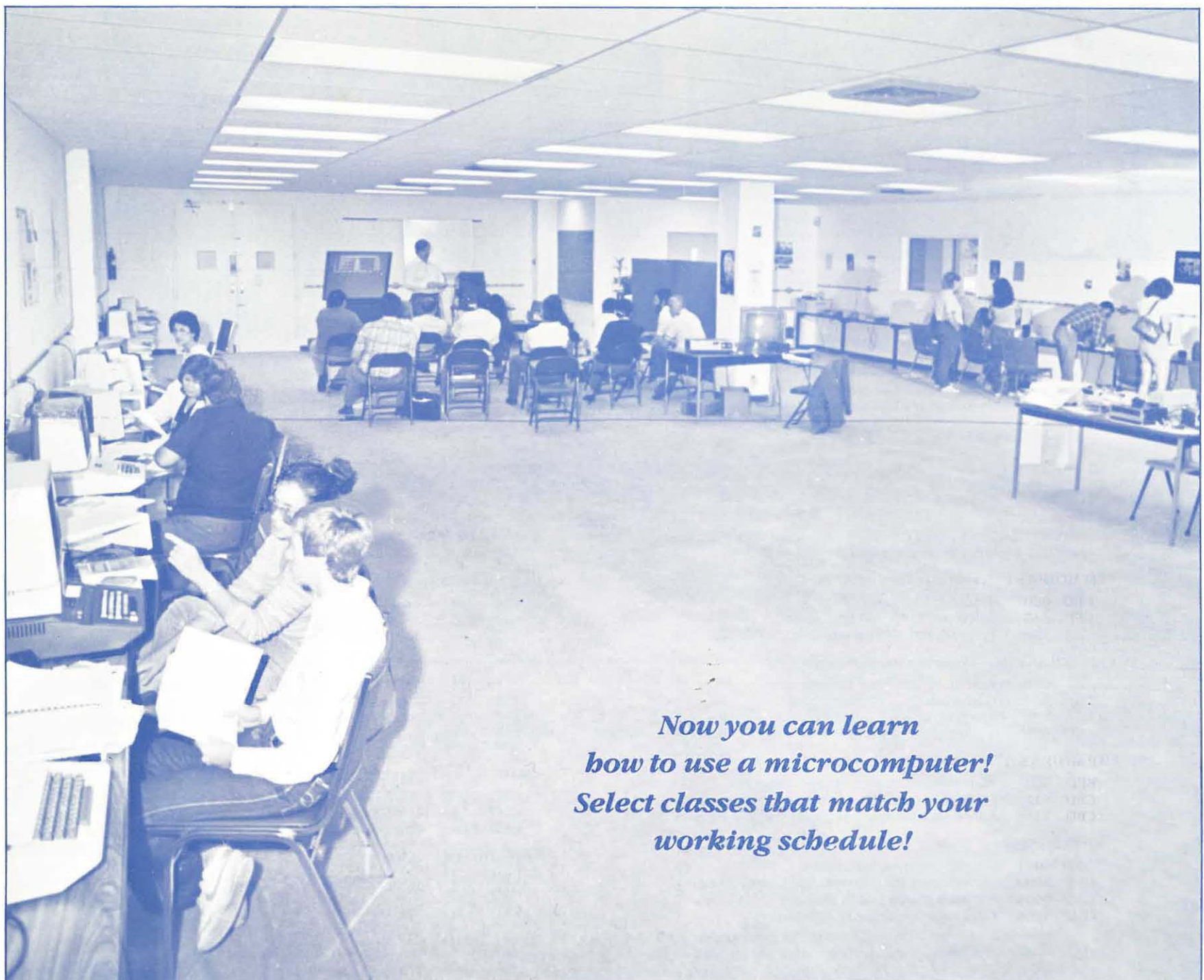
Now you can learn
how to use a microcomputer!
Select classes that match your
working schedule!

OCS Course Schedule

Offerings: You can start learning how to use a micro-computer through a noncredit or credit seminar or a workshop, a single course, an 18-21 credit certificate or specialty area, or you may pursue an entire graduate degree.

Thirty-six-semester-hour degree programs are offered in the use of microcomputers for **K-12 teachers** with four different majors at the master of science or educational specialist level:

DEGREE MAJORS

1- Computer Education
2- Computer Studies
3- Computer Applications
4- Computer Hyphenated Major

If your work is in the areas of **business, public administration, or training,** you may pursue a certificate or master of science degree in the use of microcomputers in management with a specialty in one of these areas:

1- Business
2- Public Administration
3- Human Resource Management

Contact the Center for the Study of Administration for further information: 475-7645.

College and university faculty may pursue a certificate, master of science, or educational specialist degree in the use of micro-computers in one of these areas:

1- Higher Education
2- Adult Education
3- Vocational, Technical, and Occupational Education

The Center for Higher Education (CHE) may be called for further details: 475-7380.

Tuition and Fees: Tuition must be paid at least one week before the first class session or there will be a $20 late fee. There is a one-time Nova University Graduate Application fee of $25.00. Tuition differs by Centers:

CED courses: $ 80/credit hour
CHE courses: $100/credit hour
GMP courses: $125/credit hour

For further information call:
BROWARD: 475-7463
DADE: 940-6447,
                    ext. 7463
FLORIDA WATS: 1-800-432-5022,
                    ext. 7463

FOR COUNSELING: Call 475-7463 to make an appointment to discuss your program with an OCS counselor.

It is important that you register early to insure enrollment in class and to avoid the late fee.

FALL CYCLE   September 6 - December 22, 1983

SATURDAYS *(8:30 a.m. - 3:45 p.m.)* Sept. 10 - Dec. 17
  (plus one Wednesday evening; Sept 7 - 6:00-9:30 p.m.)

CED MODULE I - "Computer Literacy"

CED	600	Teaching Computer Literacy
CED	617	Software Search and Evaluation
CED	726	Programming Microcomputers in PILOT

CED MODULE III - "Computer Assisted Instruction"

CED	610	Authoring Tools and Graphics
CED	621	Computer Assisted Instruction
CED	728	Programming Microcomputers in Pascal
CED	521	Computer Assisted Instruction, Courseware Version

CAP MODULE II - "Computer Applications"

BED	500	Wordprocessing with Microcomputers
CED	521	Computer Assisted Instruction, Courseware Version
CED	721	Administrative Applications of Microcomputers

GMP COURSES*:

GMP	5901	Microcomputing in Business
GMP	5902	Workshop in Microcomputing (2 credit hours)
GMP	5903	Software Search and Evaluation
GMP	5905	Computer Applications in Business

EVENINGS *(5:00-9:00 p.m.)*
  Mondays and Wednesdays *(Sept. 7 - Dec. 16)*

CED MODULE II - "Programming"

CED	725	Programming Microcomputers
CED	735	Advanced Programming of Microcomputers in BASIC
CED	680	Teaching BASIC Programming

CED MODULE IV - "Advanced Utilization of Microcomputers"

CED	729	Advanced Programming of Microcomputers in Pascal
CED	622	Interactive Video
CED	721	Administrative Applications of Microcomputers

Tuesdays and Thursdays *(Sept. 6 - Dec. 15)*

CED MODULE I - "Computer Literacy"

CED	600	Teaching Computer Literacy
CED	617	Software Search and Evaluation
CED	726	Programming Microcomputers in PILOT

INDIVIDUAL COURSES:

CED	522	Microcomputing in the Curriculum
CED	600	Teaching Computer Literacy
CED	728	Programming Microcomputers in Pascal *(begins October 22, 1983)*

Mondays and Wednesdays *(Nov. 2-Dec. 7, 1983)*
CED	600	Teaching Computer Literacy *(Available at Coral Springs campus only; University School—Radio Shack™ equipment).*

*GMP COURSES are on a special Friday/Saturday schedule which is run on a quarterly basis beginning in January, April, July, and October of each year. Call for details.

WINTER CYCLE   January 3-28, 1984 - February 1-25, 1984

INDIVIDUAL COURSES

Saturdays *(8:30 a.m. - 3:45 p.m.)* Jan. 7 - Jan. 28
   (plus one Thursday evening; Jan. 5 - 6:00-9:30 p.m.)

   CED 617   Software Search and Evaluation
   CED 729   Advanced Programming of Microcomputers in Pascal
   CED 750   Independent Study

Saturdays *(8:30 a.m.-3:45 p.m.)* Jan. 7-Feb. 25
   (plus four Thursday evenings; Jan. 5-Feb. 2—6:00-9:30 p.m.)
   LR Core I   Learning Resources.

Evenings *(5:00-9:00 p.m.)*

Monday, Wednesday, & Friday *(Jan. 4 - Jan. 25)*

   CED 675   Simulation
   CED 736   Introduction to LOGO
   MC   705   Communicating with Microcomputers
   CED 617   Software Search and Evaluation *(Available at Coral Springs only; Radio Shack™ equipment)*

Tuesday, Thursday and Friday *(Jan. 5-Jan. 26)*

   CED 522   Microcomputing in the Curriculum
   CED 600   Teaching Computer Literacy

Saturdays *(8:30 a.m. - 3:45 p.m.)* Feb. 4 - Feb. 25
   (plus one Thursday evening; Feb. 2 - 6:00-9:30 p.m.)
   CED 726   Programming Microcomputers in PILOT
   CED 750   Independent Study

Evenings *(5:00-9:00 p.m.)*

Monday, Wednesday, & Friday *(Feb. 1 - Feb. 22)*

   CED 727   Programming Microcomputers in FORTRAN
   MC   615   Microcomputer Graphics
   CED 726   Programming Microcomputers in PILOT *(Available at Coral Springs campus)*

Tuesday, Thursday & Friday *(Feb. 2 - Feb. 23)*

   CED 617   Software Search and Evaluation
   CED 622   Interactive Video
   CED 740   Artificial Intelligence

GMP COURSES*:

   GMP 5901   Microcomputing in Business
   GMP 5902   Workshop in Microcomputing (2 credit hours)
   GMP 5908   Authoring Tools and Graphics

SPRING CYCLE   March 7 - June 16, 1984

SATURDAYS *(8:30 a.m. - 3:45 p.m.)* Mar. 3 - June 16
   (plus one Thursday evening; Mar. 1 - 6:00-9:00 p.m.)

CED MODULE II - "Programming"

   CED 725   Programming Microcomputers
   CED 735   Advanced Programming of Microcomputers in BASIC
   CED 680   Teaching BASIC Programming

CAP "Computer Applications"

   BED 500   Wordprocessing with Microcomputers
   CED 521   Computer Assisted Instruction, Courseware Version
   CED 721   Administrative Applications of Microcomputers

INDIVIDUAL COURSES:

   CED 621   Computer Assisted Instruction
   MC   615   Microcomputer Graphics

   Mondays and Wednesdays *(March 7-April 9) (Available at Coral Springs campus only)*
   CED 725   Programming Microcomputers
   CED 735   Advanced Programming of Microcomputers in BASIC *(Available at Coral Springs campus only; April 11- May 21)*

GMP COURSES*:

   GMP 5901   Microcomputing in Business
   GMP 5902   Workshop in Microcomputing (2 credit hours)

   GMP 5903   Software Search and Evaluation
   GMP 5904   Advanced Programming of Microcomputers
   GMP 5905   Computer Applications in Business

EVENINGS *(5:00-9:00 p.m.)*

   Mondays and Wednesdays *(Mar. 7 - June 13)*

CED MODULE III - "Computer Assisted Instruction"

   CED 610   Authoring Tools
   CED 621   Computer Assisted Instruction
   CED 728   Programming Microcomputers in Pascal

CED MODULE V - "New Applications"

   CED 675   Simulation
   CED 740   Artificial Intelligence
   CED 745   Futuristics
   CED 521   Computer Assisted Instruction, Courseware Version

   Tuesdays and Thursdays *(Mar. 6 - June 14)*

CED MODULE I - "Computer Literacy"

   CED 600   Teaching Computer Literacy
   CED 617   Software Search and Evaluation
   CED 726   Programming Microcomputers in PILOT

TENTATIVE SUMMER 1984 CYCLE   July 5 - August 11

SESSION A

SUMMER DAY CYCLE *(July 5-August 11, 8:30 a.m. - 3:45 p.m.)*

   Monday, Wednesday and Friday

   CED MODULE I   Computer Literacy
   CED MODULE III   Computer Assisted Instruction
   CED 521   CAI (Courseware Version)
   CED MODULE V   New Applications

SESSION B

SUMMER DAY CYCLE *(July 5 - Aug. 18; 8:30 a.m. - 3:45 p.m.)*

   Tuesday, Thursday and Saturday

   CED MODULE II   Programming
   CED MODULE IV   Advanced Utilization
   CAP MODULE   Computer Applications

SESSION C

SUMMER EVENING CYCLE *(June 18 - July 12; 5:00-9:00 p.m.)*

   Monday, Tuesday and Thursday

   CED 725   Programming Microcomputers
   CED 600   Teaching Computer Literacy
   CED 728   Programming Microcomputers in Pascal
   CED 610   Authoring Tools and Graphics
   CED 621   Computer Assisted Instruction

   MC   705   Communicating with Microcomputers
   MC   615   Microcomputer Graphics
   CED 721   Administrative Applications of Microcomputers

Tuesday and Thursday *(July 5, 10, 12, 17, 19, 24, 26, 31 and August 2, 7, 9)*
   LR CORE I   Learning Resources CORE I

SESSION D

SUMMER EVENING CYCLE *(July 16 - Aug. 6; 5:00-9:00 p.m.)*

   Monday, Tuesday and Thursday

   CED 735   Advanced Programming of Microcomputers in BASIC
   CED 617   Software Search and Evaluation
   CED 736   Introduction to LOGO
   CED 726   Programming Microcomputers in PILOT

SESSION E

SUMMER SATURDAY CYCLE *(June 15 - Aug. 18; 8:30 a.m. - 3:45 p.m.)*
(plus Friday evenings 4:00-8:00 p.m.)

CED MODULE II - Programming

   CED 725   Programming Microcomputers
   CED 735   Advanced Programming of Microcomputers in BASIC
   CED 680   Teaching BASIC Programming

1983-84 ONE AND TWO-WEEK INTENSIVES *(December, April and June)*

WINTER *(December 23 (one Sat.), 26-30; Mon. - Fri.)* CED 522	CED 600	CED 617	GMP 5901	MC 705	BED 635	
SPRING *(April TBA; Mon. - Fri.)* CED 522	CED 600	GMP 5901	BED 500	CED 736		
SUMMER *(June 18-29; Mon. - Fri.)* CED 522	CED 600	CED 617	MC 615	MAT 640		

Current Open Lab hours posted in Microlab

You should not plan to take more than 9 credits during a regular cycle; i.e. Fall, Spring and Summer. During the Winter cycle, 6 credits should be your maximum and you should not try to take more than 3 credits during an Intensive. See a program outline for a suggested schedule for each module to enable you to complete your M.S. or Ed.S. degree within a 12 - 18 month period.
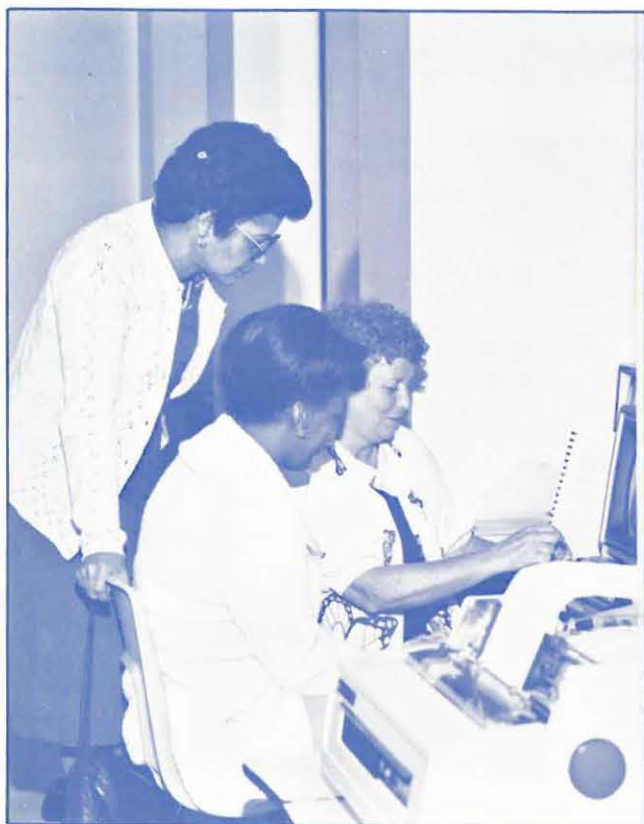
PROGRAM OUTLINES

Be sure you have a program outline in your file and a copy in your possession signed by a CED counselor. If you wish to discuss changing your major, please see a counselor (Call 475-7463 for appointment). All graduate education degrees programs are 36 semester hour programs. Business degrees programs are 36 semester hour programs with a computer literacy prerequisite and include a noncredit introductory programming seminar.

K-12 EDUCATORS:

				COMPUTER STUDIES	
COMPUTER EDUCATION	HYPHENATED MAJOR	COMPUTER APPLICATIONS	M.S. DEGREE	ED. S. DEGREE

COMPUTER EDUCATION		HYPHENATED MAJOR		COMPUTER APPLICATIONS		M.S. DEGREE		ED. S. DEGREE	
CED I	9 credits	CED I	9 credits	CED I	9 credits	CED I	9 credits	CED III*	9 credits
CED II	9 "	CED II	9 "	CAP	9 "	CED II	9 "	CED IV	9 "
CORE I	6 "	GEM MOD	9 "	Electives	6 "	CED III	9 "	CED V	9 "
CORE II	6 "	CORE (1/2)	3 "	CORE I/II	6 "	MC 705	3 "	MC 615	3 "
Practicum	6 "	Practicum	6 "	Practicum	6 "	Practicum	6 "	Practicum	6 "
Transfers	6 "	Transfers	3 "	Transfers	6 "	Transfers	6** "	Transfers	6** "

MODULE CONTENTS

The courses in each education module, as currently constituted, are listed below (see a GEM bulletin or brochure for a listing of the course names; they also appear on your CED program outline):

CED MODULE I - "Computer Literacy"

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CED	622	Interactive Video
CED	721	Administrative Applications of Microcomputers

CED MODULE V - "New Applications"

CED	675	Simulation
CED	740	Artificial Intelligence
CED	745	Futuristics

CAP - "Computer Applications"

BED	500	Wordprocessing with Microcomputers
CED	521	Computer Assisted Instruction, Courseware Version
CED	721	Administrative Applications of Microcomputers

*Electives if CED III was previously completed.   **Transfer credits must match courses in the program.

To meet individual needs, CED counselors will make appropriate substitutions of individual courses for those appearing in the above degree programs. A common example is the substitution of LOGO for PILOT for elementary teachers and Pascal for PILOT for secondary math/science teachers.

COLLEGE AND UNIVERSITY EDUCATORS:

CERTIFICATE (18 semester hrs.) OFFERED in HIGHER EDUCATION; ADULT EDUCATION; OR VOCATIONAL, TECHNICAL, AND OCCUPATIONAL EDUCATION (VTO)

CHE - 3 credits	CED 600
CHE - 3 "	CED 610
CHE - 3 "	CED 617
CHE - 3 "	CED 721
plus two courses for 6 credits in Higher Education	

M.S. or Ed.S. in HIGHER ED ADULT EDUCATION OR VTO

CHE I	- 9 credits
CHE II	- 6 "
CHE III	- 6 "
Higher Ed.	- 9 "
Practicum	- 6 "

HIGHER EDUCATION COMPUTER MODULES

CHE I	CHE II	CHE III
CED 600 Teaching Computer Literacy	CHE 725 Programming Microcomputers	CHE 721 Administrative Applications of
CED 610 Authoring Tools and Graphics	CHE 735 Advanced Programming	Microcomputers
CED 617 Software Search and Evaluation	of Microcomputers in BASIC	CHE 750 Independent Study

BUSINESS Business, Public Administration and VTO: GMP 5901 or 5902 is a prerequisite.

Core courses

Seminar in Programming	0 credits	GMP 5908 Authoring Tools and Graphics	3 "
GMP 5905 Computer Applications in Business	3 "	GMP 5909 Communicating with Microcomputers	3 "
GMP 5903 Software Search and Evaluation	3 "	Business, Public Administration and VTO	9 "
GMP 5904 Advanced Programming of Microcomputers	3 "	Practicum	6 "
GMP 5907 Independent Study of Selected Topics in Microcomputing	3 "		