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CURRICULUM SUBCOMMITTEE AGENDA
5 February 2015

A meeting of the Curriculum Subcommittee of the Educational Policies Committee will be held on 5 February, 2015 at 2 p.m. in Old Main 136 (Champ Hall Conference Room).

Approval of the minutes of the 8 January 2015 meeting. (see attached)

College of Agriculture and Applied Sciences

Animal, Dairy and Veterinary Sciences

Course	Cr.	Title	Type	Details	Offered	Effective
ADVS 2200	4	Anatomy and Physiology of Animals	Prerequisite Change	BIOL 1620 (BIOL 1620 has been a prereq for ADVS 2200 for several years, but it has not been officially listed in the catalog. Students are more successful in ADVS 2200 if they take BIOL 1620 as a prereq)	Spring	Spring 2016
ADVS 4210	2	Applied Reproduction and Artificial Insemination	Prerequisite Change	ADVS 4200 (Students need to know the fundamental course material that is taught in ADVS 4200 in order to be successful)	Spring	Spring 2016
ADVS 6850	3	Seminar in Veterinary Pathology and Histopathology	New Course	The goal of this course is to develop general veterinary pathology knowledge, basic knowledge of veterinary clinical pathology, and to advance gross pathology and histopathology interpretive skills. It consists of biweekly, 1-hour long microscopic slides and medical literature reviews covering a wide variety of diseases in domestic and on-domestic animals. This course is intended for advanced graduate students and veterinary pathology residents.	Fall	Fall 2015
			Pass/Fail	Pass/Fail Only		

School of Applied Sciences, Technology and Education

Course	Cr.	Title	Type	Details	Offered	Effective
ASTE 4100	3	Agricultural Structures and Environment	Prerequisite Change	MATH 1050	Spring	Fall 2016
BUSN 1111	3	Survey of Accounting	Course No Change	Was ACTG 1111, eliminating the ACTG prefix.	Fall, Spring	Spring 2016
BUSN 2010	4	Financial Accounting	Course No Change	Was ACTG 2010, eliminating the ACTG prefix.	Fall, Spring	Spring 2016
BUSN 2020	4	Managerial Accounting	Course No Change	Was ACTG 2020, eliminating the ACTG prefix.	Fall, Spring	Spring 2016
BUSN 2151	2	Income Tax Preparation	Course No Change	Was ACTG 2151, eliminating the ACTG prefix.	Spring	Spring 2016
BUSN 2800	2	Computerized Accounting	Course No Change	Was ACTG 2800, eliminating the ACTG prefix.	Spring	Spring 2016

Caine College of the Arts						
Art and Design						
Course	Cr.	Title	Type	Details	Offered	Effective
ART 1110	3	Drawing I (Art Majors Only)	Delete Course	We are eliminating "majors only" sections and putting department restrictions on all six foundations courses in order to offer a sufficient number of sections to allow any student who is in the Art Department to register for these courses. This will help alleviate problems our students have in getting into these bottleneck courses.	N/A	Fall 2015
ART 1150	3	Two-Dimensional Design (Art Majors Only)	Delete Course	We are eliminating "majors only" sections and putting department restrictions on all six foundations courses in order to offer a sufficient number of sections to allow any student who is in the Art Department to register for these courses. This will help alleviate problems our students have in getting into these bottleneck courses.	N/A	Fall 2015
ART 1160	3	Three-Dimensional Design (Art Majors Only)	Delete Course	We are eliminating "majors only" sections and putting department restrictions on all six foundations courses in order to offer a sufficient number of sections to allow any student who is in the Art Department to register for these courses. This will help alleviate problems our students have in getting into these bottleneck courses.	N/A	Fall 2015
ART 3260	3	Introduction to Book Arts	New Course	Investigation into the basic processes and techniques employed in creating hand-bound books. Includes exploring traditional and contemporary book forms and binding techniques, relating concept, form, and context; incorporating image and text.	Spring	Spring 2016
			Restriction	Art BS, Art BA, or Art BFA only		
			Prerequisites	ART 1020 or 1110, 1120 or 1150, 1130 or 1160 & 2230		
ART 3350	3	Drawing for Illustration	Inactivate Course	The department eliminated the illustration emphasis several years ago but want to reactivate this course so it can be taught in the future.	n/a	Fall 2015
ART 3610	3	Intermediate Sculpture	Restriction	Art BS, Art BA, or Art BFA only	Spring	Spring 2016
ART 3650	3	Intermediate Ceramics: Handbuilding	Restriction	Art BS, Art BA, or Art BFA only	Fall	Spring 2016

			Repeatable	Repeatable for additional credit		
ART 3660	3	Intermediate Ceramics: Throwing on the Potter's Wheel	Restriction	Art BS, Art BA, or Art BFA only	Spring	Spring 2016
			Repeatable	Repeatable for additional credit		
ART 3710	1	Fine Art Seminar	Restriction	Art BS, Art BA, or Art BFA only	Fall, Spring	Spring 2016
ART 3810	3	Photography II	Restriction	Art BS, Art BA, or Art BFA only	Spring	Spring 2016
ART 4200	3-6	Advanced Drawing and Painting Studio	Restriction	Art BS, Art BA, or Art BFA only	Fall, Spring, Summer	Spring 2016
ART 4210	3	Figure Painting	Restriction	Art BS, Art BA, or Art BFA only	Spring	Spring 2016
ART 4250	1-6	Advanced Printmaking Studio	Restriction	BFA Printmaking Only	Fall, Spring	Spring 2016
			Prerequisites	One of the following: ART 3220, ART 3230, ART 3240, or ART 3250		
			Credit Hour Change			
			Repeatable	Repeatable for additional credit		
ART 4260	3	Life Drawing	Prerequisites	ART 2110	Fall	Spring 2016
			Restriction	Art BS, Art BA, or Art BFA only		
ART 4270	3	Special Topics; Drawing and Painting	Restriction	Art BS, Art BA, or Art BFA only	Fall, Spring, Summer	Spring 2016
ART 4370	3	Illustration Studio	Inactivate Course	The dept. eliminated the illustration emphasis several years ago but may want to reactivate this course so it can be taught in the future.	n/a	Fall 2015
ART 4410	3	Graphic Interface Design I	Remove Repeatable	This course may now only be taken by students once, it is no longer repeatable for credit.	Fall	Fall 2015
ART 4430	3	Graphic Interface Design II	Remove Repeatable	This course may now only be taken by students once, it is no longer repeatable for credit.	Spring	Fall 2015
ART 4480	3	Special Topics in Art and Design	Restriction	Art BS, Art BA, or Art BFA only	Fall, Spring, Summer	Spring 2016
ART 4610	3	Sculpture Projects	Restriction	Art BS, Art BA, or Art BFA only	Spring	Spring 2016
			Repeatable	Repeatable for additional credit		
ART 42620	3	Sculpture Seminar	Restriction	Art BS, Art BA, or Art BFA only	Fall	Spring 2016

ART 4630	3	Figure Study for Sculpture	Restriction	Art BS, Art BA, or Art BFA only	Fall	Spring 2016
ART 4640	3	Technology of Ceramic Art	Restriction	Art BS, Art BA, or Art BFA only	Fall, Spring	Spring 2016
			Repeatable	Repeatable for additional credit		
ART 4650	3-6	Advanced Ceramic Studio	Restriction	Art BS, Art BA, or Art BFA only	Fall, Spring	Spring 2016
			Repeatable	Repeatable for additional credit		
ART 4660	1-9	Advanced Sculpture Studio	Restriction	Art BS, Art BA, or Art BFA only	Fall, Spring	Spring 2016
			Repeatable	Repeatable for additional credit		
ART 4810	3	Digital Imaging	Restriction	Art BS, Art BA, or Art BFA only	Fall	Spring 2016
			Repeatable	Repeatable for additional credit		
ART 4825	3	Color Photography	Restriction	BFA Photography Only	Fall	Spring 2016
ART 4835	3	Theory of Photography	Restriction	Art BS, Art BA, or Art BFA only	Spring, Odd Years	Spring 2016
ART 4845	3	The Moving Image and Video Art	Prerequisite	ART 3810 (remove permission of instructor)	Spring	Spring 2016
			Restriction	Art BS, Art BA, or Art BFA only		
ART 4855	3	View Camera and Large Format	Prerequisite	ART 3810	Spring	Spring 2016
			Restriction	Art BS, Art BA, or Art BFA only		
ART 4865	3	Nineteenth Century Photographic Processes	Prerequisite	ART 3810	Fall	Spring 2016
			Restriction	Art BS, Art BA, or Art BFA only		
ART 4875	3	Photographic Studio	Prerequisite	ART 3810	Fall	Spring 2016
			Restriction	Art BS, Art BA, or Art BFA only		
ART 4885	3	Photographic Portfolio	Prerequisite	ART 4875	Spring	Spring 2016
			Restriction	Permission of Academic Advisor		
ART 4900	1-9	Advanced Internship/CO-OP	Restriction	Art BS, Art BA, or Art BFA only	Fall, Spring	Spring 2016
			Repeatable	Repeatable for additional credit		
ART 4920	1-9	Independent Projects	Restriction	Art BS, Art BA, or Art BFA only, Permission of Instructor	Fall, Spring, Summer	Spring 2016
			Repeatable	Repeatable for additional credit		

Course	Cr.	Title	Type	Details	Offered	Effective
ART 4930	3	Student Teaching at University Level	Restriction	Art BS, Art BA, or Art BFA only	Fall, Spring, Summer	Spring 2016

Music

Course	Cr.	Title	Type	Details	Offered	Effective
MUSC 1110	3	Music Theory I (BCA)	Prerequisite Change	MUSC 1105 or Instructor Approval	Spring (remove Fall)	Spring 2016
MUSC 1130	1	Aural Skills I	Prerequisite Change	MUSC 1105 or Instructor Approval	Spring (remove Fall)	Spring 2016
MUSC 1500	1	String Techniques	Title Change	There is no String Techniques II course currently offered, so String Techniques I title needs to be updated.	Fall, Spring	Spring 2016
			Course Description Change	Designed to give non-string music education majors a basic playing experience and theoretical understanding of the string instruments.		
			Restriction	Pre-major Music and Music Majors only.		
MUSC 2140	1	Aural Skills IV	Inactivate Course	Course no longer offered or required for any BM emphases.	n/a	Fall 2015
MUSC 2180	1	Computer Applications in Music	Credit Hour Change	Students come in with more content than they did previously so 1 credit satisfies the need.	Fall, Spring	Fall 2015
MUSC 2720	1	Marching Band	Credit Hour Change	Reducing the number of credits will encourage the wider student population to consider joining the Marching Band. MUED degree and degree road map need to reflect credit hour change.	Fall	Fall 2015
MUSC 3030	3	Rock and Roll- Catalyst for Social Change	Description Change	A study of the cultural, economic, social and political impact of rock and other popular music on social groups and movements around the world. Students will be challenged to consider how various types of music influence their own cultural perspectives.	Fall, Spring, Summer	Spring 2016
			Prerequisite Change	Completion of CL and BSS requirements		
			Info Item	Being submitted to Gen Ed for DSS designation		
MUSC 3780	1	Flute Ensemble	Course Description Change	Students play all members of the flute family to gain knowledge about flute ensemble repertoire, rehearsal techniques, and chamber music performance skills. No audition required, but students will be assigned to one hour rehearsal time based on playing ability.	Fall, Spring	Spring 2016
			Prerequisite Change	Remove MUSC 3780		

Course	Cr.	Title	Type	Details	Offered	Effective
			Restriction	Instructor Approval		
MUSC 4330	3	Clinical and Professional Issues in Music Therapy	Prerequisite Change	MUSC 4310	Spring	Spring 2016
			Restriction	Music Therapy Majors only		
MUSC 4920	1-2	Individual Recital	Restriction	Permission of Instructor	Fall, Spring, Summer	Spring 2016
			Credit Hour Change	Credit change reflects current requirements for music majors.		
			Repeatable	Repeatable for additional credit.		

Theatre Arts

Course	Cr.	Title	Type	Details	Offered	Effective
THEA 1513	3	Stagecraft (BCA)	Restriction	Theatre Major and Minors, or permission of department.	Fall, Spring	Spring 2016
THEA 1713	3	Playscript Analysis (BHU)	Restriction	Theatre Major and Minors, or permission of department.	Fall, Spring	Spring 2016
THEA 3380	3	Drama Across the Curriculum, Grades K-12	Restriction	Admission to one of the Theatre Education concentrations, or Admission to STEP or ELED program, sophomore level or above, or permission of department.	Spring	Spring 2016
THEA 4330	3	Methods of Teaching Drama, Grades K-6	Restriction	Admission to one of the Theatre Education concentrations, or Admission to STEP or ELED program, sophomore level or above, or permission of department.	Fall	Spring 2016
THEA 4340	3	Methods of Teaching Theatre, Grades 7-12	Restriction	Admission to one of the Theatre Education concentrations, or Admission to STEP or ELED program, sophomore level or above, or permission of department.	Spring	Spring 2016
THEA 5960	2-3	Special Topics in Theatre Production	Credit Hour Change	The new join film concentration with SLCC requires 3 credits for some of its special topics courses. This change in credit hours allows for flexibility based on the program of study requirements and the special topics course being offered.	Fall, Spring	Fall 2015

Jon M. Huntsman School of Business

no business

Emma Eccles Jones College of Education and Human Services

Health, Physical Education and Recreation

Course	Cr.	Title	Type	Details	Offered	Effective
PEP 7940	1-2	Journal Reading Group	New Course	Seminar discussion of recent empirical and theoretical journal articles in pathokinesiology aspects of biomechanics, motor rehabilitation and sensory motor behavior. Pass/Fail Only	Fall, Spring, Summer	Summer 2015

Instructional Technology and Learning Sciences

Course	Cr.	Title	Type	Details	Offered	Effective
ITLS 5230/ 6230	3	Instructional Graphics Production I	Course Description Change	Fundamental practices of using the computer to design and produce a wide variety of instructional graphics. To receive graduate-level credit, students must fulfill additional requirements.	Fall	Summer 2015
ITLS 5290/ 6290	3	Multimedia Production for Instruction and Training	Course Description Change	A guided independent study (capstone) culminating in a project featured in a portfolio. Students will develop a project of their own choosing, exploring advanced topics from prior work and/or learning emerging or new technologies. Project management and interface design covered.	Fall, Spring, Summer	Summer 2015
			Grade Mode Change	Pass/Fail Only		

Special Education and Rehabilitation

Course	Cr.	Title	Type	Details	Offered	Effective
SPED 6780	3	Ethics & Professional Behavior in Behavior Analysis	New Course	The purpose of this course is to provide students with instruction and practice in the areas of ethics and professional behavior in the field of behavior analysis.	Summer, Taught Odd Years	Summer 2015
SPED 7500	1-3	Leadership Education in Disabilities	Title Change	The title better describes the course	Fall, Spring	Summer 2015

School of Teacher Education and Leadership

Course	Cr.	Title	Type	Details	Offered	Effective
ELED 4061	3	Teaching Elementary School Mathematics I: Rational Numbers, Operations, and Proportional Reasoning	New Course	Development of pedagogical content knowledge in rational number, operations, and proportional reasoning for teaching grades preschool through grade 6. Understanding characteristics of instruction, assessment, and intervention will be considered critically.	Fall, Spring	Fall 2015
			Prerequisites	Math 1050 and MATH 2010 or MATH 2020		
TEAL 4710	?	Language and Cultural Diversity in Education	Remove Restriction	Remove: Admission to Teacher Education	?	Fall 2015

Course	Cr.	Title	Type	Details	Offered	Effective
TEAL 6850	3	Introduction to Leadership in Student Affairs/Higher Education	New Course	This course provides an introduction to leadership roles in higher education and student affairs agencies and environments.	Fall, Spring, Summer	Fall 2015
TEAL 6860	3	Legal and Policy Issues in Higher Education	New Course	This course introduces students to legal and policy issues in higher education and student affairs.	Fall	Fall 2015
TEAL 6880	3	Internship in Higher Education/Student Affairs	New Course	This course provides an internship experience in higher education and student affairs agencies and environments.	Fall, Spring, Summer	Fall 2015

College of Engineering

Biological Engineering

Course	Cr.	Title	Type	Details	Offered	Effective
BENG 3500	3	Fluid Mechanics in Biological Engineering	New Course	Biological Engineering Fluid Mechanics covers fundamental fluid dynamics with applications in bioreactors, microfluidics, cardiovascular flow, and non-Newtonian fluids. Prerequisites: BENG 2400 or MAE 2300 and MATH 2250 or MATH 2270 & MATH 2280. Restriction: Admission to Professional Program.	Fall	Fall 2015

Civil and Environmental Engineering

Course	Cr.	Title	Type	Details	Offered	Effective
CEE 3160	3	Civil Engineering Materials	New Course	This course introduces the concepts, techniques, and devices used to measure engineering properties of various civil engineering materials. There is an emphasis on load-deformation characteristics and failure modes of both natural and fabricated materials. The required weekly laboratory includes experiments focusing on data collection, data analysis, interpretation and presentation of results. Prerequisite or Corequisite: ENGR 2140 Restriction: Admission to the Professional Program.	Fall	Fall 2015
CEE 3880	1	Civil and Environmental Design I	Title Change	The Environmental Engineers no longer take their own design sequence and take it with the civil students in one combined class. The new title more accurately reflects the current class.	Spring	Fall 2015

Course	Cr.	Title	Type	Details	Offered	Effective
CEE 4870	2	Civil and Environmental Design II	Title Change	The Environmental Engineers no longer take their own design sequence and take it with the civil students in one combined class. The new title more accurately reflects the current class.	Fall	Fall 2015
CEE 4880	2	Civil and Environmental Design III	Title Change	The Environmental Engineers no longer take their own design sequence and take it with the civil students in one combined class. The new title more accurately reflects the current class.	Spring	Fall 2015

Computer Science

Course	Cr.	Title	Type	Details	Offered	Effective
CS 4320	3	Information Storage and Retrieval	New Course	Introduces theory, design, and implementation of text-based and Web-based information retrieval systems. Students learn components and operation of search engines providing search services. Components include web crawlers, indexers, link-based ranking algorithms, and recommender systems. Project required. Restriction: 2.0 GPA; grade of C- or better in CS 2420.	Spring	Summer 2015

College of Humanities and Social Sciences

History

Course	Cr.	Title	Type	Details	Offered	Effective
HIST 1500	3	Pre-Modern World (BHU)	Title Change	Changing the title to align with HIST 1510. This title will make more sense to students and with changes in faculty will better reflect the course material taught. OLD TITLE: Cultural and Economic Exchange in the Pre-Nineteenth Century World (BHU)	Fall, Spring	Fall 2015
HIST 4822	3	Vietnam War	Course Description Change	This course examines the Vietnam War from multiple perspectives: American and Vietnamese experiences, policies, casualties, popular culture, and enduring legacies. It places the conflict within a global and historical context.	Taught Alternate Years	Fall 2015

Language, Philosophy and Communication Studies

Course	Cr.	Title	Type	Details	Offered	Effective
IELI 1900	1-3	Intermediate Topics in ESL and U.S. Culture	New Course	English as a Second Language study on specific topics or themes. Selected intermediate level language activities will be assigned to allow students to explore aspects of U.S. culture. This course is NOT part of the IELI core curriculum.	Summer	Summer 2015
			P/F	Pass/Fail Only		

Course	Cr.	Title	Type	Details	Offered	Effective
			Repeatable	Repeatable for additional credit.		
IELI 2900	1-3	Advanced Topics in ESL and U.S. Culture	New Course	English as a Second Language study on specific topics or themes. Selected advanced level language activities will be assigned to allow students to explore aspects of U.S. culture. This course is NOT part of the IELI core curriculum.	Summer	Summer 2015
			P/F	Pass/Fail Only		
			Repeatable	Repeatable for additional credit.		
SPAN 3550	3	Spanish Culture & Civilization (DHA)	Prerequisite Change	SPAN 2020 or demonstration of equivalent proficiency through testing.	Fall, Spring	Summer 2015

Political Science

Course	Cr.	Title	Type	Details	Offered	Effective
POLS 5770	3	Strategic Culture	Course Number Change	The course number is being changed to fit within the new graduate curriculum and provide clarity to students to prevent simultaneous interaction in the classroom while registering for two separate classes.	Spring, Taught Alternate Years	Spring 2016
			Discontinue Multi-List	Was POLS 4770/6770. Change both courses to 5770.		
			Prerequisite Change	POLS 2100 or 2200		

Sociology, Social Work and Anthropology

Course	Cr.	Title	Type	Details	Offered	Effective
SOC 3120	3	Social Statistics I	Prerequisite Change	Six credits in department and one of following with C- or better: MATH 1030, 1050, 1060, 1100, 1210, 1220; STAT 1040, 1045, 2000, 2300.	Fall, Spring, Summer	Fall 2015

S. J. and Jessie E. Quinney College of Natural Resources

Wildland Resources

Course	Cr.	Title	Type	Details	Offered	Effective
WILD 5700	3	Forest Assessment and Management	Course Description Change	Detailed analysis of forest stand structure and growth. Development of silvicultural prescriptions to meet specific objectives. Analysis of costs and benefits of alternative forest management strategies. Emphasizes forest management to achieve a broad range of objectives.	Spring	Fall 2015
			Restriction	WILD majors or instructor permission.		

College of Science

no business

Other Business

Request from the Department of Instructional Technology and Learning Sciences to rename the Master of Education degree to the Master of Education in Educational Technology and Learning Sciences. (see attached)

Request from the Department of Instructional Technology and Learning Sciences to discontinue all specializations affiliated with both the Education Specialist and Master of Science degree programs. (see attached)

Request from the School of Teacher Education and Leadership to approve a specialization in Higher Education/Student Affairs within the existing Master of Education degree. (see attached)

Request from the Department of Plants, Soils, and Climate to offer a Landscape Management Certificate. (see attached)

Request from the School of Applied Sciences, Technology and Education to offer a Bachelor of Science degree in Outdoor Product Design and Development degree. (see attached)

Curriculum Committee deadlines and submissions.

Language to define Prerequisite(s) vs. Restriction(s)
Prerequisite(s): A course or courses which must be successfully completed prior to registration. The purpose for prerequisites is to adequately prepare students for the best chance at success in the more advanced course.

Restriction(s): A statement of specific (and enforceable) restriction into a given course. Examples include: restricted to a specific program; permission of instruction required; and advanced standing require. The primary purpose of restrictions is enrollment management although certain restrictions (such as advanced standing) may be used to ensure students are adequately mature or prepared for the course material.

CURRICULUM SUBCOMMITTEE MINUTES
8 January 2015

A meeting of the Curriculum Subcommittee of the Educational Policies Committee was held on 8 January 2015 at 2 p.m. in Old Main 136 (Champ Hall Conference Room).

Present: Larry Smith, Chair, EPC
        Ed Reeve, Chair, College of Agriculture and Applied Sciences
        Nicholas Morrison, Caine College of the Arts
        Roland Squire, Registrar's Office
        Michele Hillard, Secretary
        Frank Caliendo, Jon M. Huntsman School of Business
        Steve Beck, Graduate Council
        Kacy Lundstrom, Libraries
        Mike Lyons, College of Humanities and Social Sciences
        Karen Mock, S.J. & Jessie E. Quinney College of Natural Resources
        Richard Mueller, College of Science
        Scott Hunsaker, Emma Eccles Jones College of Education and Human Services
        Dean Adams, College of Engineering
        Betty Hassell, USU-Eastern
        Heidi Kesler, Curriculum Retention
        Norm Jones, General Education Subcommittee Chair

Absent: Derek Hastings, Graduate Studies Senator
        Scott Bates, Chair, Academic Standards
        Nathan Straight, Regional Campuses
        Matt Ditto, USUSA

Visitor: Debra Spielmaker, Extension Associate Professor, Applied Sciences, Technology and Edcuation
        Dawn Kirby, Associate Dean, College of Humanities and Social Sciences

Approval of the minutes of the 4 December 2014 meeting. (see below)
Mike Lyons moved to approve the minutes of the 4 December 2014 meeting. Dean Adams seconded; motion approved.

Caine College of the Arts

Nicholas Morrison moved to approve the business of the Caine College of the Arts. Scott Hunsaker seconded.

Norm Jones made a motion to remove the prerequisite wording from the THEA 1513 & 1713 courses and return them to the General Education subcommittee for further review of wording. Dean Adams seconded the motion. Returned to General Education Subcommittee.

Department of Theatre Arts

Course	Cr.	Title	Type	Details	Offered	Effective
THEA 1223	2	Stage Makeup	Prerequisite Change	Prerequisites: Theatre Majors and Minors or permission of department.	Fall, Spring	Spring 2016
THEA 1513	3	Stagecraft (BCA)	Prerequisite Change	Prerequisites: Theatre Majors and Minors or permission of department.	Fall, Spring	Spring 2016

THEA 1713	3	Playscript Analysis (BHU)	Prerequisite Change	Prerequisites: Theatre Majors and Minors or permission of department.	Fall, Spring	Spring 2016
THEA 2010	3	Acting IV: Shakespeare	Prerequisite Change	Prerequisites: Theatre Majors and Minors or permission of department.	Spring	Spring 2016
THEA 2203	3	Costume Construction and Technology	Prerequisite Change	Prerequisites: Theatre Majors and Minors or permission of department.	Fall, Spring	Spring 2016
THEA 2500	3	Drafting for Theatre I	Prerequisite Change	Prerequisites: Theatre Majors and Minors or permission of department.	Fall	Spring 2016
			Title Change	Title change better reflects the progression of coursework with the addition of a second drafting course.		
THEA 2510	3	Scene Painting	Prerequisite Change	Prerequisites: Theatre Majors and Minors and THEA 1513 or permission of department.	Fall	Spring 2016
THEA 2530	3	Theatre and Studio Sound	Prerequisite Change	Remove prerequisites	Spring	Spring 2016
THEA 2610	3	Fundamentals of Directing for the Stage	New Course	This course is designed to acquaint students with fundamental theories and practices of directing for the stage. Prerequisites: THEA 1033 and THEA 1713.	Spring	Spring 2016

THEA 3500	3	Drafting for Theatre II	New Course	Study and application of traditional and digital drafting techniques for scenic design and technical production; employing traditional drafting techniques and AutoCAD to create technical and design drawings for theatre. Prerequisites: Theatre Majors and Minors; THEA 1513 and THEA 2500; or permission of department.	Spring	Spring 2016
THEA 3510	3	Scene Design I	Prerequisite Change	Prerequisites: Theatre Majors and Minors; THEA 1513 and THEA 2500; or permission of department.	Spring	Spring 2016
THEA 3520	3	Costume Design I	Prerequisite Change	Prerequisites: Theatre Majors and Minors and THEA 2203; or permission of department.	Spring	Spring 2016
THEA 3540	3	Lighting Design I	Prerequisite Change	Prerequisites: Theatre Majors and Minors; THEA 1513 and THEA 2500; or permission of department	Spring	Spring 2016
THEA 3555	1	Production Projects	Prerequisite Change	Prerequisites: Theatre Majors and Minors or permission of department.	Fall, Spring	Spring 2016
THEA 3560	3	Period Styles/Historic Interiors (DHA)	Prerequisite Change	Prerequisites: Theatre Majors and Minors; THEA 1513, THEA 1713, and THEA 2203; or permission of department.	Spring	Spring 2016
THEA 3570	3	Historic Clothing (DHA)	Prerequisite Change	Prerequisites: Theatre Majors and Minors; THEA 1513, THEA 1713, and THEA 2203; or permission of department.	Fall	Spring 2016
THEA 3580	3	Software for Theatre Production Design	Title Change	Title Change clarifies the content and purpose of the course.	Fall	Fall 2015
THEA 3610	3	Directing I	Prerequisite Change	Prerequisites: Theatre Majors and Minors; THEA 1033 or THEA 1000; THEA 1513, THEA 1713, and THEA 2203; or permission of department.	Fall	Spring 2016
THEA 4555	2	Production Assignments	Prerequisite Change	Prerequisites: Theatre Majors and Minors; THEA 1513, THEA 1713, and THEA 2203; or permission of department.	Fall	Spring 2016
THEA 5010	1	Professional Life: The Business of the Business	Delete Course	This course is not needed for the BFA Acting Program - the material is incorporated into THEA 5910 (Capstone Project)	n/a	Fall 2015
THEA 5420	3	Advanced Acting: Period Styles II	Delete Course	This course is not needed for the BFA Acting Program. Curriculum revision eliminated the need for this course.	n/a	Fall 2015

Course	Cr.	Title	Type	Details	Offered	Effective
THEA 5550	3	Rendering and Painting for Theatre Design	Prerequisite Change	Prerequisites: Theatre Majors; THEA 3510 and THEA 3520; or permission of department.	Fall	Spring 2016
THEA 5900	2-3	Special Projects	Prerequisite Change	Prerequisites: Theatre Majors and Minors; THEA 1513, THEA 1713, and THEA 2203; or permission of department.	Fall, Spring	Spring 2016
THEA 5960	2	Special Topics in Theatre Production	Prerequisite Change	Prerequisite: Department permission required.	Fall, Spring	Spring 2016
THEA 6270	3	Performance Theory and Criticism	Delete Course	This course is not required in the MFA design program	n/a	Fall 2015

College of Agriculture and Applied Sciences

Richard Mueller moved to approve the business of the College of Agriculture and Applied Sciences. Nicholas Morrison seconded.

Motion to amend/clarify what Junior standing means made by Scott Hunsaker. Seconded by Richard Mueller. Business postponed until next month.

School of Applied Sciences, Technology and Education

Course	Cr.	Title	Type	Details	Offered	Effective
ASTE 4100	3	Agricultural Structures and Environment (QI)	Prerequisite Change	Prerequisites: MATH 1050 and a junior in standing.	Spring	Fall 2015

Jon M. Huntsman School of Business

No Business

Emma Eccles Jones College of Education and Human Services

Scott Hunsaker moved to approve the business of the Emma Eccles Jones College of Education and Human Services with the exception to remove the TEAL courses until the R401 proposals are approved. Seconded by Richard Mueller. TEAL courses will be put back on agenda once proposals are approved.

Health, Physical Education and Recreation

Course	Cr.	Title	Type	Details	Offered	Effective
HEP 3900	3	Social Marketing in Health Education	Prerequisite Change	Prerequisites: HEP 3600, enrollment limited to Community Health Education and Public Health Education majors only.	Spring	Spring 2016

Psychology

Course	Cr.	Title	Type	Details	Offered	Effective
PSY 4960	3	Advanced Undergraduate Apprenticeship (CI)	Delete Course	Course is no longer required in the psychology major. Other experiential courses exist in the department for students to earn credit in this area if they so desire. Course has not been offered for several semesters.	n/a	Summer 2015

School of Teacher Education and Leadership

Course	Cr.	Title	Type	Details	Offered	Effective
TEAL 6850	3	Introduction to Leadership in Student Affairs/Higher Education	New Course	This course provides an introduction to leadership roles in higher education and student affairs agencies and environments.	Fall, Spring, Summer	Fall 2015
TEAL 6860	3	Legal and Policy Issues in Higher Education	New Course	This course introduces students to legal and policy issues in higher education and student affairs.	Fall	Fall 2015
TEAL 6880	3	Internship in Higher Education/ Student Affairs	New Course	This course provides an internship experience in higher education and student affairs agencies and environments.	Fall, Spring, Summer	Fall 2015

College of Engineering

Dean Adams moved to approve the business of the College of Engineering. Nicholas Morrison seconded; motion approved.

Computer Science

Course	Cr.	Title	Type	Details	Offered	Effective
CS 1020	1	Campus Computing and Beyond	Delete Course	This class is no longer part of the curriculum and is no longer offered.	n/a	Spring 2015
CS 1050	3	Problem Solving with Computers	Delete Course	This class is no longer part of the curriculum and is no longer offered.	n/a	Spring 2015
CS 1060	3	Cyber Security: Threats, Analysis, and Defense (BPS)	Inactivate Course	This class has not been offered for several semesters	n/a	Spring 2015
CS 2450	3	Introduction to Software Engineering I	Delete Course	This class is no longer part of the curriculum and is no longer offered.	n/a	Spring 2015

Course	Cr.	Title	Type	Details	Offered	Effective
CS 2810	3	Computer Systems Organization and Architecture I	Delete Course	This class is no longer part of the curriculum and is no longer offered.	n/a	Spring 2015
CS 3410	3	Computational Science: JAVA/Internet (DSC/QI)	Delete Course	This class is no longer part of the curriculum and is no longer offered.	n/a	Spring 2015
CS 3420	3	Computational Science: C# and .NET (DSC/QI)	Delete Course	This class is no longer part of the curriculum and is no longer offered.	n/a	Spring 2015
CS 4720	3	Computer Networking	Title Change	The second course in the series has been dropped; therefore, the "I" at the end of the current title should be removed.	Fall, Spring, Summer	Fall 2015
CS 4730	3	Computer Networking II	Delete Course	This class is no longer part of the curriculum and is no longer offered.	n/a	Spring 2015

College of Humanities and Social Sciences

Mike Lyons moved to approve the business of the College of Humanities and Social Sciences.
Nicholas Morrison seconded; motion approved.

History

Course	Cr.	Title	Type	Details	Offered	Effective
RELS 6410	3	Special Topics in Mormon History and Culture	Remove Dual List and Delete Course	Religious Studies does not have a graduate program. Keep HIST 6410 but remove the dual list and then delete RELS 6410.	n/a	Spring 2015
RELS 6420	3	Special Topics in Religious History	Remove Dual List and Delete Course	Religious Studies does not have a graduate program. Keep HIST 6420 but remove the dual list and then delete RELS 6420.	n/a	Spring 2015
RELS 6900	3	Directed Readings	Delete	Religious Studies does not have a graduate program.	n/a	Spring 2015

S. J. and Jessie E. Quinney College of Natural Resources

Richard Mueller moved to approve the business of the S.J. and Jessie E. Quinney College of Natural Resources. Nicholas Morrison seconded; motion approved.

Environment and Society

Course	Cr.	Title	Type	Details	Offered	Effective
ENVS 2000	1	Natural Resources Professional Orientation	Delete Course	This course has been combined with two other departmental orientation courses into a single course administered by the College (NR 2000). This will allow student's exposure to all NR majors and careers. NR 2000 will be taught every semester and started in Fall 2014.	n/a	Spring 2015

Watershed Sciences

Course	Cr.	Title	Type	Details	Offered	Effective
WATS 2000	1	Natural Resources Professional Orientation	Delete Course	This course has been combined with two other departmental orientation courses into a single course administered by the College (NR 2000). This will allow student's exposure to all NR majors and careers. NR 2000 will be taught every semester and started in Fall 2014.	n/a	Spring 2015

Wildland Resources

Course	Cr.	Title	Type	Details	Offered	Effective
WILD 2000	1	Natural Resources Professional Orientation	Delete Course	This course has been combined with two other departmental orientation courses into a single course administered by the College (NR 2000). This will allow student's exposure to all NR majors and careers. NR 2000 will be taught every semester and started in Fall 2014.	n/a	Spring 2015
WILD 4560	1	Forest Ecology of the Sierra Nevada and White Mountains	Delete Course	This course is now offered to undergraduate and graduate students as WILD 4570/6570. The course number on the undergraduate version was changed to allow logical correspondence between the graduate and undergraduate course numbers.	n/a	Spring 2015

College of Science

Richard Mueller moved to approve the business of the College of Science. Dean Adams seconded; motion approved.

Mathematics and Statistics

Course	Cr.	Title	Type	Details	Offered	Effective
Math 2010	3	Algebra/ Numeration for EIEd Teach	New Course Designation Request for QI	New Course with Quantitative Intensive (QI) designation	Fall, Spring	Fall 2015
Math 2020	3	Geometry & Stat for EIEd Teach	Title Change Course Description Change Designation Request for QI	Prospective teachers need to understand the fundamental principles that underlie school mathematics, so that they can teach it to diverse groups of students as a coherent, reasoned activity and communication.	Fall, Spring	Fall 2015

Other Business

Request from the School of Applied Sciences, Technology and Education to restructure the Agricultural Systems Technology MS degree. (see below)
Motion to approve the proposal made by Norm Jones. Seconded by Dean Adams. Motion approved.

Request from the Department of Engineering Education to discontinues the Associates of Pre-Engineering (APE) degree at the Regional and USU Eastern campuses. (see below)
Motion to approve the proposal made by Dean Adams. Seconded by Norm Jones. Motion approved.

Adjourned: 2:47 pm

Cover/Signature Page - Abbreviated Template/Abbreviated Template with Curriculum

Institution Submitting Request: Utah State University
Proposed Title: MEd in Educational Technology & Learning Sciences
Currently Approved Title: MEd in Instructional Technology
School or Division or Location: College of Education
Department(s) or Area(s) Location: Instructional Technology & Learning Sciences
Recommended Classification of Instructional Programs (CIP) Code[1] (for new programs): 00.0000
Current Classification of Instructional Programs (CIP) Code (for existing programs): 13.0501
Proposed Beginning Date (for new programs): upon approval
Institutional Board of Trustees' Approval Date:

Proposal Type (check all that apply):

SECTION NO.		ITEM
Regents' General Consent Calendar Items
R401-5 OCHE Review and Recommendation; Approval on General Consent Calendar
5.1.1	☐	Minor*
5.1.2	☐	Emphasis*
5.2.1	☐	(CER P) Certificate of Proficiency*
5.2.3	☐	(GCR) Graduate Certificate*
5.4.1	☐	New Administrative Unit
	☐	Administrative Unit Transfer
	☐	Administrative Unit Restructure
	☐	Administrative Unit Consolidation
5.4.2	☐	Conditional Three-Year Approval for New Centers, Institutes, or Bureaus
5.4.3	☐	New Center
	☐	New Institute
	☐	New Bureau
5.5.1	☐	Out-of-Service Area Delivery of Programs
5.5.2	☐	Program Transfer
	☐	Program Restructure
	☐	Program Consolidation
5.5.3	X	Name Change of Existing Programs
5.5.4	X	Program Discontinuation
	☐	Program Suspension
5.5.5	☐	Reinstatement of Previously Suspended Program
	☐	Reinstatement of Previously Suspended Administrative Unit

Requires "Section V: Program Curriculum" of Abbreviated Template

Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

_____

Signature   Date:

Printed Name: Name of CAO or Designee

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[1] CIP codes must be recommended by the submitting institution. For CIP code classifications, please see http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55.

Program Request - Abbreviated Template
Utah State University
MEd in Instructional Technology
11/14/14

Section I: Request

The Department of Instructional Technology & Learning Sciences (ITLS) at Utah State University requests approval to rename the Master of Education degree (MEd in Instructional Technology) to reflect the degree's focus, content, and curriculum. The proposed degree name is **Master of Education in Educational Technology & Learning Sciences**.

In conjunction with the name change, the ITLS department requests to discontinue both the Educational Technology specialization and the Interactive Learning Technologies specialization that are affiliated with the ITLS Master of Education degree.

This request is not for a new program or department.

Section II: Need

We wish to rename the degree to better reflect the focus and label it with traditional language. In particular, the curriculum is oriented toward K-12 teachers. The education field traditionally labels that as educational rather than instructional technology. Additionally, the learning sciences content has now been included in the curriculum. The degree now focuses on how teachers can effectively integrate design principles, implement learning innovations, and incorporate technology into their teaching.

With the proposed name change, there is no need for the Educational Technology specialization. Students who are in the Educational Technology specialization will move to the main degree without a specialization. The Interactive Learning Technologies specialization has had no students enrolled since 2004, so no additional accommodations are necessary to close that option.

Section III: Institutional Impact

Enrollments: The proposed restructuring will not affect current enrollments in the department's program.
Facilities: No new physical facilities or equipment will be required.
Faculty: The number of faculty and professional staff will not change.

Section IV: Finances

Costs Anticipated: No additional costs are anticipated.

Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: Education

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Instructional Technology & Learning Sciences

Program/Administrative Unit Title: Instructional Technology & Learning Sciences (ITLS)

Recommended Classification of Instructional Programs (CIP) Code: 13.0501

Certificate, and/or Degree(s) to Be Awarded: MEd in Instructional Technology & Learning Sciences

Proposed Beginning Date: upon approval

Institutional Signatures (as appropriate):

_____
Mimi Recker, Department Head
Instructional Technology & Learning Sciences

_____
Beth Foley, Dean
College of Education

_____
Mark R. McLellan, V.P. for Research
and Dean of the School of Graduate Studies

Date*:*

Cover/Signature Page - Abbreviated Template/Abbreviated Template with Curriculum

Institution Submitting Request: Utah State University
Proposed Title: EdS in Instructional Technology & MS in Instructional Technology & Learning Sciences
Currently Approved Title: EdS in Instructional Technology & MS in Instructional Technology & Learning Sciences
School or Division or Location: College of Education
Department(s) or Area(s) Location: Instructional Technology & Learning Sciences
Recommended Classification of Instructional Programs (CIP) Code[1] (for new programs): 00.0000
Current Classification of Instructional Programs (CIP) Code (for existing programs): 13.0501
Proposed Beginning Date (for new programs): upon approval
Institutional Board of Trustees' Approval Date:

Proposal Type (check all that apply):

Regents' General Consent Calendar Items		
R401-5 OCHE Review and Recommendation; Approval on General Consent Calendar		
SECTION NO.		**ITEM**
5.1.1	☐	Minor*
5.1.2	☐	Emphasis*
5.2.1	☐	(CER P) Certificate of Proficiency*
5.2.3	☐	(GCR) Graduate Certificate*
5.4.1	☐	New Administrative Unit
	☐	Administrative Unit Transfer
	☐	Administrative Unit Restructure
	☐	Administrative Unit Consolidation
5.4.2	☐	Conditional Three-Year Approval for New Centers, Institutes, or Bureaus
5.4.3	☐	New Center
	☐	New Institute
	☐	New Bureau
5.5.1	☐	Out-of-Service Area Delivery of Programs
5.5.2	☐	Program Transfer
	☐	Program Restructure
	☐	Program Consolidation
5.5.3	☐	Name Change of Existing Programs
5.5.4	X	Program Discontinuation
	☐	Program Suspension
5.5.5	☐	Reinstatement of Previously Suspended Program
	☐	Reinstatement of Previously Suspended Administrative Unit

Requires "Section V: Program Curriculum" of Abbreviated Template

Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

_____

Signature   Date:

Printed Name: Name of CAO or Designee

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[1] CIP codes must be recommended by the submitting institution. For CIP code classifications, please see http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55.

Program Request - Abbreviated Template
Utah State University
EdS in Instructional Technology & Learning Sciences
MS in Instructional Technology & Learning Sciences
11/14/14

Section I: Request

The department of Instructional Technology & Learning Sciences (ITLS) at Utah State University requests to discontinue all specializations affiliated with both the Education Specialist (EdS) and Master of Science (MS) degree programs. There are currently two specializations affiliated with both programs, Interactive Learning Technologies and Instructional Development for Training and Education.

Section II: Need

There have been no students enrolled in either specialization since 2004. Instructional Technology, as a field, has evolved and progressed to where the two old specializations are not as relevant as they once were. Additionally, the ITLS department has broadened its scope to include the learning sciences field.

Section III: Institutional Impact

Enrollments: The proposed restructuring will not affect current enrollments in the department's program.
Facilities: No new physical facilities or equipment will be required.
Faculty: The number of faculty and professional staff will not change.

Section IV: Finances

Costs Anticipated: No additional costs are anticipated.

Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: Education

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Instructional Technology & Learning Sciences

Program/Administrative Unit Title: Instructional Technology & Learning Sciences (ITLS)

Recommended Classification of Instructional Programs (CIP) Code: 13.0501

Certificate, and/or Degree(s) to Be Awarded: EdS in Instructional Technology

Proposed Beginning Date: upon approval

Institutional Signatures (as appropriate):

_____
Mimi Recker, Department Head
Instructional Technology & Learning Sciences

_____
Beth Foley, Dean
College of Education

_____
Mark R. McLellan, V.P. for Research
and Dean of the School of Graduate Studies

Date*:*

Cover/Signature Page - Abbreviated Template/Abbreviated Template with Curriculum

Institution Submitting Request: Utah State University
Proposed Title: Master of Education in Instructional Leadership with Specialization in Higher Education/Student Affairs
Currently Approved Title: Master of Education in Instructional Leadership
School or Division or Location: Emma Eccles Jones College of Education and Human Services
Department(s) or Area(s) Location: School of Teacher Education and Leadership
Recommended Classification of Instructional Programs (CIP) Code[1] (for new programs): 13.0406
Current Classification of Instructional Programs (CIP) Code (for existing programs): 00.0000
Proposed Beginning Date (for new programs): 08/20/2015
Institutional Board of Trustees' Approval Date: MM/DD/YEAR

Proposal Type (check all that apply):

Regents' General Consent Calendar Items		
R401-5 OCHE Review and Recommendation; Approval on General Consent Calendar		
SECTION NO.		**ITEM**
5.1.1	☐	Minor*
5.1.2	X	Emphasis*
5.2.1	☐	(CER P) Certificate of Proficiency*
5.2.3	☐	(GCR) Graduate Certificate*
5.4.1	☐	New Administrative Unit
	☐	Administrative Unit Transfer
	☐	Administrative Unit Restructure
	☐	Administrative Unit Consolidation
5.4.2	☐	Conditional Three-Year Approval for New Centers, Institutes, or Bureaus
5.4.3	☐	New Center
	☐	New Institute
	☐	New Bureau
5.5.1	☐	Out-of-Service Area Delivery of Programs
5.5.2	☐	Program Transfer
	☐	Program Restructure
	☐	Program Consolidation
5.5.3	☐	Name Change of Existing Programs
5.5.4	☐	Program Discontinuation
	☐	Program Suspension
5.5.5	☐	Reinstatement of Previously Suspended Program
	☐	Reinstatement of Previously Suspended Administrative Unit

*Requires "Section V: Program Curriculum" of Abbreviated Template

Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

_____

Signature   **Date:** *MM/DD/YEAR*

Printed Name: Name of CAO or Designee

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[1] CIP codes must be recommended by the submitting institution. For CIP code classifications, please see http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55.

Program Request - Abbreviated Template
Utah State University
Master of Education in Instructional Leadership – Specialization in Higher Education/Student Affairs
11/6/2014

Section I: Request

The School of Teacher Education and Leadership in the Emma Eccles Jones College of Education and Human Services at Utah State University requests approval for a specialization in Higher Education/Student Affairs within the existing Master of Education degree in Instructional Leadership.

Section II: Need

This request is for a new specialization that would provide an appropriate degree for those pursuing leadership positions in higher education and student affairs, but not desiring administrative licensure through the Utah State Board of Education (USBE). While the University of Utah has a similar program, it is confined to students on the university campus. This new program would be provided using distance education delivery to provide opportunities for students throughout the state of Utah and surrounding regions. Southern Utah University also has a similar program that serves the southern Utah region.

The currently existing (old) Master of Education program in Instructional Leadership is focused on preparing students for licensure by the Utah State Board of Education within the Administrative Supervisory area of concentration. This new specialization will better serve students desiring a degree in leadership in education, but not seeking licensure through the USBE, such as college and university staff in the area of student affairs and student services. It will also prepare students for leadership positions in other higher education agencies and offices.

Section III: Institutional Impact

We have experienced regular and consistent requests for a leadership-oriented graduate program in education that is not designed for administrative licensure through the USBE. The program will be administered and taught by existing instructional leadership faculty, with current qualified university administrators in student affairs filling adjunct teaching and advising roles. Modest adjustments in teaching assignments will be required, but no new positions are requested. There will be no need for additional facilities or equipment.

Section IV: Finances

Funding for the development and offering of proposed new courses and any additional sections of existing courses will be provided through the USU Regional Campus System with funds generated through tuition and fees. No additional cost to existing units is anticipated.

Three additional courses will be developed (two requiring financial support) for the degree with a total estimated cost of $24,500. This cost will be funded by Academic and Instructional Services (AIS), with an expected recovery of the development cost from student tuition and fees in the first 2-year cycle. Please see below for the estimated cost and recovery projection.

Required Course Development:

	Intro to Leadership in St Affairs	$12,250.00
	Legal and Policy Issues in Higher Education	$12,250.00
Total Development Funds:		$24,500.00

Estimated 2 Year Tuition & Fees:

		$123,475.8
	Tuition & Fees (10 Students @ 36 Credits)*	0
	Less USU Administration (1.5% of Tuition Only)*	-$1,598.41
	Less Instructional Transfers ($200 per SCH)*	$73,800.00
	Less Regional Campus Charge ($65 per SCH)*	$23,400.00
Total Remaining Tuition & Fees:		$24,677.39

2 Year Residual (Tuition & Fees Less Development Funds):		$177.39

*Based on 10 students taking the full 36 degree credits in the 2-year cycle.

Section V: Program Curriculum

Course Prefix and Number	Title	Credit Hours
Required Courses TEAL 6410 TEAL 6710 TEAL 6150 TEAL 6090 TEAL 6500 TEAL 6190 EDUC 6010		
Sub-Total		21
Suggested Elective Courses TEAL 6050 TEAL 6740 TEAL 7325 TEAL 6560 Other graduate courses as approved		
Sub-Total		6
Specialization Courses **TEAL 6850*** **TEAL 6860*** **TEAL 6880***		
Sub-Total		9
Total Number of Credits		36

*Bold represents new courses

Program Schedule

Fall 2015:   **TEAL 6850 Introduction to Leadership in Student Affairs/Higher Education (3)**
TEAL 6410 Social Foundations of Education (3)

Spring 2016:   EDUC 6010 Introduction to Program Evaluation (3)
TEAL 6090 Theories of Organizational Leadership in Education (3)

Summer 2016: **TEAL 6860 Legal and Policy Issues in Higher Education (3)**
TEAL 6710 Diversity in Education (3)
TEAL 6500 School Finance and Resource Management (3)

Fall 2016:   TEAL 6150 Foundations of Curriculum (3)
Elective Course (3)

Spring 2017:   TEAL 6190 Theories of Learning and Models of Teaching (3)
Elective Course (3)

Summer 2018: **TEAL 6880 Internship in Student Affairs/Higher Education (3)**

Cover/Signature Page - Abbreviated Template/Abbreviated Template with Curriculum

Institution Submitting Request: *Utah State University*
Proposed Title: *Landscape Management Certificate*
School or Division or Location: *College of Agriculture and Applied Sciences*
Department(s) or Area(s) Location: *Plants, Soils, and Climate*
Recommended Classification of Instructional Programs (CIP) Code[1] (for new programs): *01.0605*
Proposed Beginning Date (for new programs): *08/15/2015*
Institutional Board of Trustees' Approval Date: *XX/XX/XXXX*

Proposal Type (check all that apply):

SECTION NO.		ITEM
Regents' General Consent Calendar Items		
R401-5 OCHE Review and Recommendation; Approval on General Consent Calendar		
5.1.1	☐	Minor*
5.1.2	☐	Emphasis*
5.2.1	X	(CER P) Certificate of Proficiency*
5.2.3	☐	(GCR) Graduate Certificate*
5.4.1	☐	New Administrative Unit
	☐	Administrative Unit Transfer
	☐	Administrative Unit Restructure
	☐	Administrative Unit Consolidation
5.4.2	☐	Conditional Three-Year Approval for New Centers, Institutes, or Bureaus
5.4.3	☐	New Center
	☐	New Institute
	☐	New Bureau
5.5.1	☐	Out-of-Service Area Delivery of Programs
5.5.2	☐	Program Transfer
	☐	Program Restructure
	☐	Program Consolidation
5.5.3	☐	Name Change of Existing Programs
5.5.4	☐	Program Discontinuation
	☐	Program Suspension
5.5.5	☐	Reinstatement of Previously Suspended Program
	☐	Reinstatement of Previously Suspended Administrative Unit

Requires "Section V: Program Curriculum" of Abbreviated Template

Chief Academic Officer (or Designee) Signature:

I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

_____

Signature   Date: *MM/DD/YEAR*

Printed Name: *Name of CAO or Designee*

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[1] CIP codes <u>must</u> be recommended by the submitting institution. For CIP code classifications, please see http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55.

Program Request - Abbreviated Template
Utah State University
Landscape Management Certificate
10/15/2014

Section I: Request

Utah State University requests approval to offer a Landscape Management Certificate program effective Fall, 2015. This program has been approved by the institutional Board of Trustees on _____.

Section II: Need

This program is valuable and needed to provide skills for students interested in starting a landscape business or progressing to higher positions in organizations that provide landscape services. This certificate provides a pathway with stackable credentials. The proposed Landscape Management Certificate is an initial certificate that can be completed, then the credits used toward completing the AAS in Ornamental Horticulture and BS degrees in Horticulture or Residential Landscape Design and Construction. The credits can also be used towards the BS in Plant Science, if the student attends the Logan Campus. Each credential provides additional skills and employment opportunities.

The continued urbanization and population growth of Utah make it highly likely that there will continue to be strong labor market demand for graduates in horticulture focused on urban needs. The Utah Department of Workforce Services describes the positions relating to First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers as having a good employment outlook and relatively high wages. The department also describes the field as having faster than average employment growth with a high volume of annual job openings. Business expansion, as opposed to the need for replacements, will provide the majority of job openings in the coming decade. This is likely due to the expectations of 1.6 million new residents in Utah by 2040 and 80% of these located along the Wasatch Front (Utah Legislature Briefing paper, Feb. 2014). As a result, we expect long term trends to be consistent or more likely grow for this degree with the increased demands on urban landscapes.

We estimate student demand for this certificate based on our other related horticulture programs centered at the Salt Lake campus. Over the last five years (FY 2008-2013) the number of graduates through the RCDE program with a Bachelor's degree have been 20, 16, 11, 18, and 15 respectively. We expect enrollment in this certificate program to begin small but grow in demand as students become aware of the program and the industry increases in size due to increased regional population as described above.

While there are landscape management degrees at other state and regional institutions, none offer similar programs to place-bound students along the Wasatch Front. In addition, this program will solidify our collaboration with Salt Lake Community College (SLCC) maximizing our use of resources and expertise at the two public institutions.

This program, being in cooperation with SLCC will offer additional opportunities to students that were not available previously such as the trade courses in plumbing, electrical, and small engine maintenance.

Section III: Institutional Impact

Currently there is one full time faculty member based at the Salt Lake campus. Logan-based faculty from the PSC department travel to teaching sites or broadcast from Logan. Some teaching, advising & program coordination is done by program advisors. All the personnel are currently in place and no changes would be needed to accommodate the new certificate since no new USU courses are being developed. Advising, recruiting, and program coordination done by program advisors and faculty based at the Salt Lake campus and all are currently in place and are able to accommodate additional students. This certificate may increase future enrollments in those AAS and BS degrees because this certificate offers a smaller initial step on the way to towards those degrees, making it easier to recruit students then recruit them into the higher level degrees.

The courses offered by USU will remain the same and are already in place. There is room for growth in student numbers in these courses without adding additional faculty and staff as well as physical facilities. Students have access to Library & Information resources through the Regional Campus.

Section IV: Finances

One full time faculty member & one full time advisor, coordinator, instructor are already in place as well as instructors for the USU courses. Some changes to courses may be made for better RC delivery. These instructors include adjunct and Logan faculty. The funding for these instructors has previously and will continue through the RCDE model. The USU courses are already in place for this program and no reallocations are needed. As a result, there will be no negative budgetary impact on USU. Additional courses are being developed through SLCC as part of this partnership.

Section V: Program Curriculum

All Program Courses (with New Courses in Bold)

Course Prefix and Number	Course Title	Credit Hours
Required Courses SLCC		
Engl 1010	Introduction to Writing	3
LAND 1110	Plumbing	3
LAND 1120	Electrical	3
LAND 1210	Small Engine Repair and Maintenance	5
Required Courses USU		
PSC 1800	Introduction to Horticulture (LS)	3
PSC 2200	Pest Management	3
PSC 2600	Herbaceous Plants	3
PSC 2620	Woody Plant materials	3
PSC 3400	Arboriculture (pre req PSC 2620)	3
OR		
PSC 3810	Turf Management (pre req PSC 1800)	3

Program Schedule ½ time student

Fall SLCC	Spring SLCC	Summer USU
Engl 1010 (3) Intro to Writing LAND 1110 (3) Plumbing 6 credit hours	LAND 1120 (3) Electrical LAND 1210 (5) Small Engine Repair & Maintenance 8 credit hours	PSC 2600 (3) Herbaceous Plants
Fall USU PSC 1800 (3) Introduction to Horticulture PSC 2620 (3) Woody Plant Materials 6 credit hours	**Spring USU** PSC 2200 (3) Pest Management PSC 3400 (3) Arboriculture 6 credit hours	

Program Schedule   full time student: must show proficiency in English prior to starting classes.

Fall SLCC	Spring SLCC	Summer USU
Engl 1010 (3) Intro to Writing LAND 1110 (3) Plumbing **USU** PSC 1800 (3) Introduction to Horticulture PSC 2620 (3) Woody Plant Materials 12 credits	LAND 1120 (3) Electrical LAND 1210 (5) Small Engine Repair & Maintenance (2 nights per week) **USU** PSC 2200 (3) Pest Management 11 credit hours	PSC 2600 (3) Herbaceous Plants 3 credits PSC 2600 could be taken Fall Semester as on line
Fall USU PSC 3810 (3) Turf Management 3 credits		

Cover/Signature Page – Full Template

Institution Submitting Request: Utah State University
Proposed Title: Bachelor of Science Degree in Outdoor Product Design & Development
School or Division or Location: College of Agriculture and Applied Sciences
Department(s) or Area(s) Location: School of Applied Sciences, Technology and Education
Recommended Classification of Instructional Programs (CIP) Code[1] : 19.0902
Proposed Beginning Date: 08/24/2015
Institutional Board of Trustees' Approval Date:

Proposal Type (check all that apply):

SECTION NO.		ITEM
Regents' Agenda Items		
R401-4 and R401-5 Approval by Committee of the Whole		
4.1.1	☐	(AAS) Associate of Applied Science Degree
4.1.2	☐	(AA) Associate of Arts Degree
	☐	(AS) Associate of Science Degree
4.1.3	☐	Specialized Associate Degree
4.1.4	☒	Baccalaureate Degree
4.1.5	☐	K-12 School Personnel Programs
4.1.6	☐	Master's Degree
4.1.7	☐	Doctoral Degree
5.2.2	☐	(CER C) Certificate of Completion
5.2.4	☐	Fast Tracked Certificate

Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

_____

Signature   **Date:**

Printed Name:

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[1] CIP codes must be recommended by the submitting institution. For CIP code classifications, please see http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55.

Program Description

The School of Applied Sciences, Technology and Education (ASTE) at Utah State University (USU) is developing a Outdoor Product Design and Development degree with plans, if approved, to begin fall of 2015. The program will be offered on the Logan campus.

Role and Mission Fit

The proposed Bachelor of Science in Outdoor Product Design and Development will contribute to the Board of Regent's mission "to be one of the nation's premier student-centered land-grant universities". Developed based on student and industry demand, the degree program will provide a rigorous academic experience, cultivate diversity of thought and culture; and serve the public through learning, discovery, and engagement. Overall, the proposed program will enhance the visibility of the university across the nation and internationally; strengthen recruitment, retention, graduation, and placement of students in industry. It will help build new partnerships with an industry that depends on the economic and natural resources of Utah. The Bachelor of Science in Outdoor Product Design and Development will help prepare students for successful careers and add to the knowledge, skills and abilities required of a vibrant sector of the outdoor industry. These are all part of the University, College of Agriculture and Applied Sciences and School of Applied Sciences, Technology and Education mission and goals.

Faculty

The faculty in the School of Applied Sciences, Technology and Education department can accommodate the proposed program. The faculty in Family and Consumer Sciences Education can facilitate the technical clothing production skills and professional seminar/studio experiences. Faculty in Technology and Engineering Education currently offer the computer-aided design courses needed and materials processing content and skills. Further, the faculty member in Agricultural Communications and Journalism can teach the skills required for digital technologies. The students in these programs take similar technical skill courses. The interdisciplinary nature of the program utilizes courses that are currently offered on the Logan campus. As the program grows, graduate student teaching and reallocation can support the addition of a faculty member to support additional courses or advising for the students.

Market Demand

Utah State University is responding to the demand for a trained workforce by the outdoor product design and development industry by creating an innovative and industry-inspired degree program. Not only is the industry calling for a trained workforce, but the demand for new and innovative outdoor products continues to rise. According to the Outdoor Industry Association (2012), more than 140 million Americans make outdoor recreation a priority. This fact is illustrated by the over $646 billion that was spent on outdoor products in 2012 (Outdoor Industry Association, 2012). Outdoor recreation is a growing and diverse economic super sector that is a vital cornerstone of successful communities that cannot be ignored (OIA, 2012). Outdoor recreation is no longer a "nice to have", but it is a "must have" that provides a strong outlook for employment opportunities for future graduates. This degree program connects students to industry leaders and has been developed with assistance from the world's leading technical designers, world's largest fabric manufacturer and heads of outdoor product companies.

Student Demand

There are three specific factors that contribute to student demand for the study of Outdoor Product Design and Development in Utah. First, there are still a large number of secondary education programs facilitatiting clothing production courses and even outdoor clothing design. This would be a direct feeder to the post-secondary program. Currently, there is not an opporutnity for students to major in clothing production with an outdoor apparel emphasis in Utah or in the region. Second, there has been an increase in the number of students majoring in Interdisciplinary Studies in the College of Agriculture and Applied Sciences with an emphasis on clothing production, sewing and fashion design. The new OPDD program would be a specific program that would meet ITDS student needs. Third, there are currently two Associate of Applied Science degrees offered in Utah that would be a direct feeder for the program. With industry demand for employees, the new program would continue the AAS student's education in Utah instead of requiring them to transfer to an institution in another state to complete the required education for employment.

Statement of Financial Support

None required.

Appropriated Fund………………………………………………….	☐
Special Legislative Appropriation…………………………………	☐
Grants and Contracts………………………………………………	☐
Special Fees ……………………………………………………….	☐
Differential Tuition (must be approved by the Regents)………..	☐
Other (please describe)……………………………………………	☐

Similar Programs Already Offered in the USHE

There is not a similar program offered at other Utah Institutions or in the region. The closest programs recognized by the industry as appropriate for preparation to work in the outdoor product design and development field are located in Canada and Europe. Two-year fashion design programs are offered in Utah, but the industry demands an interdisciplinary program that integrates technical clothing design with engineering, considerations of the environment and sustainability, business skills, and advanced technology applications.

Section I: The Request

Utah State University requests approval to offer a bachelor's degree in Outdoor Product Design and Development effective Fall 2015. This program has been approved by the institutional Board of Trustees on

Section II: Program Description

Complete Program Description

The Bachelor of Science in Outdoor Product Design and Development prepares students to become professionals in the outdoor product industry (a $646 billion industry that is continuing to grow). Graduates of the program will be able to contribute to the design and development of a variety of soft goods for the outdoor product industry. This degree can also be used as a foundation to pursue advanced degrees in product design and development or other disciplines.

The primary focus of the degree will be on technical product design and development skills required by industry with a few courses integrated to connect to the business, environmental and technological side of the outdoor product industry. The industry is experiencing a shortage of qualified technical designers with specific skills required of design and developing products to be used in the outdoors. The proposed degree program will meet the need of preparing future employees for this super sector in a state that is the premiere place for outdoor recreation. A degree in Outdoor Product Design & Development from Utah State University is the first step to a high skill, high wage, and high demand career opportunity. Many of the skills needed for success are included in the goals guiding the course curriculum and assessments. Complex 21st century skills are integrated into the program courses to ensure that graduates are well rounded and prepared for working in a complex industry and environment. Student needs are addressed through hands-on educational and studio-based experiences that integrate developmentally appropriate theory and research-based teaching strategies to facilitate learning for the future professional.

Purpose of Degree

The primary purpose of this degree program is to prepare future technical designers of outdoor products that can integrate business, environmental and technological considerations into the development of innovative products for the outdoors. The BS in Outdoor Product Design and Development provides excellent technical design and production-related learning experiences, meets the needs of students and the outdoor product industry, and matches the goals of the University, College, and Department. The degree will prepare students for careers in a wide range of outdoor product development sectors by providing a broad foundational education combined with practical "real world" experiences created with assistance from leaders in the industry. The degree not only prepares the student for a future career, but also contributes to the economic development in Utah, the premiere place for outdoor recreation.

Institutional Readiness

As the land-grant institution in Utah, Utah State University has a unique opportunity to respond to a demand of industry that depends on the state economic and natural resources. The biggest assets that USU has for the Outdoor Product Design and Development degree will be the components of the degree and faculty already available at USU. In addition to the support from faculty in the School of Applied Sciences, Technology and Education (Family and Consumer Sciences Education, Technology and Engineering Education, and Agricultural Communications and Journalism), this degree program will bring together existing faculty in the College and University community to offer a degree that is innovative and cutting edge. The new program offers 13 new courses with the OPDD designation. Each of these courses will be developed in collaboration with existing faculty and the use of graduate student teaching assistantships that already exist in the department. With the assistance of graduate student teaching assistantships, a reallocation of current faculty teaching loads can be accomplished. The collaboration and support of faculty in other program areas within the department, college and university will assist in the development of the new courses (Family and Consumer Sciences Education for the clothing production and design courses; Technology and Engineering Education for the digital technologies and design-related courses; Landscape Architecture and Environmental Planning and Interior Design faculty to inform the development of studio-related experiences). Overall, this program provides Utah State University the opportunity to develop an interdisciplinary program that meets the current demand of students and the industry.

Departmental Faculty

Department Faculty Category	Department Faculty Headcount – Prior to Program Implementation	Faculty Additions to Support Program	Department Faculty Headcount at Full Program Implementation
With Doctoral Degrees (Including MFA and other terminal degrees, as specified by the institution)			
Full-time Tenured	13		13
Full-time Non-Tenured	1		2
Part-time Tenured			
Part-time Non-Tenured			
With Master's Degrees			
Full-time Tenured	5		5
Full-time Non-Tenured	7		7
Part-time Tenured			
Part-time Non-Tenured			
With Bachelor's Degrees			
Full-time Tenured	2		2
Full-time Non-Tenured	6		6
Part-time Tenured			
Part-time Non-Tenured			
Other			
Full-time Tenured	4		4
Full-time Non-Tenured	5		5
Part-time Tenured			
Part-time Non-Tenured	1		1

Total Headcount Faculty in the Department			
Full-time Tenured	19		19
Full-time Non-Tenured	19		19
Part-time Tenured			
Part-time Non-Tenured	1		1
Total Department Faculty FTE (As reported in the most recent A-1/S-11 Institutional Cost Study for "prior to program implementation" and using the A-1/S-11 Cost Study Definition for the projected "at full program implementation.")	31.42	X	32.42

Staff

Current faculty workloads will be adjusted to allow for the additional courses required of the proposed program. For the first two years of the program, current full-time and part-time faculty with the addition two graduate students can facilitate the program without significant impact on existing degrees. Faculty with the required education, experience and background are already involved with other programs within the department. Additional faculty will be considered as the enrollment in the program grows or the industry sponsors such additions. As stated previously, the 13 new courses with the OPDD designation will be developed in collaboration with faculty from across the department, college and university.

Library and Information Resources

Clothing production, design, and fashion studies-related holdings will be adequate for the Outdoor Product Design and Development program. Additional resources will not be needed. USU's current undergraduate resources include all software needed for this degree program.

Admission Requirements

The admission requirements will be consistent with the existing USU undergraduate admission requirements.

Student Advisement

The School of Applied Sciences, Technology and Education has a designated advisor in the College of Agriculture and Applied Sciences Student Services Center. The new program will accommodate the students who were majoring in Interdisciplinary Studies with an emphasis in fashion-related studies. The use of a faculty mentor/advisor will assist the Advisor with the increased number of students.

Justification for Graduation Standards and Number of Credits

The proposed program aligns with the standards and number of credits of other programs granting the bachelor's of science degree at USU. A graduating senior who has followed the four-year plan will have earned a minimum of 120 credits including general education, University Studies and courses in the major.

External Review and Accreditation

There is currently no national accreditation process for a degree in Outdoor Product Design and Development. To evaluate the program, an advisory board of the world's leading technical designers, the world's largest fabric manufacturing company and head's of outdoor product companies has been established. Every six months, the advisory board meets at the Outdoor Retailer Show in Salt Lake City, Utah to review the program requirements and propose revisions to the degree. This is not a formal

committee, but is open to all interested USU faculty and outdoor product industry representatives. The input of the Outdoor Industry Association has been requested.

Projected Program Enrollment and Graduates; Projected Departmental Faculty/Students

Data Category	Current – Prior to New Program Implementation	PROJ YR 1	PROJ YR 2	PROJ YR 3	PROJ YR 4	PROJ YR 5
Data for Proposed Program						
Number of Graduates **in Proposed Program**	X	0	0	5	15	15
Total # of Declared Majors **in Proposed Program**	X	15	30	60	80	100
Departmental Data – For All Programs Within the Department						
Total Department Faculty FTE *(as reported in Faculty table above)*	31.42	31.42	32.42	32.42	32.42	32.42
Total Department Student FTE *(Based on Fall Third Week)*	656.74	676	696	716	736	736
Student FTE per Faculty FTE *(ratio of Total Department Faculty FTE and Total Department Student FTE above)*	20.9	21.5	21.5	21.6	22.7	22.7
Program accreditation-required ratio of Student FTE/Faculty FTE, if applicable: (Provide ratio here:_____)						

Expansion of Existing Program
The Bachelor of Science in Outdoor Product Development is a new degree program and not an expansion of an existing program.

Section III: Need

Program Need
Utah leads the nation in outdoor recreation. According to the "State of Utah Outdoor Recreation Vision" (2013), Utah's outdoor recreation industry is a significant and growing part of the state's economy, contributing to well-paying jobs for highly skilled workers. One specific area that needs a trained workforce is the outdoor product design and development industry. A program does not exist in the United States to train outdoor product design and development professionals with the specific skill set required by the innovative and rapidly growing industry. Fashion design programs and other industrial design programs have fallen short of the demand for an interdisciplinary program that Utah State University can provide as the land-grant university in the state that is referred to as "the premiere place for outdoor recreation". There is a need for a technical design program that considers the economic, sustainability, and technological factors associated with this growing and diverse economic super sector that is vital to the Utah community. Additionally, the program will help supply professionals to the growing number of outdoor industry

companies that are based in Utah and beyond, which currently have difficulty filling the growing number of open positions.

Labor Market Demand

As the first state to create an economic development cluster focusing on the outdoor product industry, Utah has seen an increased number of outdoor recreation product companies relocating to the state. With immediate access to high-quality outdoor recreation experiences, Utah allows for hands-on product research, development and testing. The world's leading technical designers, the world's largest fabric manufacturer and heads of outdoor product companies have requested a new degree program to train their workforce be developed at Utah State University. Specifically, the closest innovative and interdisciplinary program to train future employees for the industry is located in Canada. It has been difficult for the industry to relocate designers from Canada to the United States. As the land-grant university, Utah State University is strategically positioned to support an industry that makes up a significant portion of the state's economy. Utah ranks first among the states in the concentration of outdoor/sporting goods jobs as a percentage of total state jobs. Today, there are over 1,000 outdoor product companies in Utah (Utah Governor's Office of Economic Development, Outdoor Products and Recreation Cluster, 2013). The following companies are currently headquartered in Utah and demand a trained workforce: Amer Sports (brands including Atomic, Salomon, Suunto, Arc'teryx, etc.), Backcountry.com, Black Diamond, Easton, ENVE Composites, Fezzari, Flat-Attack, Gregory Mountain Products, Liberty Mountain, Ogio, Petzl, Rossignol, Voile, EK Accessories, William Joseph, Chums, and Goathead Spikes to name a few. Students participating in the program will have access to the Outdoor Industry Association's summer and winter markets that showcase top outdoor products and companies. Overall, the outdoor recreation industry sees an estimated $646 billion dollars in direct sales with $120.7 billion of that from product sales. If the outdoor recreation has moved from "nice to have" to a "must have" then the new degree program will see the same demand.

Student Demand

Students interested in being a technical designer for the outdoor product industry must currently choose from a two-year Associates Degree in Fashion Design option (Salt Lake Community College or Bridgerland Applied Technology College) or an Interdisciplinary Studies degree from Utah State University with an emphasis on fashion design and art. None of these programs meet the demand of the industry for a future workforce that has a bachelor's degree in Outdoor Product Design and Development. The proposed program will meet the student and labor demand by offering a program that integrates experiences in technical design that considers economic, sustainability, engineering and technological factors. Utah is a state with over 500 teachers certified to teach clothing production-related courses. These courses do not have many college and/or career opportunities for students after high school. The proposed program would be an important career pathway for students who currently participate in these courses in Utah and who have an interest in outdoor recreation and product development. Transfer students with an Associates Degree from Snow College, Salt Lake Community College or Bridgerland Applied Technology College could pursue the new program and have a viable career upon completion.

Similar Programs

There is not a similar program offered at other Utah Institutions or in the region. The closest programs recognized by the industry as appropriate for preparation to work in the outdoor product design and development field are located in Canada and Europe. Two-year fashion design programs are offered in Utah, but the industry demands an interdisciplinary program that integrates technical clothing design with engineering, considerations of the environment and sustainability, business skills, and advanced technology applications.

Collaboration with and Impact on Other USHE Institutions
There are no other programs similar to the proposed program in the other USHE Institutions.

Benefits
USU and the USHE will benefit by offering the Bachelor of Science in Outdoor Product Design and Development because it represents and new and innovative approach to preparing an important industry to Utah's economy. The proposed curriculum will be a model for other programs across the nation as it is the first program of this nature available in the United States. Strategic partnerships are an integral part of the proposed program and will bring industry-relevant curriculum to students at Utah State University. There is a direct connection between the degree program and career opportunities in the outdoor product development industry. The new degree is intended to reflect the care and concern of professional educators in providing current, relevant, real-world problems to talented, motivated students. Students receive a relevant and rigorous educational experience that will help them develop a career not only as a designer, but also in many other sectors of the outdoor product industry.

This degree will contribute to the Governor's Outdoor Recreation Vision by offering students a degree option that directly relates to the current and future economy of the state.

Consistency with Institutional Mission
The mission of Utah State University is to be one of the nation's premier student-centered land-grant and space-grant universities by fostering the principle that academics come first, by cultivating diversity of thought and culture, and by serving the public through learning, discovery, and engagement.

The new Bachelor of Science degree in Outdoor Product Design and Development reflects the University mission and goals by:
- Offering a program that is current and directed at the needs to the students
- Providing learning, discovery, and engagement opportunities directly relating to the students talents, skills and career objective
- Attract outstanding students in an environment that is highly competitive, demanding and engaging. The degree will help retain good students and be a major factor in them completing their college education
- The degree program will encourage interdisciplinary opportunities (courses focusing on technology and engineering, sustainability, business skills and hands-on design studio experiences). The program will also offer industry-based field experiences and internships
- Offering faculty new challenges and opportunities to use their talents and skills in areas for which they are highly qualified by the traditional degrees have not required them to use some of their abilities
- Encouraging the formation of new partnerships with the outdoor product industry
- Supporting the regional campuses with online courses for training for the industry and other special programs throughout the state

Program Assessment

The School of Applied Sciences, Technology and Education will conduct on-going assessment of the degree program and make improvement or adjustments as needed. The competencies selected for this program include skills and knowledge outlined by industry leaders. Instructors will use student course evaluations as a formative step in the entire program as they see instantaneous reaction to their teaching. The program faculty will have the opportunity to interact and work with other design faculty from across campus. The department will also conduct exit interviews/surveys of graduating students. The program will survey alumni at approximate five-year intervals to provide an opportunity for student reflection on the program outcomes and overall value.

Expected Standards of Performance

Core Standards of Performance:

- Explain and interpret the organization and structure of the global product development industry for soft goods.
- Develop textile/apparel products for specific target markets within the outdoor industry to meet expectations for cost and quality (materials, performance, and aesthetics).
- Demonstrate effective leadership, teamwork, and communication skills.
- Plan, develop, and present merchandise lines for identified market segments within the outdoor product industry.
- Explain and apply the basic decision-making, production, and creative processes involved in the conversion of materials to finished textile/apparel products for the outdoors.
- Assess and evaluate the manner in which historic, cultural, economic, and environmental factors impact outdoor products.
- Evaluate the characteristics and performance of materials in textile/apparel products for the outdoors.
- Use technology and quantitative, analytical, and creative concepts in addressing a design dilemma.

Design Standards of Performance:

- Assess and evaluate aesthetic, historic, and trend information from a variety of sources to create innovative and artistic textile and apparel products for the outdoors.
- Apply the creative design process and evaluate outcomes.
- Develop and create images of fabrics and apparel in an artistic and informative manner using a variety of techniques, computer technology, and media.
- Apply technical knowledge and skills in pattern making, fit assessment, materials selection, and assembly processes to meet customer demand.
- Communicate creative and design work to professionals and consumers.

Production Standards of Performance:

- Analyze factors affecting human resource management issues, production planning, scheduling, and inventory control relative to business goals and professional development.

- Develop and analyze production methods appropriate to products, quality, cost, and equipment.
- Develop and analyze quality and engineering specifications and production standards for products and processes.
- Apply technology and work measurement to increase productivity, decrease costs, and shorten delivery time.

Merchandising Standards of Performance
- Assess market and consumer factors that influence apparel and textile merchandising and marketing decisions.
- Analyze merchandise assortments and line dimensions from a marketing perspective.
- Interpret and apply mathematical concepts and financial statements related to merchandise planning, control, and distribution.
- Demonstrate understanding of relationship management strategies with vendors, customers, employees, and other industry stakeholders.
- Recognize the types, functions, and significance of store and non-store retailing in contemporary global markets.

Section V: Finance

Department Budget

Departmental Data	Current Departmental Budget – Prior to New Program Implementation	Departmental Budget					
		Year 1		Year 2		Year 3	
		Addition to Budget	Total Budget	Addition to Budget	Total Budget	Addition to Budget	Total Budget
Three-Year Budget Projection							
Personnel Expense							
Salaries and Wages	$3,572,519	$35,725	$3,608,244	$36,082	$3,644,326	$36,443	$3,680,769
Benefits	$1,643,358	$16,433	$1,659,791	$16,597	$1,676,388	$16,763	$1,693,151
Total Personnel Expense	$5,215,877	$52,158	$5,268,035	$52,679	$5,320,714	$53,206	$5,373,920
Non-Personnel Expense							
Travel	$123,463	$1,235	$124,698	$1,247	$125,945	$1,259	$127,204
Capital	$43,212	$432	$43,644	$436	$44,080	$441	$44,521
Library	$18,521	$184	$18,705	$188	$18,893	$189	$19,082
Current Expense	$432,122	$4,322	$436,444	$4,363	$440,807	$4408	$445,215
Total Non-Personnel Expense	$617,318	$6,173	$623,491	$6,234	$629,725	$6,297	$636,022
Total Expense *(Personnel + Current)*	$5,833,195	$58,331	$5,891,526	$58,913	$5,950,439	$59,503	$6,009,942
Departmental Funding							
Appropriated Fund	$4,742,814	$47,428	$4,790,242	$47,902	$4,838,144	$48,381	$4,886,525
Other:	$368,253	$3,683	$371,936	$3,719	$375,655	$3,756	$379,411
Special Legislative Appropriation							
Grants and Contracts	$722,128	$7,220	$729,348	$7,292	$736,640	$7,366	$744,006
Special Fees / Differential Tuition							

Total Revenue	$5,833,195	$58,331	$5,891,526	$58,913	$5,950,439	$59,503	$6,009,942
Difference							
Revenue-Expense	$0	$0	$0	$0	$0	$0	$0
Departmental Instructional Cost / Student Credit Hour* *(as reported in institutional Cost Study for "current" and using the same Cost Study Definition for "projected")*	$236	$0	$236	$0	$236	$0	$236

Funding Sources

Not applicable—all costs will be covered in existing budgets. No new faculty or staff FTE, library, or other operational funds will be required.

Reallocation

No new funding required as the program will use existing resources and mechanisms.

Impact on Existing Budgets

No foreseeable negative impacts upon existing programs, departmental, college, or university budgets are anticipated.

Section VI: Program Curriculum

All Program Courses (with New Courses in Bold)

Course Prefix & Number	Title	Credit Hours
General Education (not met by major requirements): 21 credits		
Various	Breadth Creative Arts (BCA)	3
Various	Breadth Social Science (BSS)	3
Various	Breadth Humanities (BHU)	3
ENGL 1010	Introduction to Writing: Academic Prose (CL1)	3
ENGL 2010	Intermediate Writing: Research Writing in a Persuasive Model (CL2)	3
MATH 1050 or STAT 1040	College Algebra or Intro to Statistics (QL)	3
Various	Depth Social Science (DSS)	3

Course Prefix & Number	Title	Credit Hours
Outdoor Product Design & Development Major Requirements: 99 credits		
OPDD 1700	Outdoor Product Design & Development Prof. Seminar	8(1)
OPDD 1750	History of the Outdoor Industry	3
OPDD 3030	Design Thinking, Methods & Materials	3
OPDD 3400	Color Theory & Design	3
OPDD 3760	Outdoor Product Design & Development Studio I	3
OPDD 3770	Outdoor Product Design & Development Studio II	3
OPDD 4250	Outdoor Product Design & Dev. Industry Experience	3
OPDD 4420	Digital Design Technologies for Outdoor Products I	3
OPDD 4430	Digital Design Technologies for Outdoor Products II	3
OPDD 4440	Aesthetics, Human Factors and Brand Image	3
OPDD 4750	Senior Design Studio I	3
OPDD 4760	Senior Design Studio II	3
OPDD 4770	Senior Exhibit	1
FCSE 1140	Introductory Sewing	2
FCSE 2040	Clothing Production Principles	3
FCSE 3030	Textile Science (DSC, QI)	4
FCSE 3040	Advanced Clothing Production	3
FCSE 3080	Dress and Humanity (DHA)	3
FCSE 4040	Advanced Clothing Studies: Couture and Tailoring	3
TEE 1030	Material Processing Systems	3
TEE 1200	Computer Aided Drafting and Design	3
WATS 1200	Biodiversity and Sustainability (BLS)	3
ART 1020	Drawing I	3
ECN 1500	Intro. to Economic Institutions, History and Principles (BAI)	3
LAEP 2039	Foundations of Sustainable Systems	3
OSS 1550	Business Correspondence (CI)	3
CHEM 1110	General Chemistry (BPS)	3
MGT 2050	Legal and Ethical Environment of Business	3
MGT 3500	Fundamentals of Marketing	3
MGT 3510	New Venture Fundamentals	3
MGT 4070	Retail Management (CI)	3
ENVS 2340	Natural Resources and Society (BSS)	3
Sub-Total	Elective Courses	0
Sub-Total	Track/Options (if applicable)	0
Sub-Total	Total Number of Credits	120

Program Schedule

Freshman Year

FALL	CR	SPRING	CR
OPDD 1700: Professional Seminar	1	OPDD 1700: Professional Seminar	1
OPDD 1750: History of the Outdoor Industry (BCA)	3	FCSE 2040: Clothing Production Principles	3
FCSE 1140: Introductory Sewing	2	CMST 1020: Public Speaking, or CMST 2110: Interpersonal Communication or PHIL 2400: Ethics (BHU)	3
WATS 1200: Biodiversity & Sustainability	3	STAT 1040: Intro to Statistics (QL)	3
ENGL 1010: Introduction to Writing (CL 1)	3	ART 1020: Drawing I	3
ECN 1500: Intro to Economic Inst. (BAI)	3		
Total	15	Total	13

Sophomore Year

FALL	CR	SPRING	CR
OPDD 1700: Professional Seminar	1	OPDD 1700: Professional Seminar	1
TEE 1030: Material Processing Systems	3	TEE 1200: Computer Aided Drafting & Design	3
ENGL 2010: Intermediate Writing (CL 2)	3	CHEM 1110: General Chemistry (BPS)	3
FCSE 3040: Advanced Clothing Prod.	3	OPDD 3030: Design Thinking, Methods, & Mat.	3
OPDD 3400: Color Theory & Design	3	FCSE 4040: Advanced Clothing Production	3
LAEP 2039: Fdn. of Sustainable Systems	3		
Total	16	Total	13

Summer

OPDD 4250: Outdoor Product Design & Development Industry Experience   3 credits

Junior Year

FALL	CR	SPRING	CR
OPDD 1700: Professional Seminar	1	OPDD 1700: Professional Seminar	1
FCSE 3080: Dress & Humanity (DHA)	3	OPDD 3770: OPDD Studio II	3
FCSE 3030: Textile Science (DSC, QI)	4	ENVS 2340: Nat. Resources & Society (BSS)	3
OPDD 3760: OPDD Studio II	3	JCOM 2010: Media Smarts (BSS)	3
OSS 1550: Business Correspondence (CI)	3	OPDD 4430: Digital Design Technologies II	3
OPDD 4420: Digital Design Technologies I	3		
Total	17	Total	13

Summer

OPDD 4250: Outdoor Product Design & Development Industry Experience   3 credits

Senior Year

FALL	CR	SPRING	CR
OPDD 1700: Professional Seminar	1	OPDD 1700: Professional Seminar	1
OPDD 4750: Senior Design Studio I	3	OPDD 4760: Senior Design Studio II	3
MGT 3500: Fundamentals of Marketing	3	OPDD 4770: Senior Exhibit	1
MGT 2050: Legal & Ethical Env. of Bus.	3	MGT 4070: Retail Management (CI)	3
OPDD 4440: Aesth. Human Fctrs, Brand	3	CMST 3330:Intercultural Communication (DSS)	3
		MGT 3510: New Venture Fundamentals	3
Total	13	Total	14

Section VII: Faculty

The School of Applied Sciences, Technology & Education has broad expertise in technical and content-related skills as well as existing specific expertise to support an outdoor product design and development degree program. The table below shows faculty with general expertise areas followed by the faculty who have expertise/credentials related directly to Business Education.

ASTE	Faculty	Teach	Res	Ext	Serv	Admin	Degree	University
Richard	Beard	8		76	8		PhD	Texas A&M Univ, Extension Ed.
Kelsey	Hall	65	30		5		EdD	Texas Tech Univ, Agric. Ed.
Rebecca	Lawver	65	30		5		PhD	Univ of Missouri, Agric. Ed.
Bruce	Miller	20			5	75	PhD	Iowa State Univ, Agric. Ed.
Betty	Murri	95			5		MS	USU, Clothing and Textiles
Michael	Pate	65	30		5		PhD	Iowa State Univ, Agric. Ed.
Edward	Reeve	65	25		10		PhD	Ohio State Univ, Ind. Tech. Ed.
Lindsey	Shirley	70		25	5		PhD	Iowa State Univ, Family & Consumer Sciences Ed.
Debra	Spielmaker	60		35	5		PhD	USU, Curriculum & Inst.
Denise	Stewardson			90	10		MA	Univ of Maryland, Industrial Arts Ed.
Gary	Stewardson	65	30		5		PhD	Univ of Maryland, Industrial Arts Ed.
Brian	Warnick	70	25		5		PhD	Oregon State Univ. Education
Julie	Wheeler	95			5		MS	USU, Home Economics & Consumer Education

References

Outdoor Industry Association (2012). *The Outdoor Recreation Economy.* Retrieved from http://outdoorindustry.org/pdf/OIA_OutdoorRecEconomyReport2012.pdf

Utah Governor's Office of Economic Development, Outdoor Products and Recreation Cluster (2013). *The State of Utah Outdoor Recreation Vision.* Retrieved from http://www.utah.gov/governor/docs/OutdoorRecreationVision.pdf

Semester Deadlines–Items become effective beginning with designated semesters according to the chart provided below. These deadlines are necessary so that the Registrar and the University Advising offices have sufficient time to alter databases to permit student registration, enforce prerequisites, satisfy administrative accountability requirements, and meet publication deadlines in a timely manner.

Semester Deadlines for Curriculum Changes. (Approvals must be approved by **FACULTY SENATE** in the month shown in order to be effective for the term shown.)			
Request Type	Summer	Fall	Spring
Course Number Change	October	October	March
Prefix Change			
Prerequisite (New)			
Semester Credit Hours	January	January	April
Title Change			
Repeatable for Credit			
Multiple List Disignation or Change			
Pass/Fail Designation			
University Studies/Gen Ed Designation			
Delete Course	April	April	December
Inactivate/Reactivate Course			
Course Description Change			
Deletion of Prerequisites			
Add New Course			

In preparing for these deadlines, academic units should provide sufficient time so that curriculum change proposals can be successfully conducted through the processes required prior to the Curriculum Subcommittee meeting. Such processes include departmental and college procedures, as well as those of the Council on Teacher Education, the Graduate Council, and the General Education Subcommittee. In very rare emergency instances, changes may be approved that do not meet these deadlines. Emergencies do not include a failure to do timely planning. In these emergency instances, "departments that have made changes . . . , will be responsible for dealing with any problems which occur due to the changes (EPC, 7 May 1998)."

On the Course Approval Form, for semester effective, indicate the desired effective term. If you would like the changes as soon as possible see exceptions listed above.