Proposal:

It is proposed that UVU add the following programs: Certificates of Proficiency in Operations Management, Architectural Design Technology, Civil Design Technology, Mechanical Design Technology, Structural Design Technology, Digital Cinema, Substance Use Disorder Counseling, Advanced Substance Use Disorder Counseling, and Autism Studies; Minors in Autism Studies, Writing Studies, and Internal Auditing; BS in Accounting Emphases in Internal Auditing and General Accounting; AAS in Emergency Services Emphasis in Aviation Fire Officer, and a BS Integrated Studies Emphasis in American Indian Studies. It is also proposed that the AA in Theatre Arts be reinstated, the BA in Theatre Arts be restructured, and the BS in Theatre Arts be discontinued. Finally, it is proposed that the Three-Year Follow-ups for the AAS and BS in Construction Management be reviewed and sent on to the Utah State Board of Regents.

Background:

The Certificate of Proficiency in Operations Management would be used to support industry demand in local companies such as I-M Flash, US Synthetics, etc. for operations specialists. In addition, the certificate would be used to augment the existing bachelor degree in business management to give those graduates a more marketable career option upon graduation. The demand is so strong for operations management that several businesses, including I-M Flash, have approached the Woodbury School of Business to ask about providing certificate programs and a four-year Operations Management degree. As the US dollar continues to fall in relation to foreign currencies, especially the Chinese Yuan, and against other rising currencies in developing countries, the number of manufacturing jobs will continue to grow nationally. Utah, especially, is positioned to take advantage of this trend with its strong economy. The student demand for this certificate will be strengthened by the unusually high wages being offered for operations positions. It is estimated that technicians completing the certificate would increase their annual incomes by $10-12,000, as well as increase their job stability with the additional technical education the certificate provides.

The Certificate of Proficiency in Architectural Design Technology will be dedicated to teaching the technical and functional elements of residential and commercial architectural design, and will educate students in the process of taking both residential and commercial architectural projects from conceptual design, to model, to completed construction documents. Students will be required to take the architectural related courses currently offered in the Engineering Graphics and Design Technology (EGDT), Drafting Technology program. From these courses students will learn the basics of architectural drafting and design, and be trained in industry standard two-dimensional and three-dimensional software/Building Information Modeling (BIM) packages. Students will also take courses in architectural rendering, residential design and construction, and commercial design and construction. A student with a Certificate of Proficiency in Architectural Design Technology will be prepared for an entry level job as an architectural drafter/designer.

The Certificate of Proficiency in Civil Design Technology will be dedicated to teaching the technical and functional elements of civil design, and will educate students in the process of taking civil related projects from conceptual design to completed construction documents. Students will be required to take the civil and
surveying related courses currently offered in the Engineering Graphics and Design Technology (EGDT) - Drafting Technology program. From these courses students will learn the basics of surveying, civil drafting and design, and be trained in industry standard two-dimensional and three-dimensional software packages. Students will also take courses in surveying applications, land development, and advanced civil design. A student with a Certificate of Proficiency in Civil Design Technology will be prepared for an entry level job as a civil drafter/designer or survey technician.

The **Certificate of Proficiency in Mechanical Design Technology** will be dedicated to teaching the technical and functional elements of mechanical design, and will educate students in the process of taking mechanical related projects from conceptual design, to model, to completed fabrication documents. Students will be required to take the mechanical related courses currently offered in the Engineering Graphics and Design Technology (EGDT), Drafting Technology program. From these courses students will learn the basics of mechanical drafting and design, and be trained in industry standard two-dimensional and three-dimensional software packages. Students will also take courses in electrical design and advanced mechanical design. A student with a Certificate of Proficiency in Mechanical Design Technology will be prepared for an entry level job as a mechanical drafter/designer.

The **Certificate of Proficiency in Structural Design Technology** will be dedicated to teaching the technical and functional elements of structural steel detailing, and will educate students in the process of taking structural related projects from conceptual design to completed construction documents. Students will be required to take the structural related courses currently offered in the Engineering Graphics and Design Technology (EGDT), Drafting Technology program. From these courses students will learn the basics of structural steel detailing, and be trained in industry standard two-dimensional and three-dimensional software/Building Information Modeling (BIM) packages. Students will also take courses in advanced structural design and detailing. A student with a Certificate of Proficiency in Structural Design Technology will be prepared for an entry level job as a structural steel detailer.

The **Certificate of Proficiency in Digital Cinema** would provide students a solid understanding and hands-on experience in the new digital cinema workflow skills necessary to manage digital cinema assets. It would also provide a background in digital cinema production management methodology. This certificate is meant to be only 15 credits hours in order to certify learners who need the most fundamental digital cinema skills as quickly as possible. It has two potential audiences, new students interested in digital cinema workflow and production and professionals in the industry who would like to update their skills in digital cinema workflow and production. It is also designed for learners from foreign countries who have some basic skills but need to learn the particulars of Digital Cinema tools and workflow in English.

The restructuring, name change, and addition of a **Certificate of Proficiency in Substance Use Disorder Counseling** and **Certificate of Proficiency in Advanced Substance Use Disorder Counseling** is needed to bring the programs in line with the new Utah statutes governing licensure in Substance Use Disorder Counseling. The request also allows UVU’s program to be consistent with the program at the University of Utah. This involves the addition of one new course, slight modifications to two other existing courses, and the addition of a second certificate. Students can exit the program after two semesters to fulfill educational requirements for a Certificate of Proficiency in Substance Use Disorder Counseling. If they complete all three semesters they will fulfill the educational requirements for a Certificate of Proficiency in Advanced Substance Use Disorder Counseling.
The Certificate of Proficiency as well as the Minor in Autism Studies will help fill the gap for an increase in informed and qualified personnel to work with the growing number of children and adults with Autism Spectrum Disorder (ASD). In addition to educating UVU students to support this growing population, the COP will be available to all community members, including professionals from all walks of life such as business members, educators, public health professionals, and families affected by ASD. It will provide a solid foundation of information and experience with various aspects of ASD including:

- Diagnostic criteria: understanding and recognizing repetitive and perseverative behaviors, characteristic language delays, and social deficits
- Behavior management tools and techniques
- The autism impact on the individual, family, and community
- Best practice interventions for early childhood, elementary age, and adult
- Transitions through the lifespan
- Practical applications of evidence based intervention
- Available community resources, etc.

Both programs will be beneficial to anyone needing to work with, or interact with, those who have ASD. This would include those in supervisory positions overseeing ASD adults, educators who may have students with an ASD diagnosis in their classrooms, counselors and medical professionals, emergency services personnel, librarians and other city personnel, and anyone seeking additional information and insight.

The Minor in Writing Studies provides expertise in the analysis and production of written texts in academic, professional, and civic contexts. The minor will attract students both in English and across the disciplines as students recognize that writing is essential to their success. Students want to be able to demonstrate to potential employers that they are expert communicators and particularly good writers. The new Writing Studies minor will demonstrate students’ status as effectively trained writers who are well equipped to take on the ever-evolving challenges and promises of 21st Century communication. UVU is not the only institution that sees this need. Currently, 48% of English departments nationwide offer a major and/or minor in Writing or Professional Writing, and that percentage is “growing at an impressive rate,” according to the February 2010 issue of College Composition and Communication.

The Minor in Internal Auditing is designed to help students develop professional abilities in the areas of risk based auditing, problem solving, ethical reasoning, and communication through an engaged and experiential learning experience. If approved, Utah Valley University’s minor in Internal Auditing would also be the only one in the State of Utah, and one of only five internal auditing programs in the Western United States. Currently there are employers hiring students taking UVU’s internal auditing courses as interns and for full-time employment. The minor in internal auditing would help the Internal Auditing department at UVU be recognized by The Institute of Internal Auditors which requires an emphasis in internal auditing in order to be recognized at the highest level for excellence in internal auditing.

The Emphases to the BS in Accounting Degree will separate students seeking specific Internal Auditing skills from those of General Accounting Majors. The Internal Auditing Emphasis is designed to develop students’ professional abilities in the areas of risk-based auditing, problem solving, ethical reasoning, and communication through an engaged and experiential learning experience. If approved, Utah Valley University’s internal auditing emphasis would be the only one in the State of Utah, and one of only five internal auditing programs in the Western United States. The Institute of Internal Auditors requires an Emphasis in Internal Auditing in order to be recognized at the highest level for excellence in internal
auditing. The **General Accounting Emphasis** provides a general accounting education for students who do not want to specialize in internal auditing.

The **AAS in Emergency Services Emphasis in Aviation Fire Officer** will be the first associate's degree program of its kind in Utah, as well as the United States. The degree is a 63-credit AAS degree with a focus on aviation fire and emergency services. The emphasis consist of already-approved courses pertaining to airport firefighting, aircraft related mass-casualty incidents, current topics in aircraft mishaps, airport operations for the emergency responder, and aviation terrorism. The emphasis will also contain elective courses from within the Aviation School and courses associated with the National Fire Academy’s Fire and Emergency Services Higher Education Model; thus delivering a well-rounded aerospace rescue and firefighting education that can be used in multiple areas of fire and emergency services. Specifically, the Aviation Fire Officer Degree emphasis is an education program preparing the graduating student to successfully function in aviation emergency services as well as municipal, county, state, and federal fire and emergency organizations.

An American Indian Studies minor currently exists within the Interdisciplinary Studies Program (IDST). Minors in the IDST have customarily had a parallel IS emphasis. The **IS Emphasis in American Indian Studies** is in conformity with the other IDST minors. The emphasis will provide students with academic experiences, skills, and strategies to understand the scope of American indigenous communities within scholarly and applied contexts. Graduates will receive an academic background preparing them for relevant employment in tribal governments and other Indian organizations, state or federal agencies which serve Indian tribes and organizations, and private sector enterprises that work with Indian tribes and organizations. The American Indian Studies IS emphasis will stress the traditional acquisition of knowledge and skills that apply to American Indian communities and a vital sense of service to these communities.

The **AA degree in Theatre Arts** was suspended in 2008 when the department was transitioning most of its students from two-year degree programs to four-year degree programs. In order to restructure the current BA degree, the department needs to have a corresponding AA degree that would serve as a pre-major for the BA in Theatre Arts. The **reinstituted** AA degree, as proposed, is in alignment with the proposed restructuring of the BA degree. It will provide an option for students who may lack the time, resources, and academic preparation to complete the four-year BA. The AA will qualify students for entry-level work in the field and will allow students the option of getting practical experience in the field before completing the four-year degree.

The theatre faculty has been engaged in a two-year process of reviewing, re-evaluating, and re-envisioning its degree programs. There is consensus that the current BS degree in Theatre Arts lacks rigor and limits career and graduate school opportunities, while the current BA degree does not offer a sufficiently broad liberal arts education. A discontinuation of the current BS degree and a restructuring on the **BA in Theatre Arts** is requested to bring the Theatre program in line with that of other like programs in Utah.

The **AAS and BS in Construction Management** programs were approved in 2009 and are being submitted for their three-year follow-ups.

**Recommendation:**

The President and the Senior Vice President for Academic Affairs recommend that the Board of Trustees approve the proposed actions as summarized above and detailed in the attached documents.