TECHNICAL EDUCATION (5400)

5400:500 Postsecondary Learner (3 Credits)
Describes characteristics of the postsecondary learner; studies issues, factors, and strategies pertinent to successful facilitation of learning in a variety of postsecondary learning environments. Delivered in face to face web enhanced format and fully online format.

5400:501 Learning with Technology (1 Credit)
An overview of informational learning and research technologies used and applied in workforce education and training by practitioners/learners for learning, research and evaluation. Online format.

5400:505 Workforce Education for Youths and Adults (3 Credits)
History and operations of current workforce education for youth and adults. Includes study of social, economic, and political influences that stimulate growth and expansion of workforce education. Delivered in face to face web enhanced format and fully online format.

5400:515 Training in Business & Industry (3 Credits)
Examine the role and mission of the training function in the modern industrial setting. Foundation for students interested in industrial trainer or training supervision positions. Delivered in face to face web enhanced format and fully online format.

5400:520 Postsecondary Instructional Technology (3 Credits)
Experiences in using, developing, and evaluating instructional technologies and media used for technical instruction. Delivered in face to face web enhanced format and fully online format.

5400:530 Systematic Curriculum Design for Postsecondary Instruction (3 Credits)
Development of postsecondary curriculum using sound instructional systems design principles and instructional technologies. Delivered in face to face web enhanced format and fully online format.

5400:535 Systemic Instructional Design in Postsecondary Education (3 Credits)
Best practices in instructional strategies appropriate for postsecondary instructors. Emphasis on instructional design and learner outcome assessments. Delivered in face to face web enhanced format and fully online format.

5400:580 Special Topics: Workforce Education/Training (1-3 Credits)
(May be repeated for a maximum of 6 credit hours with a change in topic.) Group study of special topics of critical, contemporary concern in professional education.

5400:590 Workshop: Workforce Education and Training (1-3 Credits)
Individual work under staff guidance on curriculum problems, utilization of community resources, planning of curriculum units. Delivered in face to face web enhanced format and fully online format.

5400:591 Workshop: Technical Education (1-3 Credits)
Individual work under staff guidance on curriculum problems, utilization of community resources, planning of curriculum units.

5400:592 Workshop: Technical Education (1-3 Credits)
Individual work under staff guidance on curriculum problems, utilization of community resources, planning of curriculum units.

5400:605 Advanced System Design: Needs Assessment and Evaluation (3 Credits)
An examination of the instructional design in workforce education and training and supporting research in effective performance-based program needs, assessment, and evaluation processes. Delivered in face to face web enhanced format and fully online format.

5400:620 Postsecondary Teacher Leadership (3 Credits)
An examination of the role of supervisor of postsecondary instruction, facilitation and evaluation of postsecondary instructors, professional development, as well as related leadership and management issues. Delivered in face to face web enhanced format and fully online format.

5400:660 Postsecondary Distance Learning (3 Credits)
Introduction to the nature, purpose, and philosophy of distance learning; examination of current scope, history, theory, institutions, and programs of distance learning. Delivered in an online format.

5400:675 Advanced Instructional Applications Seminar (3 Credits)
Prerequisites: 5400:500, 5400:515 or 5400:600 or 5400:505, 5400:520, 5400:530, 5400:535, 5400:605, 5400:620, 5100:604 or 5100:703; admission to the technical education program. Provides an environment for students to apply learned teaching skills, evaluate their teaching abilities, and fine-tune skills before independently teaching in the field. Delivered in face to face web enhanced format and fully online format.

5400:690 Internship in Postsecondary Education (3 Credits)
Prerequisites: advisor and supervisor permission and completion of all required Technical Education coursework. Teaching of curriculum development under supervision from the University and the learning organization. Includes a seminar and portfolio development. Delivered in an online format.

5400:695 Field Experience: Masters (1-6 Credits)
On-the-job experience related to student’s program of studies. Credit/Non-credit.

5400:697 Independent Study: Technical Education (1-3 Credits)
(May be repeated for a total of six credits.) Area of study determined by student’s need.

5400:698 Masters Problem (3 Credits)
(May be repeated for a total of six credits.) In-depth study of an instructional or curricular problem in workforce education or training. Student must be able to demonstrate critical, analytical, and problem-solving skills.

5400:699 Masters Thesis (3 Credits)
(May be repeated for a total of six credits.) Opportunity to conduct research on a problem in workforce education or training. Student must be able to demonstrate needed analytical, evaluation, and basic research skills. Credit/Non-credit.

5400:400 Adult Learning (3 Credits)
Describes characteristics of the adult learner and examines issues, factors, and strategies pertinent to successful facilitation of learning in a variety of training environments.

5400:401 Learning with Technology (3 Credits)
Application of learning technologies to situations encountered by academic and professional learners. Addresses foundational concepts of computer literacy, ethics, security, collaboration, and learning design.

5400:413 Instructional Design Profession (3 Credits)
Examination of the Instructional Design profession, its history, trends, issues and impact on Instruction Design’s future. Research on best practice in the field are explored.
5400:415 Talent Development and Training (3 Credits)
Prerequisites: 5400:401 or permission from instructor. Examine the training function within talent development from a global perspective. Explore best practices for today’s workforce. Identify emerging trends and training solutions.

5400:420 eLearning by Design (3 Credits)
Experiences in using, developing and evaluating learning technologies and media used for instructional design and training.

5400:430 Program Planning (3 Credits)
Process of program planning and evaluation for instructional design and training for a variety of adult learning organizations.

5400:435 Systematic Instructional Design in Postsecondary Education (3 Credits)
Prerequisites or corequisites: 5400:401, 5400:420, 5400:430, admission to program, or permission of instructor. Examination of instructional design models with particular emphasis of the ADDIE model. Study of applications to Instructional Design Technology.

5400:475 Instructional Delivery (3 Credits)
Prerequisite: Permission of department. Implementation of instructional design principals in the proposal, design, development, implementation, assessment and evaluation (ADDIE) of eLearning and other delivery of training courses.

5400:480 Globally Diverse Workforce (3 Credits)
Study of cultural pluralism and disability in the workplace and the best practices, as related to training in adult learning organizations.

5400:481 Special Topics: Technical Education (1-4 Credits)
See department for course description.

5400:490 Workshop: Technical Education (1-3 Credits)
Individual work under staff guidance on curriculum problems, utilization of community resources, planning of curriculum units. Delivered in a totally on-line format and face to face format with web enhancements.

5400:495 Postsecondary Education Practicum (3 Credits)
Prerequisites: 5400:400, 5400:401, 5400:405, 5400:415, 5400:420, 5400:430, 5400:435, and admission to the Postsecondary Technical Education program with a “C” or better in each 5400 course and a 2.5 or better overall GPA in 5400 courses, and an overall GPA of 2.5 or better. Directed instruction under the supervision of directing instructor and university supervisor, and development of instructional portfolio.

5400:497 Independent Study: Technical Education (1-3 Credits)
Area of study determined by student’s need.

5400:500 Postsecondary Learner (3 Credits)
Describes characteristics of the postsecondary learner; studies issues, factors, and strategies pertinent to successful facilitation of learning in a variety of postsecondary learning environments. Delivered in face to face web enhanced format and fully online format.

5400:501 Learning with Technology (1 Credit)
An overview of informational learning and research technologies used and applied in workforce education and training by practitioners/learners for learning, research and evaluation. Online format.

5400:505 Workforce Education for Youths and Adults (3 Credits)
History and operations of current workforce education for youth and adults. Includes study of social, economic, and political influences that stimulate growth and expansion of workforce education. Delivered in face to face web enhanced format and fully online format.

5400:515 Training in Business & Industry (3 Credits)
Examine the role and mission of the training function in the modern industrial setting. Foundation for students interested in industrial trainer or training supervision positions. Delivered in face to face web enhanced format and fully online format.

5400:520 Postsecondary Instructional Technology (3 Credits)
Experiences in using, developing, and evaluating instructional technologies and media used for technical instruction. Delivered in face to face web enhanced format and fully online format.

5400:530 Systematic Curriculum Design for Postsecondary Instruction (3 Credits)
Development of postsecondary curriculum using sound instructional systems design principles and instructional technologies. Delivered in face to face web enhanced format and fully online format.

5400:535 Systemic Instructional Design in Postsecondary Education (3 Credits)
Best practices in instructional strategies appropriate for postsecondary instructors. Emphasis on instructional design and learner outcome assessments. Delivered in face to face web enhanced format and fully online format.

5400:580 Special Topics: Workforce Education/Training (1-3 Credits)
(May be repeated for a maximum of 6 credit hours with a change in topic.) Group study of special topics of critical, contemporary concern in professional education.

5400:590 Workshop: Workforce Education and Training (1-3 Credits)
Individual work under staff guidance on curriculum problems, utilization of community resources, planning of curriculum units. Delivered in face to face web enhanced format and fully online format.

5400:591 Workshop: Technical Education (1-3 Credits)
Individual work under staff guidance on curriculum problems, utilization of community resources, planning of curriculum units.

5400:592 Workshop: Technical Education (1-3 Credits)
Individual work under staff guidance on curriculum problems, utilization of community resources, planning of curriculum units.

5400:605 Advanced System Design: Needs Assessment and Evaluation (3 Credits)
An examination of the instructional design in workforce education and training and supporting research in effective performance-based program needs, assessment, and evaluation processes. Delivered in face to face web enhanced format and fully online format.

5400:620 Postsecondary Teacher Leadership (3 Credits)
An examination of the role of supervisor of postsecondary instruction, facilitation and evaluation of postsecondary instructors, professional development, as well as related leadership and management issues. Delivered in face to face web enhanced format and fully online format.

5400:660 Postsecondary Distance Learning (3 Credits)
Introduction to the nature, purpose, and philosophy of distance learning; examination of current scope, history, theory, institutions, and programs of distance learning. Delivered in an online format.

5400:675 Advanced Instructional Applications Seminar (3 Credits)
Prerequisites: 5400:500, 5400:515 or 5400:600 or 5400:505, 5400:520, 5400:530, 5400:535, 5400:605, 5400:620, 5100:604 or 5100:703; admission to the technical education program. Provides an environment for students to apply learned teaching skills, evaluate their teaching abilities, and fine-tune skills before independently teaching in the field. Delivered in face to face web enhanced format and fully online format.
5400:690 Internship in Postsecondary Education (3 Credits)
Prerequisites: advisor and supervisor permission and completion of all required Technical Education coursework. Teaching of curriculum development under supervision from the University and the learning organization. Includes a seminar and portfolio development. Delivered in an online format.

5400:695 Field Experience: Masters (1-6 Credits)
On-the-job experience related to student's program of studies. Credit/Non-credit.

5400:697 Independent Study: Technical Education (1-3 Credits)
(May be repeated for a total of six credits.) Area of study determined by student's need.

5400:698 Masters Problem (3 Credits)
(May be repeated for a total of six credits.) In-depth study of an instructional or curricular problem in workforce education or training. Student must be able to demonstrate critical, analytical, and problem-solving skills.

5400:699 Masters Thesis (3 Credits)
(May be repeated for a total of six credits.) Opportunity to conduct research on a problem in workforce education or training. Student must be able to demonstrate needed analytical, evaluation, and basic research skills. Credit/Non-credit.