

SEPS - STEM Education and Professional Studies

STEM EDUCATION AND PROFESSIONAL STUDIES Courses

SEPS 100. Sales Techniques. 3 Credits.

This is an introductory course that emphasizes the concept of determining customer needs, wants, and desires and matching them to products and services for a long-term sales relationship.

SEPS 102. Advertising and Promotion. 3 Credits.

This is an introductory course designed to teach the fundamental product and service promotion processes of planning and producing advertising and promotion campaigns.

SEPS 195. Topics. 1 Credit.

Topics of current interest in the area of STEM Education and Professional Studies.

SEPS 208. Retail Merchandising and Buying. 3 Credits.

This course introduces students to the fundamentals of retail merchandising and explores retail buyers' skills and responsibilities including identifying customers and vendors, retail mathematics, buying plans, and merchandise control.

SEPS 220. The Fashion Industry. 3 Credits.

Course is designed for marketing education and fashion students. It covers fashion as a force which alters patterns of change and growth in the fashion industry to include designers, manufacturers, buyers, retailers, and customers. Students explore the latest trends in style and materials.

SEPS 234. Survey of Dress and Costume. 3 Credits.

Whether high fashion or low, glitz or grunge, from revolutionary politics to the new machine age, war and depression to growth and prosperity, fashion dress and costume goes hand-in-hand with history. This course examines the evolution of dress and costume and finds innovation at every turn.

SEPS 295. Topics. 1 Credit.

Topics of current interest in the area of STEM Education and Professional Studies.

SEPS 297. Observation and Participation. 1 Credit.

Students observe middle and/or high school classes for 30 clock hours. Assist teachers and students in practical settings. Relate principles and theories of education and specialty content to actual practice in the classrooms and schools. Attend seminars related to contemporary school practices. Prerequisites: sophomore standing.

SEPS 302. Workforce Supervision. 3 Credits.

Explores the skills and knowledge required of successful supervisors: leading, motivating, setting goals, delegating, budgeting, interviewing, negotiating, counseling, coaching, conducting meetings, and handling grievances. Prerequisite: junior standing or permission of the instructor.

SEPS 303. Social Aspects of Clothing. 3 Credits.

A study of the social meaning of appearance, how it is established, how it is interpreted, and the importance of the social and cultural contexts in which these processes occur. Prerequisite: SEPS 220 or SEPS 208 and junior standing or permission of instructor.

SEPS 355. Fashion Consumer Behavior. 3 Credits.

This course is designed to enhance a student's understanding of what drives customers' wants and needs for fashion merchandise. Students examine the forces that affect consumer buying behavior and how they relate to the marketing of fashion. Prerequisites: SEPS 208 and SEPS 220.

SEPS 367. Cooperative Education. 1-3 Credits.

Student participation for credit based on the academic relevance of the work experience, criteria, and evaluative procedures as formally determined by the department and the Cooperative Education program prior to the semester in which the work experience is to take place. Prerequisite: approval by the department in accordance with the policy for granting credit for Cooperative Education programs.

SEPS 389. Education and Training of Adults. 3 Credits.

An in-depth overview of education and training of adults. Attention is given to adult learning theory and strategies for facilitating the learning process. Aspects of the course will focus on helping students understand and visualize jobs and careers in adult education and training. Prerequisite: junior standing or permission of the instructor.

SEPS 395. Topics in Occupational Education. 1-3 Credits.

The department offers selected topics designed to permit small groups of qualified students to work on subjects of mutual interest. Prerequisite: permission of the instructor.

SEPS 400/500. Instructional Systems Development. 3 Credits.

Students learn how to design and develop classroom instructional materials including career and technical education and training curricula and programs for youths and adults. Skills in this area include the selection and use of materials, including media and computers and evaluation of pupil performance. Training specialist students learn to develop instructional materials using the instructional systems design process. Career and technical education students learn to plan instruction, to implement competency-based and standards-based education, and to modify and use the Virginia career and technical education curriculum guides. Prerequisite: junior standing.

SEPS 401/501. Foundations of Career and Technical Education. 3 Credits.

This course is designed to teach career and technical education majors to plan, develop, and administer a comprehensive program of career and technical education for high school students and adults. Students also develop an understanding of the historical and sociological foundations underlying the role, development and organization of public education in the United States. Prerequisite: junior standing.

SEPS 402/502. Instructional Methods in Occupational Studies. 3 Credits.

Designed to develop a student's ability to use basic instructional techniques and methods applicable to career and technical education, and adults in business, government, and industrial organizations. It involves videotaped micro-teaching demonstrations and presentations. Prerequisite: SEPS 400.

SEPS 403/503. Methods in Career and Technical Education. 3 Credits.

A practical study and application of recommended methods of teaching career and technical education to high school students. Video-taped micro-teaching demonstrations are included. The course should be taken the semester prior to student teaching. Prerequisite: junior standing.

SEPS 405. Directed Work Experience. 4 Credits.

Student must be employed the summer prior to his/her senior year in an emphasis-related job approved by the instructor. The student work is supervised by a job supervisor and the course instructor in a cooperative effort. Must complete a job package that describes all aspects of the organization. Prerequisites: junior standing.

SEPS 408/508. Advanced Classroom Issues and Practices in Career and Technical Education. 3 Credits.

An overview of classroom issues and practices for prospective career and technical teachers. The course covers classroom management and safety, communication processes, reading in the content area and child abuse and neglect recognition and intervention. Students learn the legal requirements and alternative teaching strategies for serving students with special needs. Students visit schools for a 30-hour student observation. PRAXIS II and VCLA are course completion requirements. Prerequisite: admission to an approved teacher education program.

SEPS 409/509. Fashion Forecasting Market Trip. 3 Credits.

This is the study of planning and conducting a fashion buying trip to one of the major fashion markets in the United States like the Las Vegas Magic Trade Show. The students envision themselves as buyers in action and learn how trend forecasting and creative presentations help market fashion products and services to trade customers and consumers. Prerequisite: SEPS 208.

SEPS 410/510. The Foreign Fashion Market Trip. 3 Credits.

Students plan and conduct a fashion buying trip to a foreign market in Europe or Asia, and learn how to buy merchandise in the global marketplace. The course requires students to go on the trip as well as attend the pre- and post-trip classes. Prerequisite: SEPS 208.

SEPS 415. Advanced Merchandising. 3 Credits.

This course is designed for marketing education and fashion students. It includes advanced merchandising math concepts used in the merchandising industry. Topics include pricing and re-pricing merchandise, creating and analyzing six-month plans, maintaining inventory control, and solving problems that are typically experienced in the merchandising field. Prerequisite: SEPS 208.

SEPS 420. Fashion Research. 3 Credits.

This course is designed to apply diverse research methods to explore the complex dynamics in fashion. Utilizing an interdisciplinary approach, students will engage in diverse topics in fashion bridging the gap between theory and practice. Prerequisites: SEPS 208 and SEPS 220.

SEPS 422. Fashion Product Development. 3 Credits.

Students work step-by-step through the preproduction processes of apparel product development: planning, forecasting, fabricating, developing silhouettes and specifications, pricing, and sourcing. The course demonstrates how these processes must be coordinated to get the right product to retail when consumers want it and at a price they are willing to pay. Prerequisites: SEPS 208 and SEPS 220.

SEPS 423/523. Visual Merchandising and Display. 3 Credits.

This course is designed to introduce students to the best practices and effective strategies in visual merchandising. It will provide the basic framework with which prospective merchandisers plan and construct visual displays that enhance the selling of merchandise and ideas. Prerequisite: junior standing or permission of the instructor.

SEPS 424/524. Fashion, Textiles, and Construction Analysis. 3 Credits.

This course explores information related to new technological advances in the textile/apparel industry and determines consumer preferences and concepts of fashion product quality. It includes the development of standards for judging qualities of merchandise. Fabrics are examined to determine the value they provide to the apparel and accessories customer. Prerequisite: junior standing or permission of the instructor.

SEPS 427. Fashion Marketing. 3 Credits.

This course explains key concepts of fashion marketing and illustrates how they are applied within the fashion industry. Using examples and case studies, students will examine how marketers develop and apply strategies that meet consumer needs for fashion products. Prerequisites: SEPS 208 and SEPS 220.

SEPS 430/530. Technology Applications in Training. 3 Credits.

This course is designed to prepare training professionals to plan and conduct training using technological applications. The course covers instructional technology skills, computer systems, and software that trainers need so that they can teach basic computer and information skills in business, industry and government. Prerequisite: junior standing.

SEPS 431/531. Web-Based Organization for Fashion. 3 Credits.

This course provides the basic communications foundations needed to conceive, plan, develop, implement, and maintain a Web-based organization for fashion. Upon completion, students will understand what is required to plan, launch and maintain a successful online venture, limited only by the willingness of the student to explore these technological advances. Prerequisite: STEM 251G.

SEPS 435/535. International Retailing. 3 Credits.

This course examines globalization and the development of an integrated global economy. Primary emphasis is placed on the strategies for successful global business expansion for retailers in international markets. Prerequisites: SEPS 220 or SEPS 208.

SEPS 440/540. Fashion Global Sourcing/Supply Chain Management. 3 Credits.

This course examines the role of global sourcing in the strategic positioning of retailers in the global economy. Emphasis is placed on economic, political, logistical, and ethical factors affecting world trade and global sourcing decisions. Prerequisite: SEPS 220 or SEPS 208.

SEPS 450/550. Assessment, Evaluation and Improvement. 3 Credits.

This course prepares training and educational professionals to plan for and conduct assessments to use in planning instructional programs, evaluate individual learning, monitor student progress, measure program effectiveness and efficiency, and evaluate the return on investments of training courses and programs. Prerequisite: junior standing.

SEPS 456. E-Commerce and Social Media in Fashion. 3 Credits.

This course is designed to understand the expanding fields of e-commerce and social media. It will focus on examining features available in social media and the web/mobile technologies and their ability to improve fashion marketing strategies. Prerequisites: SEPS 208 and SEPS 220.

SEPS 471/571. Communication Industries. 3 Credits.

A course designed to provide career and technical education teachers, industrial technologists, counselors, and administrators an opportunity to observe and enhance their knowledge of representative communication industries from the local region. Prerequisite: junior standing and industrial technology major for 471.

SEPS 472/572. Construction Industries. 3 Credits.

A course designed to provide career and technical education teachers, industrial technologists, counselors, and administrators an opportunity to observe and enhance their knowledge of representative construction industries from the local region. Prerequisite: junior standing and industrial technology major for 472.

SEPS 480. Senior Project: Merchandise Retailing. 3 Credits.

A senior capstone course in which fashion and business knowledge and skills are applied to plan and implement a merchandise retailing business. Students must submit a professional quality written report and present results to a panel of consultants. Course to be taken final semester before graduation.

SEPS 481. Occupational Career Transition. 3 Credits.

To provide the senior-level student majoring in occupational and technical studies with the skills and techniques necessary to bridge the gap from college to career. Focus is on the generation of a professional portfolio and experiential learning that will transfer into today's job market. This course should be taken in the final semester before graduation. Prerequisites: Senior standing.

SEPS 484/584. Student Teaching Mentored. 6-12 Credits.

Classroom placement in school systems for students to apply content and methodologies. The student is mentored by a school mentor and university faculty. This course is for newly hired teachers on provisional contracts. Prerequisites: completion of the approved teacher education program in the major area, departmental approval, and permission of the director of teacher education services; passing scores on PRAXIS I or State Board of Education-approved SAT or ACT scores and passing scores on the appropriate PRAXIS II content examination required.

SEPS 485. Student Teaching. 12 Credits.

Five days per week, full semester. Available for pass/fail grading only. Prerequisites: completion of the approved teacher education program in the major area, departmental approval, passing scores on PRAXIS I or State Board of Education-approved SAT or ACT scores, passing scores on the appropriate PRAXIS II content examination, and permission of the director of teacher education services.

SEPS 486/586. Middle School Student Teaching for Technical Education. 6 Credits.

Classroom placement for student teaching in a middle school technology laboratory. Students apply content and methodology under the supervision of a cooperating teacher and university faculty member. Available for pass/fail grading only. Prerequisites: STEM 305, STEM 306, SEPS 408, SPED 313, TLED 408 and SEPS 450; or SEPS 508, SEPS 596, STEM 730, SEPS 788, TLED 608, TLED 616, READ 680 for graduate students; passing scores on PRAXIS I or State Board of Education-approved SAT or ACT scores and passing scores on the appropriate PRAXIS II content examination are required.

SEPS 488. High School Student Teaching for Technical Education. 6 Credits.

Classroom placement for student teaching in a high school technology laboratory. Students apply content and methodology under the supervision of a cooperating teacher and university faculty member. Available for pass/fail grading only. Prerequisites: STEM 305, STEM 306, SEPS 408, SPED 313, TLED 408, SEPS 450, passing scores on PRAXIS I or State Board of Education-approved SAT or ACT scores, and passing scores on the appropriate PRAXIS II content examination.

SEPS 495/595. Topics in Occupational Education. 1-3 Credits.

The department offers selected topics designed to permit small groups of qualified students to work in subjects of mutual interest which, due to their specialized nature, may not be offered regularly. Prerequisite: permission of the instructor.

SEPS 496/596. Topics in Career and Technical Education. 1-3 Credits.

The department offers selected topics designed to permit small groups of qualified students to work in subjects of mutual interest which, due to their specialized nature, may not be offered regularly. Prerequisites: permission of the instructor.

SEPS 497/597. Independent Study in Occupational Education. 1-6 Credits.

Independent study. Prerequisite: permission of the instructor.

SEPS 498. Independent Study in Occupational Education. 1-6 Credits.

Independent study. Prerequisite: permission of the instructor.

SEPS 500. Instructional Systems Development. 3 Credits.

Students learn how to design and develop classroom instructional materials including career and technical education and training curricula and programs for youths and adults. Skills in this area include the selection and use of materials, including media and computers and evaluation of pupil performance. Training specialist students learn to develop instructional materials using the instructional systems design process. Career and technical education students learn to plan instruction, to implement competency-based and standards-based education, and to modify and use the Virginia career and technical education curriculum guides.

SEPS 501. Foundations of Career and Technical Education. 3 Credits.

This course is designed to teach career and technical education majors to plan, develop, and administer a comprehensive program of career and technical education for high school students and adults. Students also develop an understanding of the historical and sociological foundations underlying the role, development and organization of public education in the United States.

SEPS 502. Instructional Methods in Occupational Studies. 3 Credits.

Designed to develop a student's ability to use basic instructional techniques and methods applicable to career and technical education, and adults in business, government, and industrial organizations. It involves videotaped micro-teaching demonstrations.

SEPS 503. Methods in Career and Technical Education. 3 Credits.

A practical study and application of recommended methods of teaching career and technical education to high school students. Video-taped micro-teaching demonstrations are included. The course should be taken the semester prior to student teaching.

SEPS 508. Advanced Classroom Issues and Practices in Career and Technical Education. 3 Credits.

An overview of classroom issues and practices for prospective career and technical teachers. The course covers classroom management and safety, communication processes, reading in the content area and child abuse and neglect recognition and intervention. Students learn the legal requirements and alternative teaching strategies for serving students with special needs. Students visit schools for a 30-hour student observation. PRAXIS II completion is a course requirement. Prerequisites: junior standing and passing scores on PRAXIS I or State Board of Education-approved SAT or ACT scores.

SEPS 509. Fashion Forecasting Market Trip. 3 Credits.

This is the study of planning and conducting a fashion buying trip to one of the major fashion markets in the United States like the Las Vegas Magic Trade Show. The students envision themselves as buyers in action and learn how trend forecasting and creative presentations help market fashion products and services to trade customers and consumers.

SEPS 510. The Foreign Fashion Market Trip. 3 Credits.

Students plan and conduct a fashion buying trip to a foreign market in Europe or Asia, and learn how to buy merchandise in the global marketplace. The course requires students to go on the trip as well as attend the pre- and post-trip classes. Prerequisite: SEPS 208.

SEPS 511. Fashion Show Production. 3 Credits.

Students plan and produce a fashion show. They examine each behind-the-scenes step from concept to execution as they organize and stage a show that is profitable, entertaining, and aesthetically pleasing.

SEPS 523. Visual Merchandising and Display. 3 Credits.

This course is designed to introduce students to the best practices and effective strategies in visual merchandising. It will provide the basic framework with which prospective merchandisers plan and construct visual displays that enhance the selling of merchandise and ideas. Prerequisite: permission of the instructor.

SEPS 524. Fashion, Textiles, and Construction Analysis. 3 Credits.

This course explores information related to new technological advances in the textile/apparel industry and determines consumer preferences and concepts of fashion product quality. It includes the development of standards for judging qualities of merchandise. Fabrics are examined to determine the value they provide to the apparel and accessories customer. Prerequisite: permission of the instructor.

SEPS 530. Technology Applications in Training. 3 Credits.

This course is designed to prepare training professionals to plan and conduct training using technological applications. The course covers instructional technology skills, computer systems, and software that trainers need so that they can teach basic computer and information skills in business, industry and government.

SEPS 531. Web-Based Organization for Fashion. 3 Credits.

This course provides the basic communications foundations needed to conceive, plan, develop, implement, and maintain a Web-based organization for fashion. Upon completion, students will understand what is required to plan, launch and maintain a successful online venture, limited only by the willingness of the student to explore these technological advances.

SEPS 535. International Retailing. 3 Credits.

This course examines globalization and the development of an integrated global economy. Primary emphasis is placed on the strategies for successful global business expansion for retailers in international markets.

SEPS 540. Fashion Global Sourcing/Supply Chain Management. 3 Credits.

This course examines the role of global sourcing in the strategic positioning of retailers in the global economy. Emphasis is placed on economic, political, logistical, and ethical factors affecting world trade and global sourcing decisions.

SEPS 550. Assessment, Evaluation and Improvement. 3 Credits.

This course prepares training and educational professionals to plan for and conduct assessments to use in planning instructional programs, evaluate individual learning, monitor student progress, measure program effectiveness and efficiency, and evaluate the return on investments of training courses and programs.

SEPS 571. Communication Industries. 3 Credits.

A course designed to provide career and technical education teachers, industrial technologists, counselors, and administrators an opportunity to observe and enhance their knowledge of representative communication industries from the local region. Prerequisites: junior standing and industrial technology major for 471.

SEPS 572. Construction Industries. 3 Credits.

A course designed to provide career and technical education teachers, industrial technologists, counselors, and administrators an opportunity to observe and enhance their knowledge of representative construction industries from the local region. Prerequisites: junior standing and industrial technology major for 472.

SEPS 584. Student Teaching Mentored. 6-12 Credits.

Classroom placement in school systems for students to apply content and methodologies. The student is mentored by a school mentor and university faculty. This course is for newly hired teachers on provisional contracts. Prerequisites: completion of the approved teacher education program in the major area, departmental approval, and permission of the director of teacher education services; passing scores on PRAXIS I or State Board of Education-approved SAT or ACT scores and passing scores on the appropriate PRAXIS II content examination required.

SEPS 586. Middle School Student Teaching for Technical Education. 6 Credits.

Classroom placement for student teaching in a middle school technology laboratory. Students apply content and methodology under the supervision of a cooperating teacher and university faculty member. Available for pass/fail grading only. Prerequisites: STEM 305, 306, SEPS 408, SPED 313, TLED 408 and SEPS 450; or SEPS 508, 596, STEM 730, SEPS 788, TLED 608, 616, READ 680 for graduate students; passing scores on PRAXIS I or State Board of Education-approved SAT or ACT scores and passing scores on the appropriate PRAXIS II content examination are required.

SEPS 595. Topics in Occupational Education. 1-3 Credits.

The department offers selected topics designed to permit small groups of qualified students to work in subjects of mutual interest which, due to their specialized nature, may not be offered regularly. Prerequisite: permission of the instructor.

SEPS 596. Topics in Career and Technical Education. 1-3 Credits.

The department offers selected topics designed to permit small groups of qualified students to work in subjects of mutual interest which, due to their specialized nature, may not be offered regularly. Prerequisite: permission of the instructor.

SEPS 597. Independent Study in Occupational Education. 1-6 Credits.

Independent study. Prerequisite: permission of the instructor.

SEPS 603. Planning Issues for Vocational Special Needs Programs. 3 Credits.

Overview of vocational special needs programs and services including their purposes and practices; characteristics of special populations, including the medical and educational aspects of disability.

SEPS 604. Implementation and Administration of Vocational Special Needs Programs. 3 Credits.

This course includes career/life planning, transitioning, occupational information, and delivery of cooperative education programs, instructional methods, and curriculum modification and resources available to support vocational special needs programs.

SEPS 606. Vocational Evaluation Processes. 3 Credits.

Lecture 3 hours; 3 credits. This course includes the basic concepts and skills of planning for and delivering vocational evaluation and career assessment services, the use of vocational interviewing, individualized service planning, report development and communication, and use of modifications and accommodations. Students practice specific assessment techniques and skills and the processes used in vocational evaluation and career assessment, including job and training analysis, work samples and systems, situational and community-based assessment, behavioral observation, and learning and functional skills assessment.

SEPS 635. Research Methods in Occupational and Technical Studies. 3 Credits.

Types of research, selection of problems, location of educational information, collection and classification of data, organization, presentation, and interpretation of findings. The focus is on conducting research in the student's content specialty area.

SEPS 636. Problems in Occupational and Technical Studies. 3 Credits.

Taken the last semester of graduate work. Practice in the use of statistical and analytical techniques in solving problems in occupational and technical studies related to secondary, community college, and training environments. Prerequisites: FOUN 612.

SEPS 695. Topics in Occupational Education. 1-3 Credits.

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The department offers selected topics designed to permit groups of qualified students to work on subjects of mutual interest which, due to their specialized nature, may not be offered regularly.

SEPS 697. Independent Study in Occupational Education. 1-3 Credits.

Individual study under the supervision of a graduate faculty member. Prerequisites: permission of the instructor.

SEPS 698. Thesis in Occupational Education. 3-6 Credits.

Research and writing of the master's thesis and scheduled conferences with the candidate's advisor. Prerequisite: permission of the advisor.

SEPS 740. Readings in Occupational and Technical Studies. 3 Credits.

A guided review of the literature to determine the history, development, and issues of occupational and technical education, including specialization in technology education, career and technical education specialties, and human resources training.

SEPS 750. Trends and Issues in Training: Modeling and Simulation. 3 Credits.

This course is designed to explore the issues and trends in developing and implementing technology-based training with emphasis on modeling and simulation.

SEPS 760. Trends and Issues in Occupational Education. 3 Credits.

This course prepares training and educational professionals to plan for and conduct assessments to use in planning research findings and issues related to tech prep and other articulated programs being established in secondary schools, community colleges, and four-year institutions. Prerequisites: junior standing.

SEPS 761. Foundations of Adult Education and Training. 3 Credits.

This course is a study of adult education and training in many settings including the community college, business, industry, labor, government, the military, and social service agencies of many types. An attempt will be made to assess the important trends or directions such activities are taking, including the needs of non-traditional learners and education and labor.

SEPS 762. Administration and Management of Education and Training Programs. 3 Credits.

This course deals with organizational policy, human and financial resources, facilities, and the planning process as applied to occupational education and adult training programs.

SEPS 765. Trends and Issues of Economic and Workforce Development. 3 Credits.

An analysis of economic trends and issues that lead to workforce development decisions. Focus is on planning for educational and training programs to meet workforce needs dictated by local and regional economic issues. This course is designed for community college and school system personnel. Prerequisite: student must be accepted into doctoral program or have permission of the instructor.

SEPS 780. Administration and Supervision of Occupational Education. 3 Credits.

Study of the principles and practices of administering and supervising occupational education programs.

SEPS 785. Curriculum Development in Occupational Education and Training. 3 Credits.

A course designed to prepare students to design and develop curriculum for occupational education and training courses and programs. Included is a focus on articulation between secondary and post-secondary curriculum.

SEPS 787. Career and Technical Education Curriculum. 3 Credits.

Learn the various curriculum options taught in secondary schools under the auspices of career and technical education. Work from an administrative standpoint to learn the mission and goals of the various subject areas and plan to direct such efforts.

SEPS 788. Instructional Strategies for Innovation in Training and Occupational Education. 3 Credits.

Learning and teaching styles are considered as a basis for developing instructional strategies to maximize occupational and technical education at all levels, including secondary, the community college, and senior institutions. Relevant learning theories and knowledge of self, learner, and the environment are blended to enhance the participants' instructional strategies.

SEPS 789. Instructional Technology in Education and Training. 3 Credits.

A course that provides insights about trends, issues, and the applications of instructional technologies as they may be applied to education and training environments. Topics include selected technical processes and electronic media to solve practical problems in educations and training.

SEPS 790. Practicum in Occupational Education. 3 Credits.

Individually prescribed instruction under the supervision of a graduate faculty member. Study intended to professionally fulfill development of graduate candidates. Prerequisite: permission of the graduate program director.

SEPS 795. Topics in Occupational Education. 1-3 Credits.

The department offers selected topics designed to permit groups of qualified students to work on subjects of mutual interest which, due to their specialized nature, may not be offered regularly.

SEPS 797. Independent Study in Occupational Education. 1-6 Credits.

Individual study under the supervision of a graduate faculty member. Prerequisite: Permission of the instructor.

SEPS 835. Research Design for Occupational and Technical Studies. 3 Credits.

Analyses of current research and needs in occupational and technical studies. Students analyze the literature and develop a research focus for future graduate studies.

SEPS 840. Readings in Occupational and Technical Studies. 3 Credits.

A guided review of the literature to determine the history, development, and issues of occupational and technical education, including specialization in technology education, career and technical education specialties, and human resources training.

SEPS 850. Trends and Issues in Training: Modeling and Simulation. 3 Credits.

This course is designed to explore the issues and trends in developing and implementing technology-based training with emphasis on modeling and simulation.

SEPS 860. Trends and Issues in Occupational Education. 3 Credits.

Trends in philosophy, workforce needs, curriculum and teaching procedures in occupational and technical education. Analysis of research findings and issues related to tech prep and other articulated programs being established in secondary schools, community colleges, and four-year institutions.

SEPS 861. Foundations of Adult Education and Training. 3 Credits.

This course is a study of adult education and training in many settings including the community college, business, industry, labor, government, the military, and social service agencies of many types. An attempt will be made to assess the important trends or directions such activities are taking, including the needs of non-traditional learners and education and labor.

SEPS 862. Administration and Management of Education and Training Programs. 3 Credits.

This course deals with organizational policy, human and financial resources, facilities, and the planning process as applied to occupational education and adult training programs.

SEPS 865. Trends and Issues of Economic and Workforce Development. 3 Credits.

An analysis of economic trends and issues that lead to workforce development decisions. Focus is on planning for educational and training programs to meet workforce needs dictated by local and regional economic issues. This course is designed for community college and school system personnel. Prerequisite: student must be accepted into doctoral program or have permission of the instructor.

SEPS 868. Internship. 3 Credits.

Supervised assignment to an agency operating an occupational education or training program. Prerequisite: permission of the instructor.

SEPS 880. Administration and Supervision of Occupational Education. 3 Credits.

Study of the principles and practices of administering and supervising occupational education programs.

SEPS 885. Curriculum Development in Occupational Education and Training. 3 Credits.

A course designed to prepare students to design and develop curriculum for occupational education and training courses and programs. Included is a focus on articulation between secondary and post-secondary curriculum.

SEPS 887. Career and Technical Education Curriculum. 3 Credits.

Learn the various curriculum options taught in secondary schools under the auspices of career and technical education. Work from an administrative standpoint to learn the mission and goals of the various subject areas and plan to direct such efforts.

SEPS 888. Instructional Strategies for Innovation in Training and Occupational Education. 3 Credits.

Learning and teaching styles are considered as a basis for developing instructional strategies to maximize occupational and technical education at all levels, including secondary, the community college, and senior institutions. Relevant learning theories and knowledge of self, learner, and the environment are blended to enhance the participants' instructional strategies.

SEPS 889. Instructional Technology in Education and Training. 3 Credits.

A course that provides insights about trends, issues, and the applications of instructional technologies as they may be applied to education and training environments. Topics include selected technical processes and electronic media to solve practical problems in educations and training.

SEPS 890. Practicum in Occupational Education. 3 Credits.

Individually prescribed instruction under the supervision of a graduate faculty member. Study intended to professionally fulfill development of graduate candidates. Prerequisites: permission of the graduate program director.

SEPS 895. Topics in Occupational Education. 1-3 Credits.

The department offers selected topics designed to permit groups of qualified students to work on subjects of mutual interest which, due to their specialized nature, may not be offered regularly.

SEPS 897. Independent Study in Occupational Education. 1-6 Credits.

Individual study under the supervision of a graduate faculty member.

Prerequisite: Permission of the instructor.

SEPS 899. Dissertation in Occupational Education. 1-12 Credits.

Work on pre-selected dissertation topics under the direction of dissertation committee chair. Prerequisite: permission of dissertation committee chair.

SEPS 998. Master's Graduate Credit. 1 Credit.

This course is a pass/fail course for master's students in their final semester.

It may be taken to fulfill the registration requirement necessary for graduation. All master's students are required to be registered for at least one graduate credit hour in the semester of their graduation.

SEPS 999. Doctoral Graduate Credit. 1 Credit.

This course is a pass/fail course doctoral students may take to maintain active status after successfully passing the candidacy examination. All doctoral students are required to be registered for at least one graduate credit hour every semester until their graduation.