

# Career and Technical Education (CATE)

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## Courses

### **CATE 5003. Introduction to Professionalism. 3 Hours.**

This course examines the principles and concepts of professionalism in the teaching profession, with an emphasis on developing professional concepts in the profession. Added emphasis is on career and technical education organizations. Prerequisite: Admission to the CATE teacher education program. (Typically offered: Fall)

### **CATE 5013. Teaching Strategies. 3 Hours.**

This course is designed to offer a variety of ideas and experiences concerning methods of teaching, planning and presenting instruction. (Typically offered: Fall)

### **CATE 5016. Cohort Teaching Internship. 6 Hours.**

A minimum of 12 weeks will be spent in an off-campus school, at which time the intern will have an opportunity under supervision to observe, to teach, and to participate in other activities involving the school and the community. Prerequisite: Admission to the College of Education and Health Professions Teacher Education and CATE Master's program. (Typically offered: Spring)

### **CATE 5023. Classroom Management. 3 Hours.**

(Formerly CATE 4023.) Theory and techniques in classroom management, including professional ethics and school policies related to students, faculty and programs. Graduate degree credit will not be given for both CATE 4023 and CATE 5023. Prerequisite: CATE 3103. (Typically offered: Fall)

### **CATE 5033. Assessment/Program Evaluation. 3 Hours.**

An introduction to constructing, evaluating, and interpreting tests; descriptive and inferential statistics; state competency testing; and guidelines for state program evaluations. Prerequisite: Graduate standing. (Typically offered: Fall)

### **CATE 5073. Introduction to Teaching Programming in the Secondary Schools. 3 Hours.**

(Formerly CATE 4073.) This course provides an introduction to the foundations of teaching methods for computer programming in the secondary schools. Methods of computer programming instruction will include teaching strategies in coding, developing computational thinking, problem-solving skills, and applying key programming concepts. This is an introductory level course. No prerequisites are required. Graduate degree credit will not be given for both CATE 4073 and CATE 5073. Corequisite: Lab component. (Typically offered: Irregular)

### **CATE 5443. Teaching Career Development in Public Schools. 3 Hours.**

This course provides a study of curricula, methods, and techniques involved in teaching career development as related to the 16 occupational clusters. Successful completion of this course is required for licensed teachers to earn their 418 Career Development endorsement. Corequisite: Lab component. (Typically offered: Summer)

### **CATE 5463. Applications in Career Orientation. 3 Hours.**

Student is introduced to various teaching methods and techniques of managing hands-on activities in career orientation class setting. (Typically offered: Summer)

### **CATE 5503. Trends and Issues in Technology Education. 3 Hours.**

A comprehensive technology education methods course pertaining to the teaching of standards-based curriculum materials. (Typically offered: Fall, Spring and Summer)

### **CATE 5543. Technology for Teaching and Learning. 3 Hours.**

A study of computer technology as it relates to teacher education. This course concentrates on knowledge and performance and includes hands-on technology activities that can be incorporated in an educational setting. Students interact with the instructor and other students via BlackBoard and engage in weekly discussions and acquire hands-on computer technology experience. (Typically offered: Fall and Summer)

### **CATE 5803. Teaching Apparel Production to Secondary Students. 3 Hours.**

This course prepares students to teach apparel production concepts to students in secondary school settings. Topics to be covered include clothing selection, textiles, clothing care and laundry, clothing construction, and careers and technology. Problem- and project-based learning will provide the foundation for content delivery in this course. The focus on this course is on preparing preservice teachers in secondary schools to teach apparel production utilizing a variety of teaching methods. Corequisite: Lab component. (Typically offered: Spring)