

NAU CTE Course Cross Reference for ADE Certification

Course Number	Old Course Number	Course Name	Course Description	Principles and Philosophies of Career & Technical Education	Operation of a Vocational Student Organization	Methods of Teaching	Curriculum Design/Teaching	Instructional Technology	Vocational Classroom Management	Laboratory Safety	Educational Philosophy
CTE 205	VTE 205	Media Communications	Provides a general introduction to the design, planning, and production of media used in contemporary society					X			
CTE 206	VTE 310	Graphic Communication Systems	Provide an introduction to the graphic communication field					X			
CTE 291	VTE 491	Lab Management	Facility safety, planning, equipment layout and use, control of resources, instructional efficiency and similar topics related to business, technology, and trade and industrial facilities						X	X	
CTE 292	VTE 392	Accident Prevention	Development of the safety movement; background useful for handling problems and procedures of typical school, industrial, transportation, civil defense, and emergency safety programs						X	X	
CTE 300	VTE 100	Comprehensive Career and Technical Education Programs	Explores the comprehensive career and technical education programs, competencies, sequencing funding, performance standards and data reporting	X			X				X
CTE 301	VTE 201	Integration of Teaching and Learning (3)	Teaching and learning strategies in the career and technical education classroom including learning styles, cooperative learning, and total quality management			X	X		X		
CTE 305	VTE 105	Communication Systems in Career and Technical Education	General introduction to technical communication systems and processes within the communication industry and strategies for teaching them in an education environment			X	X				
CTE 310	VTE 110	Construction Systems in Career and Technical Education	Provides a working understanding of the key elements associated with designing, planning, and constructing a structure on site and strategies for teaching them in an education environment			X	X				
CTE 315	VTE 115	Manufacturing Systems in Career and Technical Education	Provides a general introduction to the material processing and management components of a manufacturing activity and strategies for teaching them in an education environment			X	X				
CTE 320	VTE 120	Transportation Systems in Career and Technical Education	Studies transportation systems dealing with the methods by which we move people and goods through various environments and strategies for teaching them in an education environment			X	X				
CTE 330	VTE 330	Contemporary Career and Technical Education Programs	Experimental and innovative curriculum, program, methodology and facility approaches used in career and technical education classrooms			X	X			X	
CTE 340w	VTE 340w	Research and Development in Career and Technical Education	Examines principles and concepts or writing and research in career and technical education. This course meets the University Junior level writing requirement	X							X
CTE 350	VTE 101	Introduction to Career and Technical Education Enterprises	Study of the technological systems as they relate to their evolution and use and significance to societal needs					X			
CTE 355	VTE 155	Computer Applications for CTE Teachers	Appropriate classroom use of the computer in career and technical education					X			
CTE 398	VTE 298	Advanced Computer Applications (1-3)	In-depth study of an aspect, concept, or problem related to classroom computer applications					X			
CTE 399	VTE 399	Modular Learning Experience	In-depth study of an aspect, concept, or problem				X				
CTE 408	VTE 408	Fieldwork Experience	Supervised field experience in an appropriate agency or organization	X		X					
CTE 431	VTE 431	Presentation of Technical Material in Career and Technical Education	Selection, design, and production of instructional media			X	X	X			
CTE 433	VTE 433	Program and Curriculum Planning in Career and Technical Education	Methods of gathering and analyzing information necessary for establishing responsive comprehensive career and technical education programs	X			X				
CTE 465	VTE 465	Methods of Career and Technical Education	Examines philosophy and teaching methods, preparation and use of instructional material, and evaluation in Agriculture Ed., Business Ed., Family and Consumer Ed., Health Careers Ed., Industrial Technological Ed., and Marketing Ed.	X		X	X		X	X	
CTE 486	VTE 486	Multimedia Development	Examines advanced principles and concepts of computer applications related to multimedia development and teaching. Emphasis on using a computer to design, develop, test, and analyze student-created learning and presentation applications				X	X			
CTE 496	VTE 496	Career and Technical Student Organizations	The exploration, integration, and use of student organizations in comprehensive career and technical education programs		X						
CTE 499	VTE 499	Contemporary Developments	Examines recent trends and investigations in a selected area of a particular major field of study	X							
CTE532	VTE532	Special Needs Populations in Career and Technical Education	Understanding the identification, assessment, counseling, and planning processes for special needs populations in career and technical education				X				

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CTE560	VTE560	Occupational and Work-Force Analysis	Identifies various elements of occupations and the work force for developing meaningful programs and courses				X					
CTE561	VTE561	Facilities Design	Design and layout of facilities to promote efficient instruction in career and technical education. Includes planning for equipment and other resources						X	X		
CTE576*	VTE566	Coordinating Cooperative Programs in Career and Technical Education	Responsibilities of the coordinator; techniques in selection and improvement of training stations and relations with training sponsors	X	X	X	X		X	X		
CTE583	VTE583	Career and Technical Student Services	Recruitment and admission of students, provision of systematic guidance, and placement and follow-up services for effective career and technical education programs				X					
CTE591	VTE591	History and Philosophy of Career and Technical Education	Historical and philosophical development of career and technical education	X								X
CTE592	VTE592	Program Planning and Curriculum Development in Career and Technical Education	Program development, including courses of study, syllabi, lesson plans, teaching plans, instructional materials, and course evaluation	X			X					
CTE593	VTE593	Teacher Inservice Workshop	Topical instruction involving exchange of ideas, practical methods, skills, and principles. You may count up to 6 hours of 593 toward your graduate program				X		X			
CTE594	VTE594	Career and Technical Guidance	Procedures for assisting individuals in choice, preparation, entrance and advancement in occupations	X								
CTE595	VTE595	Evaluation in Career and Technical Education	Process of evaluating career and technical education programs				X					
CTE599	VTE599	Contemporary Developments	Examines recent trends and investigations in a selected area of a particular major field of study	X								
CTE608	VTE608	Field Work Experience	Supervised field experience in an appropriate agency, organization, or situation	X			X					
CTE670	VTE670	Adult Learners	Planning for teaching and administering programs to meet the special needs of adult learners and overall community needs							X		
CTE691	VTE691	Research in Career and Technical Education	Understanding research in education and using research techniques. Problem identification, methodology, data collection, analysis, and reporting. Emphasizes research in career and technical education	X								X
CTE692	VTE692	Instructional Management for Career and Technical Education	Instructional management of career and technical education programs through academic-vocational integration, total quality management, cooperative learning, the Arizona model for career and technical education, outcome-based education, and computer-delivered instruction	X			X	X	X	X	X	
CTE696	VTE696	School and Community Relations in Career and Technical Education	Educator's role in promoting effective school-community relations through written and oral information and various ways to actively involve external and internal publics in the education system	X								

*This class also meets the Coop Endorsement requirement

These classes MAY be accepted by ADE on a case-by-case basis. They will need additional information from the instructor on what work was completed in the course.

CTE 497	VTE 497	Independent Study	An individualized approach to selected topics by guided reading and critical evaluation									
CTE503	VTE503	Special Problems in Career and Technical Education	For specific needs of career and technical educators, individually and/or groups									
CTE697	VTE697	Independent Study	Individualized Study on selected topics									

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