CareerClusters™
PATHWAYS TO COLLEGE & CAREER READINESS

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CTE®

Colorado CTE Course – Scope and Sequence

Course Name	ASE Master Technician I	Course Details	Credit: 1.0-2.0
		Course = 0.50 Carnegie Unit Credit	Prerequisite: Automotive Service Technology I-III CTE Credential: CTE Transportation
Course Description	The ASE Master Technician/CE course prepares individuals to apply technical knowledge and skills to repair, service, and maintain all types of automobiles at an Advanced level (a student must successfully complete AST Comprehensive to enroll in this program). Courses in this program includes instruction in brake systems, electrical systems, engine performance, engine repair, suspension and steering, automatic and manual transmissions and drive trains, and heating and air conditioning systems. A full Master Automotive Service Technician MAST program aligns to NATEF standards and is equivalent to 1200 hours. Students who successfully complete MAST courses will have the knowledge needed to pass ASE certification exams. Students who pass the exams and meet the work-based requirement will be eligible and encouraged to enter the workforce as an ASE-Certified Technician. This course delivers competencies that are in alignment to a local Community College Automotive Program. Postsecondary courses included in this course are as follows:		
Note:	This is a suggested scope and sequence for the course content. The content will work with any textbook or instructional resource. If locally adapted, make sure all essential knowledge and skills are covered.		
SCED Identification #	20106	Schedule calculation based on 60 calendar days of a 90-day semester. Scope and sequence allows for additional time for guest speakers, student presentations, field trips, remediation, or other content topics.	
All courses taught in an approved CTE program must include Essential Skills embedded into the course content. The Essential Skills Framework for this course can be found at **https://www.cde.state.co.us/standardsandinstruction/essentialskills**			

Instructional Unit Topic	Suggested Length of Instruction	CTE or Academic Standard Alignment	Competency / Performance Indicator	Outcome / Measurement	CTSO Integration
** Refer to topical outline and competencies found in the Colorado Community College Common Course Numbering System for the courses indicated above.					