

District Concurrent Enrollment Pathway Proposal

The Concurrent Enrollment (CE) Pathway proposal is to be submitted to the District CE Coordinator for prior approval and should include the following information:

Name of CE Pathway: Automotive Technology

Name of Institution of Higher Education: Arapahoe Community College (ACC)

Non-Discrimination Statement: Arapahoe Community College prohibits all forms of discrimination and harassment including those that violate federal and state law or the State Board for Community Colleges and Occupational Education Board Policies 3-120 or 19-60. The College does not discriminate on the basis of sex/gender, race, color, age, creed, national or ethnic origin, physical or mental disability, veteran status, pregnancy status, religion, genetic information, gender identity, or sexual orientation in its employment practices or educational programs and activities. Arapahoe Community College will take appropriate steps to ensure that the lack of English language skills will not be a barrier to admission and participation in vocational education programs.

I. GOALS

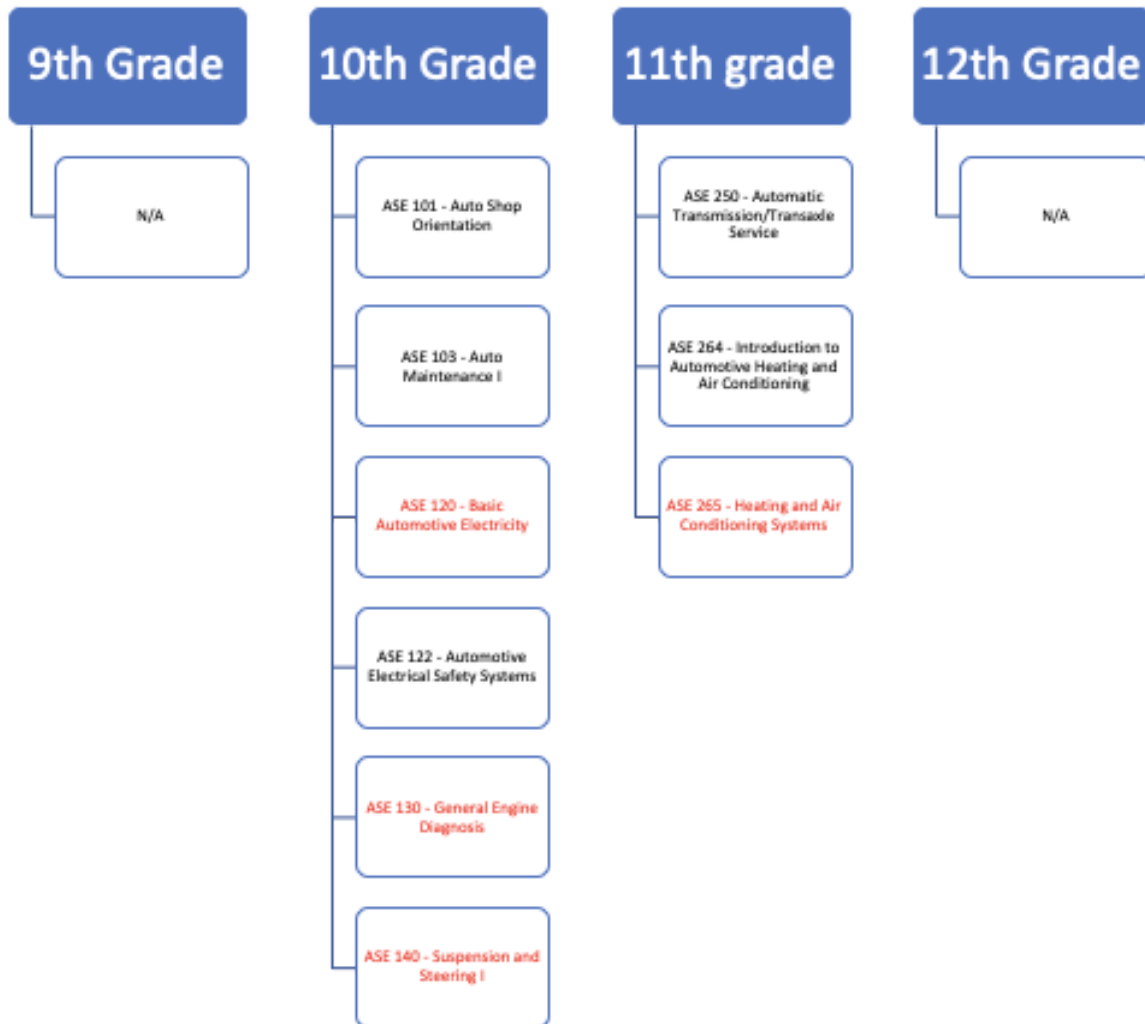
A. Provide a brief overview of the Pathway. This pathway provides a solid foundation in automotive technology at the college level. Students can continue this pathway through ACC or another community college to become an ASE-certified Automotive Technician or pursue the Associate of Automotive Service Technology.

B. How does this CE pathway fit into the overall educational program? Students will earn college credit while still in high school, being introduced to the rigors of college coursework early. Studies have shown that students who participate in concurrent enrollment pathways are more likely to graduate on time, or early, and continue with specific college coursework to obtain an Associate or Bachelor degree.

C. What benefits will our students receive from this CE pathway? Students will gain baseline expertise in: Engine Repair, Automatic Transmission and Transaxle, Manual Drive Train and Axles, Suspension and Steering Systems, Brakes, Electrical/Electronic Systems, Heating, Cooling and Air Conditioning, and Engine Performance. Students will also learn how to be reliable, responsible, and dependable in the workplace.

II. Concurrent Education Pathway Courses -

A. Complete the table below indicating the courses students would take within the pathway. Other courses may be added or changed within the pathway, based upon the need of students or program modifications. **New course information will be indicated in red text.**





<i>Level</i>	<i>Course Name</i>	<i>Course Description</i>	<i>College Credits</i>	<i>Prerequisites</i>
9th	N/A			
10th or 11th	ASE 101 - Auto Shop Orientation		2	None


10th or 11th	ASE 103 - Auto Maintenance I		2	None
10th or 11th	ASE 120 - Basic Automotive Electricity	Introduces vehicle electricity, basic electrical theory, circuit designs, and wiring methods. This course focuses on multimeter usage and wiring diagrams. This course meets MLR/AST/MAST requirements.	2	None
10th or 11th	ASE 122 - Automotive Electrical Safety Systems		1	None
10th or 11th	ASE 130 - General Engine Diagnosis	Covers how to perform basic engine diagnosis to determine condition of engine including engine support systems. This course meets MLR/AST/MAST requirements.	2	None
10th or 11th	ASE 140 - Suspension and Steering I	Focuses on diagnosis and service of suspension and steering systems and components. This course meets MLR/AST/MAST requirements.	2	None
11th or 12th	ASE 250 - Automatic Transmission/T ransaxle Service		1	None
11th or 12th	ASE 264 - Introduction to Automotive Heating and Air Conditioning		1	None
11th or	ASE 265 -	Emphasizes lecture and	4	None


12th	Heating and Air Conditioning Systems	related laboratory experiences in the diagnosis and service of vehicle heating and air conditioning systems and their components.		
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Signature Page

Does the District CE Coordinator approve adoption of this program? <i>** Your signature below indicates your approval of the program.</i>
Signature  <small>Joy Griffin (Feb 5, 2021 07:09 MST)</small>

Does the Director of CIPG approve adoption of this program? <i>** Your signature below indicates your approval of the program.</i>
Signature  <small>Erica Mason (Feb 5, 2021 12:57 MST)</small>

Does the Chief Assessment Officer approve adoption of this program? <i>** Your signature below indicates your approval of the program.</i>
Signature  <small>Matt Reynolds (Feb 5, 2021 13:42 MST)</small>

Does the Assistant Superintendent approve adoption of this program? <i>** Your signature below indicates your approval of the program.</i>
Signature 

Does the Board of Education approve adoption of this program?	Yes	No
Date of BOE Meeting _____		
Signature _____		

Superintendent File: IGA-E-1

Office use: The following information is required to build individual courses into Infinite Campus

Credit Type: (FNA, PRA, MAT, etc)	
Department Code:	
Course Number:	
Course entered in NCAA database if applicable.	
Update Graduation Competencies course document if applicable for Math and English courses.	
VIP Code:	
CIP Code:	470600 (Transportation CTE program)
Add to HEAR list, if applicable.	
Course Mapping SCED code:	
Date entered into Infinite Campus	
Credit amount:	