



## Grossmont-Cuyamaca College Community District Articulation Agreement

High School Course	Credits	College Course	Units
Auto Service & Light Repair 1, 2	10.0	AUTO 100 Introduction to Automotive Tech - Lab	1.0
<b>High school(s):</b>		<b>College:</b>	
Monte Vista High School		Cuyamaca College	

### 1. Course Prerequisites

None

### 2. Recommended Preparation

None

### 3. College Course Description

Basic laboratory environment designed to prepare students for entry into the Automotive Technology major. Covers repairing, servicing and basic diagnostic procedures of a typical passenger car or light truck.

### 4. Required Content for Articulation

- A. Introduction and safety
- B. Hand tools
- C. Lubrication system
- D. Cooling system
- E. Fuel system
- F. Electrical system
- G. Ignition system
- H. Emission control system
- I. Power train
- J. Suspension and steering
- K. Brakes

### 5. Required Competencies (SLOs) for Articulation

Students will be able to:

- A. Demonstrate standardized safety and hazardous waste handling practices.
- B. Perform basic vehicle maintenance service to prescribed industry standards.
- C. Utilize required tools and equipment to perform basic vehicle maintenance service to major automotive systems.

### 6. Assessment Methods

A grading system will be established by the instructor and implemented uniformly. Grades will be based on demonstrated proficiency in subject matter determined by multiple measurements for evaluation, one of which must be essay exams, skills demonstration or, where appropriate, the symbol system.

- A. In-class activities that demonstrate students' ability to describe and adhere to basic safety and hazardous materials practices.

- B. Written exams and practical exercises that measure students' ability to recognize basic automotive system components and explain how they interactively work together. Optional pilot of the Cuyamaca Distance Education Hands-On Student Test.
- C. Quizzes and/or written assignments that measure students' ability to distinguish between the different types of automotive repair businesses.
- D. Performance project that demonstrates knowledge and abilities to construct a replica of an actual automobile, or propose a project approved by the instructor that demonstrates knowledge and abilities to construct and describe art relating to a principle or principles from the course objectives.

7. **Texts and other supporting materials (software, etc.)**

- A. Stockel and Johanson. *Auto Fundamentals*. 11th edition. Goodheart-Wilcox Co., 2015. ISBN: 9781619608207

9. **Criteria for Course Articulation**

- A. High school and college teachers attend articulation meetings to determine curriculum alignment and articulation competency rubric.
- B. Student must pass high school course with a grade of "B" or better for **BOTH** semesters and demonstrate mastery of all course competencies.

Agreement was based on Statewide Career pathways Project Template: Yes X No X

Articulation meeting held: **November 28, 2018**

Effective date: **Fall 2018**

Expiration date: **December 1, 2021**

**High School/CTE/Signatures**

Michael Fleming 3-6-19  
 Teacher Date

Michael Fleming  
 Teacher (print name)

[Signature] 3/6/2019  
 Principal Date

Joel Trope  
 Principal (print name)

**College Signatures**

[Signature] 3-13-19  
 Instructor/Division Chair, Cuyamaca Date

Brod McComb  
 Instructor/Division Chair (print name)

[Signature] 3-13-19  
 Dean of Career Education, Cuyamaca College Date

Larry McEmore  
 Dean of Career Education (print name)

Monte Vista High School  
 High School