



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
High school(s):		College:	
Grossmont 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 _____ No X


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


Effective date: **Fall 2018**

Expiration date: **December 1, 2021**

High School/CTE/Signatures

College Signatures

 3/6/19
 Teacher _____ Date

 3-13-19
 Instructor/Division Chair, Cuyamaca _____ Date

Jordan Lehr
 Teacher (print name)

Brad McCombs
 Instructor/Division Chair (print name)

 3/6/19
 Principal _____ Date

 3-13-19
 Dean of Career Education, Cuyamaca College _____ Date

Daniel Barnes
 Principal (print name)

Jerry McCombs
 Dean of Career Education (print name)

Grossmont High School

 High School