

Course Outline of Record

1. Course Code: AUTO-301
2.
 - a. Long Course Title: Automotive Terminology
 - b. Short Course Title: AUTO TERM
3.
 - a. Catalog Course Description:

This course provides an introductory level explanation of the major automotive system components, and a brief description of component function. This course includes engine, transmission, suspension, steering, braking, heating and air conditioning, emissions, computer control systems, and exhaust systems, and is designed to prepare students for entry-level employment in the automotive field of parts.
 - b. Class Schedule Course Description:

This class provides lecture activities pertaining to major system components of the automobile including components of the engine, transmission, suspension, steering, braking, heating and air conditioning, emissions, computer control systems, and exhaust systems.
 - c. Semester Cycle (if applicable): N/A
 - d. Name of Approved Program(s):
 - AUTOMOTIVE TERMINOLOGY Certificate of Completion
4. Total Units: 0 Total Semester Hrs: 16.00
 Lecture Units: 0 Semester Lecture Hrs: 16.00
 Lab Units: 0 Semester Lab Hrs: 0
 Class Size Maximum: 35 Allow Audit: No
 Repeatability Noncredit - Unlimited
 Justification 0
5. Prerequisite or Corequisite Courses or Advisories:

Course with requisite(s) and/or advisory is required to complete Content Review Matrix (CCForm1-A)

 Advisory: ESLN 310D
6. Textbooks, Required Reading or Software: *(List in APA or MLA format.)* N/A
7. Entrance Skills: *Before entering the course students must be able:*
 - a.
Students must be able to speak and read basic English.
 - ESLN 310A - Comprehend simple statements and questions in the simple present tense, the present continuous tense and the simple past tense of the verb 'be' using previously studied vocabulary
 - ESLN 310D - Comprehend statements and questions in the simple present tense, the present continuous tense, the simple past tense, the past continuous tense, the simple future tense, and the present perfect tense.
 - ESLN 310D - Comprehend and use statements and questions in the simple present tense, the present continuous tense, the simple past tense, the past continuous tense, the simple future tense, and the present perfect tense using previously studied vocabulary.
 - ESLN 310A - Use simple statements and questions in the simple present tense, the present continuous tense and the simple past tense of the verb 'be' using previously studied vocabulary
8. Course Content and Scope:

Lecture:

Course objective is to enable students to correctly identify and describe system components by visual inspection, and by customer description in the areas of

- Engine
- Automatic Transmissions
- Manual transmissions
- Suspension and steering
- Automotive braking
- Automotive Heating, Ventilation and Air conditioning systems (HACV)
- Automotive Emission control systems
- Automotive computer control systems

Lab: *(if the "Lab Hours" is greater than zero this is required)*

9. Course Student Learning Outcomes:

1.
Identify components and categorize the automotive system they belong to.
2.
Translate common names with appropriate automotive parts.

10. Course Objectives: *Upon completion of this course, students will be able to:*

- a. Identify major automotive components.
- b. Provide a brief description pertaining to major components.

11. Methods of Instruction: *(Integration: Elements should validate parallel course outline elements)*

- a. Demonstration, Repetition/Practice
- b. Discussion
- c. Distance Education
- d. Individualized Study
- e. Lecture
- f. Observation
- g. Participation
- h. Role Playing

12. Assignments: *(List samples of specific activities/assignments students are expected to complete both in and outside of class.)*

In Class Hours: 16.00

Outside Class Hours: 32.00

a. In-class Assignments

Assignments may include:

1. End of class notebook including lecture notes, handout, projects
2. Presentation
3. Role play and interaction between fellow students and or instructor
4. Participation in discussion related to topic of lecture.
5. Discussion of vehicle components

b. Out-of-class Assignments

1. Assigned readings and written summaries from selected instructor handouts.
2. Written summaries and analysis of assigned websites/research information.
3. Must complete an assigned project pertaining to automotive parts.

4. Students must keep a notebook of all course materials including homework, class notes, handouts, and class project and team activities. The notebook must be organized including in-class notes, handouts and extra-credit assignments.

13. Methods of Evaluating Student Progress: *The student will demonstrate proficiency by:*

- Written homework
- Term or research papers
- Reading reports
- Self-paced testing
- Group activity participation/observation
- Product/project development evaluation
- Self/peer assessment and portfolio evaluation
- True/false/multiple choice examinations
- Mid-term and final evaluations
- Student participation/contribution
- Student preparation
- Oral and practical examination

14. Methods of Evaluating: Additional Assessment Information:

15. Need/Purpose/Rationale -- *All courses must meet one or more CCC missions.*

IO - Personal and Professional Development

Value diverse cultures and populations.

PO-SSS Self-Awareness, Self-Understanding, and Self-Advocacy

Recognize that knowledge is the key to self-advocacy.

16. Comparable Transfer Course

University System	Campus	Course Number	Course Title	Catalog Year
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17. Special Materials and/or Equipment Required of Students:

18. Materials Fees: Required Material?

Material or Item	Cost Per Unit	Total Cost
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19. Provide Reasons for the Substantial Modifications or New Course:

This course will prepare the student for employment in the automotive field

20. a. Cross-Listed Course (*Enter Course Code*): *N/A*
 b. Replacement Course (*Enter original Course Code*): *N/A*

21. Grading Method (*choose one*): Pass/No Pass Only

22. MIS Course Data Elements

- a. Course Control Number [CB00]: CCC000581665
- b. T.O.P. Code [CB03]: 94800.00 - Automotive Technology
- c. Credit Status [CB04]: N - Noncredit
- d. Course Transfer Status [CB05]: C = Non-Transferable
- e. Basic Skills Status [CB08]: 2N = Not basic skills course
- f. Vocational Status [CB09]: Possibly Occupational
- g. Course Classification [CB11]: J - Workforce Preparation Enhanced Funding

AUTO 301-Automotive Terminology

- h. Special Class Status [CB13]: N - Not Special
- i. Course CAN Code [CB14]: N/A
- j. Course Prior to College Level [CB21]: Y = Not Applicable
- k. Course Noncredit Category [CB22]: J - Workforce Preparation
- l. Funding Agency Category [CB23]: Y = Not Applicable
- m. Program Status [CB24]: 1 = Program Applicable

Name of Approved Program (if program-applicable): AUTOMOTIVE TERMINOLOGY

Attach listings of Degree and/or Certificate Programs showing this course as a required or a restricted elective.)

23. Enrollment - Estimate Enrollment

First Year: 40

Third Year: 120

24. Resources - Faculty - Discipline and Other Qualifications:

a. Sufficient Faculty Resources: Yes

b. If No, list number of FTE needed to offer this course: N/A

25. Additional Equipment and/or Supplies Needed and Source of Funding.

N/A

26. Additional Construction or Modification of Existing Classroom Space Needed. (Explain:)

N/A

27. FOR NEW OR SUBSTANTIALLY MODIFIED COURSES

Library and/or Learning Resources Present in the Collection are Sufficient to Meet the Need of the Students Enrolled in the Course: Yes

28. Originator Dorothy Anderson Origination Date 08/04/16