Clackamas Community College

Online Course/Outline Submission System

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Section #1 General Course Information

Department: Automotive Technology: Auto Mechanics

Submitter

First Name: Nick
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Course Prefix and Number: AM - 175

 # Credits: 3

Contact hours

Lecture (# of hours):
Lec/lab (# of hours): 72
Lab (# of hours):
Total course hours: 72

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Advanced Mechanic Studies I

Course Description:

Lab course for currently enrolled automotive students wishing to specialize in specific areas of automotive repair.

Type of Course: Career Technical Preparatory

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

No

Does this course map to any general education outcome(s)?

No

Is this course part of an AAS or related certificate of completion?

Yes

Name of degree(s) and/or certificate(s): Automotive Service Technology AAS

Are there prerequisites to this course?

Yes

Pre-reqs: AM-129, AM-130, AM-131, AM-133, AM-224, AM-235, AM-243, AM-244, AM-245

Have you consulted with the appropriate chair if the pre-req is in another program?

No

Are there corequisites to this course?

No

Are there any requirements or recommendations for students taken this course?

Yes

Recommendations: Work independently with minimal help.

Requirements: Second year Automotive Service Degree student or be previously enrolled in the Automotive Program, and Instructor consent.

Are there similar courses existing in other programs or disciplines at CCC?

No

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

No

Is there any other potential impact on another department?

No

Does this course belong on the Related Instruction list?

No

GRADING METHOD:

A-F or Pass/No Pass

Audit: Yes

When do you plan to offer this course?

✓ **Fall**
✓ **Winter**
✓ **Spring**

Is this course equivalent to another?

If yes, they must have the same description and outcomes.

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

Upon successful completion of this course, students should be able to:

1. describe the interaction between technician and customer as it relates to information-gathering and customer service,
2. analyze the necessary steps for diagnosis and repair of projects,
3. analyze and determine the equipment and tools necessary for diagnosis and repair of project,
4. improve skill, speed, and accuracy in diagnose and repair of project;
5. improve skills in use of tools and equipment necessary to complete project,
6. improve skills in researching repair procedures and flat-rate times by using all media forms available,
7. improve skills in locating and ordering necessary parts and supplies needed to complete project.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Shop safety.
2. Customer relations in scheduling work änd gaining information.
3. Ordering supplies, parts, and tools according to industry standards.
4. Researching diagnosis, service precautions, and repair information.
5. Accuracy and speed in diagnosis of project.
6. Accuracy and speed in repair of project.

7. Safe use of diagnosis and repair tools and equipment as it relates to project.
8. Scheduling and time management skills as it relates to project completion.
9. Completion of project in a professional manner according to industry standards.
10. Self-motivation and independent thinking/working as it relates to project completion.
11. Co-worker relations and shared shop usage skills.

Does the content of this class relate to job skills in any of the following areas:

1. Increased energy efficiency	**No**
2. Produce renewable energy	**No**
3. Prevent environmental degradation	**No**
4. Clean up natural environment	**No**
5. Supports green services	**No**

Percent of course: 0%

First term to be offered:

Next available term after approval
: