

# AUTO 325: AUTOMOTIVE EXPRESS SERVICE

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**Originator**

dredman

**Co-Contributor(s)****Name(s)**

Anderson, Dorothy

**Justification / Rationale**

The Automotive Faculty are reviewing and/or updating this course to assure compliance with local, State, and Federal regulations; support consistency within the curriculum; practice relevance regarding automotive industry and community; and to make improvements that will strengthen the learning environment this course creates thus benefiting the learners.

**Effective Term**

Fall 2022

**Credit Status**

Noncredit

**Subject**

AUTO - Automotive Technology

**Course Number**

325

**Full Course Title**

Automotive Express Service

**Short Title**

EXPRESS SERVICE

**Discipline****Disciplines List**

Automotive Technology

**Modality**Face-to-Face  
Hybrid**Catalog Description**

This course provides lecture/laboratory activities performing common services on today's automobile generally performed at a "quick service station". These activities include proper fluid inspection, fluid services on serviceable systems, tire inspection and rotations, minor brake inspections, courtesy services, and customer service.

**Schedule Description**

This class provides understanding and practice including hands-on experience performing basic automotive maintenance services, required by entry-level technicians in an automotive quick service facility atmosphere. Designed for students seeking entry level employment in the automotive field. Advisory: AUTO 304 & ESLN 310A

**Non-credit Hours**

24

**Lecture Units**

0

**Lab Units**

0

**In-class Hours**

20

**Out-of-class Hours**

4

**Total Course Units**

0

**Total Semester Hours**

24

**Override Description**

Non-credit course.

**Prerequisite Course(s)**

Advisory: AUTO 304 &amp; ESLN 310A

**Required Text and Other Instructional Materials****Resource Type**

Web/Other

**Year**

2021

**Description**

instructor handouts.

**Class Size Maximum**

21

**Entrance Skills**

Basic knowledge of automotive measurements.

**Requisite Course Objectives**

AUTO 304-Compare measurement specification, analyze actual measurements compared to manufacture specification.

**Entrance Skills**

Ability to read basic English.

**Requisite Course Objectives**

ESLN 310A-Reading:

**Course Content**

1. Under the hood inspections procedures
2. Explanation of fluids, serviceable components
3. Locate manufacturer service specifications in order to rationalize if actual reading are within service limits.
4. Tire information
5. Basic brake inspection procedures

**Course Objectives**

	Objectives
Objective 1	Demonstrate proper shop safety
Objective 2	Properly identifying vehicle specifications
Objective 3	Locating vehicle components

Objective 4	Service vehicle fluids when applicable
Objective 5	Correctly adjust tire pressure and rotate tires
Objective 6	Proper inspection of hoses and drive belts
Objective 7	Illustrate the importance of proper maintenance of vehicles

### Student Learning Outcomes

**Upon satisfactory completion of this course, students will be able to:**

Outcome 1	Appraise serviceable components' condition.
Outcome 2	Describe the importance of a correct repair order.
Outcome 3	Demonstrate appropriate interactions regarding customer service.

### Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
Participation	Respectful, active interaction in group activities.
Discussion	Provide feedback during discussions and active involvement in assignments.
Demonstration, Repetition/Practice	Provide feedback during discussions and active involvement in assignments.
Laboratory	The lab activities will require hands-on, live or simulated vehicle in a live or simulated setting.
Technology-based instruction	Diagnostic test equipment, computer-based tools, and virtual reality scenarios.

### Methods of Evaluation

Method	Please provide a description or examples of how each evaluation method will be used in this course.	Type of Assignment
Oral and practical examination	List the course at key touch-points.	In Class Only
Tests/Quizzes/Examinations	Evaluate the course at key touch-points (both in and out of class).	In and Out of Class
Presentations/student demonstration observations	Respectful, active interaction in group activities.	In Class Only
Laboratory projects	The lab activities will require hands-on, live or simulated vehicle in a live or simulated setting.	In Class Only
Written homework	Assigned after each session (both in and out of class).	In and Out of Class

### Assignments

#### Other In-class Assignments

1. Presentation
2. Role play and interaction between fellow students and or instructor
3. SP2 safety tests.
4. Participation in discussion related to topic of lecture.
5. Review and discuss vehicle maintenance procedures, understand of the importance of maintaining vehicles, personal safety, shop safety and other activities evaluated by the instructor during lab time.

#### Other Out-of-class Assignments

1. Completion of SP2 safety tests.
2. Assigned readings and written summaries from selected instructor handouts.
3. Written summaries and analysis of assigned websites/research information.

### Grade Methods

Pass/No Pass Only

## Distance Education Checklist

Include the percentage of online and on-campus instruction you anticipate.

Online %

50

On-campus %

50

## Lab Courses

**How will the lab component of your course be differentiated from the lecture component of the course?**

The lab activities will require hands-on, live or simulated vehicle in a live or simulated setting.

**From the COR list, what activities are specified as lab, and how will those be monitored by the instructor?**

Vehicle inspection, oil change, filter and fluid inspection.

**How will you assess the online delivery of lab activities?**

Laboratory activities will not be delivered in the online setting, only in person.

## Instructional Materials and Resources

**If you use any other technologies in addition to the college LMS, what other technologies will you use and how are you ensuring student data security?**

SP2 online safety training.

**If used, explain how specific materials and resources outside the LMS will be used to enhance student learning.**

SP2 - free account provided to all used to ensure the learners ability to distinguish safe working practices and conditions from unsafe practices and conditions.

## Effective Student/Faculty Contact

**Which of the following methods of regular, timely, and effective student/faculty contact will be used in this course?**

**Within Course Management System:**

Discussion forums with substantive instructor participation

Online quizzes and examinations

Regular virtual office hours

Timely feedback and return of student work as specified in the syllabus

Weekly announcements

**External to Course Management System:**

Direct e-mail

Synchronous audio/video

**Briefly discuss how the selected strategies above will be used to maintain Regular Effective Contact in the course.**

Regular effective contact will be practiced through online lecture, discussion board postings, email communications, regular announcements, prompt grading and feedback of assignments, and virtual office hours. This contact between the facilitator and learner on a regular basis will enhance learner confidence and understanding and promote critical thinking and analyzation of subject matter.

**If interacting with students outside the LMS, explain how additional interactions with students outside the LMS will enhance student learning.**

Interaction between instructor and learner will help to enhance learning and understanding of subject material.

## Other Information

**Provide any other relevant information that will help the Curriculum Committee assess the viability of offering this course in an online or hybrid modality.**

With the uncertainty of the teaching environment, enabling the lecture portion of this course to be delivered in an online setting, while keeping the hands-on portion face-to-face, will ensure learners can access needed training to ensure knowledge and experience is achieved to gain employment in the automotive field.

## MIS Course Data

**CIP Code**

47.0614 - Alternative Fuel Vehicle Technology/Technician.

**TOP Code**

094800 - Automotive Technology

**SAM Code**

D - Possibly Occupational

**Basic Skills Status**

Not Basic Skills

**Prior College Level**

Not applicable

**Cooperative Work Experience**

Not a Coop Course

**Course Classification Status**

Workforce Prep Enhanced Funding

**Approved Special Class**

Not special class

**Noncredit Category**

Workforce Preparation

**Program Status**

Program Applicable

**Transfer Status**

Not transferable

**Allow Audit**

No

**Repeatability**

Yes

**Repeatability Limit**

NC

**Repeat Type**

Noncredit

**Justification**

Allows learners the opportunity to repeat to obtain skill mastery.

**Materials Fee**

No

**Additional Fees?**

No

## Approvals

**Curriculum Committee Approval Date**

03/17/2022

**Academic Senate Approval Date**

03/24/2022

**Board of Trustees Approval Date**

04/22/2022

**Chancellor's Office Approval Date**

03/23/2017

**Course Control Number**

CCC000581666

**Programs referencing this course**Automotive Quick Service Certificate of Completion (<http://catalog.collegeofthedesert.eduundefined/?key=173>)