AUTO 777A: AUTOMOTIVE SERVICE SAFETY, POLLUTION PREVENTION, & LIFT INSTITUTE

Originator

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Co-Contributor(s)

Name(s)
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Justification / Rationale

Automotive service safety is one of two courses designed to complete the knowledge based required safety training for learners enrolled in the automotive program. All courses with required laboratory actives must retain current certification through S/P2 training. This course may serve as is a prerequisite or co-requisite to any automotive course with lab units.

Effective Term

Spring 2023

Credit Status

Noncredit

Subject

AUTO - Automotive Technology

Course Number

777A

Full Course Title

Automotive Service Safety, Pollution Prevention, & Lift Institute

Short Title

SERVICE SAFETY

Discipline

Disciplines List
Automotive Technology

Modality

Face-to-Face
100% Online
Hybrid

Catalog Description

This course is designed to complete the safety, knowledge-based training required for all lab-oriented courses and automotive careers. This course covers in detail, safety in the shop environment, first aid, pollution prevention, and lift safety. This course is designed to instill a solid foundation of Automotive service safety. Pass/No Pass grading scale requiring complete completion of S/P2 web-based training modules including successfully passing the final exam.

Schedule Description

This course is designed to complete the safety, knowledge-based training required for all lab-oriented courses and automotive careers.

Non-credit Hours

16

In-class Hours

8

Out-of-class Hours
8

Total Course Units
0

Total Semester Hours
16

Override Description
Non-credit override

Required Text and Other Instructional Materials

Resource Type
Web/Other

Open Educational Resource
Yes

Year
2021

Description
S/P2's online training gives students the awareness they need to recognize the hazards around them, as well as providing training on skills that are desirable to employers. Automotive maintains a subscription to provide required training for all student in the program. No purchase necessary.

Class Size Maximum
36

Course Content
- Introduction to automotive safety
- Importance of workplace safety
- Safety Data Sheets (SDS)
- Personal Protective Equipment (PPE)
- Respirators/Air quality
- Blood-borne pathogens
- First aid
- Eyewash stations
- Pollution prevention in an automotive shop
- Automotive lift safety
- Slips, trips and falls in the shop
- Fire prevention and fire safety
- Electrical safety
- Power and hand tools/Equipment safety
- Lockout/tag-out
- Jump starting
- Jacks and Other lifting equipment
- Welding
- Electric and Alternative fuel vehicles
- Operating vehicles/defensive driving
- Back injuries and Ergonomic
- Conclusion/Final Exam

Course Objectives

	Objectives
Objective 1	Analyze understanding of shop safety by completion of SP2 safety modules.
Objective 2	Analyze understanding of lift safety by completion of SP2 lift institute modules.
Objective 3	Analyze understanding of shop pollution prevention by completion of SP2 pollution prevention modules.

Student Learning Outcomes

	Upon satisfactory completion of this course, students will be able to:
Outcome 1	Demonstrate understanding of shop safety by passing the required SP2 exams.

Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
Technology-based instruction	Instructional lecture will be provided using S/P2 web-based training. Virtual reality instruction.
Demonstration, Repetition/Practice	Complete a verity of web-based modules as prescribed in S/P2 training.

Methods of Evaluation

Method	Please provide a description or examples of how each evaluation method will be used in this course.	Type of Assignment
Self-paced testing	Each module in S/P2 provides a quiz to renforce learning.	In and Out of Class
Product/project development evaluation	Each learner may be required to present a research project of written, oral or in a method deemed desirable by the instructor of record.	In and Out of Class
Mid-term and final evaluations	The course has a final exam provided by S/P2.	In and Out of Class

Assignments

Other In-class Assignments
1. In class assignments may include interactive role play scenarios to help reinforce information presented in class or lab
2. Web-based modules are required to instill proper operation of shop equipment.

Other Out-of-class Assignments
1. Complete individual training module quizzes/exams.
2. Research information required to build their understanding of the topic.

Grade Methods
Pass/No Pass Only

Distance Education Checklist

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

Online %
100
On-campus %
0

What will you be doing in the face-to-face sections of your course that necessitates a hybrid delivery vs a fully online delivery?
The material delivered will be identical, only the method of delivery will vary.

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?
S/P2 online training program; a subscription paid for by College of the Desert to satisfy college requirements to enter lab.

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

S/P2 Automotive Service bundle includes training courses for learners in automotive service. Making sure learners know about the hazards of the shop environment—before they enter the workplace.

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
47.0604 - Automobile/Automotive Mechanics Technology/Technician.

TOP Code
094800 - Automotive Technology

SAM Code
C - Clearly 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

Funding Agency Category
Not Applicable

Program Status
Program Applicable

Transfer Status
Not transferable

General Education Status
Y = Not applicable

Support Course Status
N = Course is not a support course

Allow Audit
No

Repeatability
Yes

Repeatability Limit
NC
Repeat Type
Noncredit

Justification
Students may desire to take a refresher course

Materials Fee
No

Additional Fees?
No

Approvals

Curriculum Committee Approval Date
05/03/2022

Academic Senate Approval Date
05/12/2022

Board of Trustees Approval Date
05/20/2022

Chancellor's Office Approval Date
06/05/2022

Course Control Number
CCC000632004