

AUTO 305 Course Outline as of Fall 2010**CATALOG INFORMATION**

Dept and Nbr: AUTO 305 Title: AUTO AIR COND& HEAT

Full Title: Automotive Air Conditioning & Heating Systems Service

Last Reviewed: 5/8/1998

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.50	Lecture Scheduled	3.00	8	Lecture Scheduled	24.00
Minimum	1.50	Lab Scheduled	0	8	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	24.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 48.00

Total Student Learning Hours: 72.00

Title 5 Category: AA Degree Non-Applicable

Grading: Grade or P/NP

Repeatability: 39 - Total 2 Times

Also Listed As:

Formerly: AUTO 205

Catalog Description:

Theory, service, and repair of many types of automotive air conditioning & heating systems; care & use of tools & equipment.

Prerequisites/Corequisites:

HS 2+2 Auto or Auto 350 or employment as an Auto Technician.

Recommended Preparation:

HS Auto or Auto 350 (formerly AUTO 50) & AUTO 350L (formerly AUTO 50L) or employment as an Auto Technician. Eligibility for Engl 100 or ESL 100 or equivalent.

Limits on Enrollment:**Schedule of Classes Information:**

Description: Theory, service & repair of many types of automotive air conditioning & heating systems; care & use of tools & equipment. (Grade or P/NP)

Prerequisites/Corequisites: HS 2+2 Auto or Auto 350 or employment as an Auto Technician.

Recommended: HS Auto or Auto 350 (formerly AUTO 50) & AUTO 350L (formerly AUTO 50L) or employment as an Auto Technician. Eligibility for Engl 100 or ESL 100 or equivalent.

Limits on Enrollment:

Transfer Credit:
Repeatability: Total 2 Times

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	Area	Effective:	Inactive:
CSU GE:	Transfer Area	Effective:	Inactive:
IGETC:	Transfer Area	Effective:	Inactive:
CSU Transfer:		Effective:	Inactive:
UC Transfer:		Effective:	Inactive:

CID:

Certificate/Major Applicable:
Not Certificate/Major Applicable

COURSE CONTENT

Outcomes and Objectives:
Upon completion of the course, students will be able to:
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Topics and Scope:

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Assignment:

Students will be given a worksheet to be completed with each reading assignment. At the completion of each unit students will be given an instructor written multiple choice test using a question format similar to the classes in the advanced automotive certificate program. There will also be an instructor written multiple choice final exam. Students will be required to keep a notebook of all class handouts, assignments, and class notes which will be graded for completeness and organization.

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None

Writing
0 - 0%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Exams	Problem solving 5 - 10%
Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.	
Componet identification	Skill Demonstrations 5 - 10%
Exams: All forms of formal testing, other than skill performance exams.	
Multiple choice	Exams 75 - 80%
Other: Includes any assessment tools that do not logically fit into the above categories.	
Attendance	Other Category 5 - 15%

Representative Textbooks and Materials:

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