

**University of Arkansas - Fort Smith
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General Syllabus

ASTE 2990V Auto Mechanics: Special Projects

Credit Hours: 1 to 3 Variable Independent Study 1-3

Prerequisite: Consent of instructor

Effective: 2018-2019

I. Course Information

A. Catalog Description

Designed for the advanced automotive student who has completed or is enrolled in all other appropriate automotive courses offered at UA Fort Smith. A learning contract must be prepared and agreed upon by the student, the faculty advisor and the dean. May be repeated for a total of six hours.

B. Additional Information

The student will design and construct a complete project agreed upon by the student and the course instructor. The project includes appropriate research, analysis, design calculations and consideration of manufacturing standards used in producing projects in this industry. This course is intended to expose the student to an industry environment as well as giving him/her experience in working independently to complete a project.

II. Student Learning Outcomes

A. Subject Matter

Upon successful completion of this course, the student will be able to:

1. Research, develop and provide solutions to auto mechanics problems in accordance with defined standards, within time allowed.
 - a. Prepare complete documentation of the materials and processes required to complete the project.
2. Develop a plan and schedule completion of tasks.

B. University Learning Outcomes

This course enhances student abilities in the following areas:

University Learning Outcomes are individualized on the student's learning contract.

III. Major Course Topics

Course topics are individualized on the student's learning contract.