

PROCEDURAL SEQUENCE FOR ACADEMIC SENATE APPROVAL OF PROPOSALS

1. Submit all proposals to the Office of Academic Affairs.
2. The Senate President will log items and forward them to the appropriate Senate subcommittees.
3. The Senate subcommittee will send the proposal to the Senate.
4. Senate proposals will be considered by the Full Faculty.
5. If approved, the proposal will then be forwarded to the Provost/Senior Vice Chancellor.

Proposals that require action to approve/disapprove/table or remand will be sent back to the Senate according to the monthly meeting schedule.

TITLE: Automotive Minor revisions.

SUBCOMMITTEE: Curriculum PROPOSAL #: 00-43

PROPOSAL:

The automotive program is revising its Minor to reflect the new changes in auto curriculum. Because of the revision, the automotive program will restructure the classes in the Minor. Also, it is necessary to change the prerequisite classes for AUTO 383.

Action Signatures:

Wane E Boyum 4-3-01  
Submitter Date

W. M. Thach 4-3-01  
College Chair/Dean Date

Thomas M. Welch  
Committee Chair

Approve  Disapprove  Date 07/03/01

Gene E. Munier  
Committee Chair ACAD Senate

Approve  Disapprove  Date 4-11-01

Robert C. Cresto  
Faculty Senate President

Approve  Disapprove  Date 4-24-01

Roger Barber  
Provost/Senior Vice Chancellor for Academic Affairs

Approve  Disapprove  Date 5/19/01

Revised: 11/15/99

[Signature]  
Chancellor

approve  disapprove   
5/14/01  
date

## Course Revision Form

NEW \_\_\_\_\_ DROPPED \_\_\_\_\_ MAJOR REVISION  INFORMATION ONLY \_\_\_\_\_

Department Automotive Program Area College of Technical Sciences Date 12/15/00

Prefix ATDI No. 383 Title Alternative Automotive Power Systems Credits 3

Required by Auto BS

Selective in N/A

Elective in N/A

General Education Area D

Lecture 2 Lecture/Lab 1 Contact hours lecture 2 Contact hours lab 2

### Current Catalog Description (include all prerequisites):

This course examines a variety of alternative power sources used in the automotive transportation industry. Topics covered in the class are compression ignition engine systems, propane & CNG systems, Hybrid electric systems, and electric propulsion systems.

Prerequisites: AUTO 128 or DIES 104/114, ATDI 134 and ATDI 264.

### Proposed Catalog Description (include all prerequisites):

This course examines a variety of alternative power sources used in the automotive transportation industry. Topics covered in the class are compression ignition engine systems, propane & CNG systems, Hybrid electric systems, and electric propulsion systems.

Prerequisites: ATDI 134 and ATDI 264.

### Course Outcome Objectives:

Students will become proficient in the operation, diagnosis and repair of compression ignition engine systems, propane & CNG systems, Hybrid electric systems, and electric propulsion systems.

New instructional resources needed (including library materials, special equipment, and facilities).  
Please note: approval does not indicate support for new faculty or additional resources.

None

Revised: 02/09/00

## Program Revision Form

NEW \_\_\_\_\_ DROPPED \_\_\_\_\_ MAJOR REVISION **X** \_\_\_\_\_ INFORMATION ONLY \_\_\_\_\_

Department COTS Program Area Automotive Minor Date 2/21/01

Please provide in the space below a "before and after" picture of the program with the changes in the program noted. Attached appropriate Course Revision Forms.

Current Program			Proposed Program		
<small>List A: Choose 14 Credits</small>			<small>List A: Choose 14 Credits</small>		
ATDI 117	Chassis I	3	AUTO 115	Introduction to Automotive Service	1
ATDI 118	Chassis I Lab	3	AUTO 117	Automotive Manual Power Trains	4
ATDI 119	Chassis II	3	AUTO 151	Diagnosis and Tune Up	3
ATDI 120	Chassis II Lab	3	AUTO 152	Diagnosis and Tune Up Lab	3
ATDI 134	Auto/Diesel Electrical/Electronic Systems I	4	AUTO 408	Current Trends in Mobility Tech	2
AUTO 128	Engines	4	ATDI 134	Auto/Diesel Electrical/Electronic Systems I	4
AUTO 151	Diagnosis and Tune Up	3	ATDI 264	Auto/Diesel Electrical/Electronics Systems II	4
AUTO 152	Diagnosis and Tune Up Lab	3	ATDI 383	Alternative Automotive Power Systems	3
AUTO 251	Computerized Engine Control System	3	ATDI 384	Auto/Diesel Electronics Application	4
AUTO 252	Computerized Engine Control Systems Lab	3	ATDI 400	Shop Procedures	2
METL 125	Automotive Machining and Tool Tech	3	<b>Total</b>		<b>30</b>
<small>List B: Choose 14 credits (10 credits @ 300-400 level)</small>			<small>List B: Choose 14 credits (10 credits @ 300-400 level)</small>		
ATDI 257	Automatics	4			
ATDI 264	Auto/Diesel Electrical/Electronics Systems II	4			
ATDI 265	Heating and Air Conditioning	4			
ATDI 384	Auto/Diesel Electronics Application	3			
ATDI 385	Auto/Diesel Microprocessor Application Lab	3			
ATDI 387	Service Operations	3			
AUTO 357	Advanced Automatics	4			
AUTO 388	Applied Service Operations	3			
AUTO 408	Current Trends in Mobility Tech	3			
TECH 100	Industrial Safety/Waste Management	2			

New instructional resources needed (including library materials, special equipment, and facilities). Please note: approval does not indicate support for new faculty or additional resources.