

ACADEMIC SENATE PROPOSAL TRACKING SHEET

(Document To Be Originated By Academic Senate Secretary On Canary Color Paper)

All proposals MUST have their originating college faculty body (Ex. Arts & Sciences, Education and Nursing; Technical Sciences) approval and must be signed by the submitter and the college dean before being submitted to the Academic Senate Secretary.

1. Submit all proposals (using the appropriate Academic Senate program/degree and/or course revision forms) to the Academic Senate Secretary.
2. The Academic Senate Secretary logs and numbers items and forwards them to the appropriate Academic Senate subcommittee(s): Teacher Education (if applicable), General Education (if applicable), or Curriculum.
3. The Academic Senate subcommittee(s) consider(s) the proposal. If approved, the proposal is forwarded to the next committee. If a committee disapproves the proposal, the originator may request that the item be forwarded to the next body for consideration. The committee will provide written rationale to the originator when a proposal is disapproved and the proposal is returned to the originator.
4. The Academic Senate considers the proposal and approves or disapproves. If approved, the proposal is forwarded to the Full Faculty for consideration. If the Academic Senate disapproves the proposal, the originator may request that the item be forwarded to the Full Faculty for consideration. The Academic Senate will provide written rationale to the originator when proposals are disapproved and the proposal is returned to the originator.
5. The Full Faculty considers Academic Senate approved proposals. If faculty approve, the proposal will then be forwarded to the Provost. The Provost approves or disapproves the proposal. If approved, the proposal is then forwarded to the Chancellor.
7. The Chancellor approves or disapproves the proposal.

Subcommittee and Academic Senate college representatives will notify their respective colleges' of the progress of submitted proposals or the proposal may be tracked via the web page --

<http://www.msun.edu/admin/provost/asproposals.htm>

Documentation and forms for the curriculum process is also available on the web page:

<http://www.msun.edu/admin/provost/asforms.htm>

******* (If a proposal is disapproved at any level, it is returned through the Academic Senate secretary to the Dean of the submitting college who then notifies the originator.)**

Proposal # 0844	Title: <i>Cuts Changes SP 09</i>
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(proposal explanation, submitter and college dean signatures on attached program/degree or course revision form)

	Date			
Received by ACAD Senate	03-02-09	Approved	Disapproved	
Forwarded to Teacher Ed Council	_____	Signature	_____	Date
Forwarded to Gen Ed Committee	_____	Approved	Disapproved	_____
Returned to ACAD Senate	_____	Signature	_____	Date
Forwarded to Curriculum Committee	03-09-09 3/12/09	Approved <input checked="" type="checkbox"/>	Disapproved	_____
Returned to ACAD Senate for Vote	3-18-09	Signature <i>[Signature]</i>	_____	Date
Sent to Provost's office for Full Faculty vote	_____	Approved	Disapproved	_____
Voted on at Full Faculty meeting	_____	Signature	_____	Date
Forwarded to Provost for Approval/Disapproval	3-30-09	Approved	Disapproved	_____
Forwarded to Chancellor for Approval/Disapproval	_____	Signature	_____	Date
Copies sent to originating college and registrar's office	_____	Approved	Disapproved	_____
Updated 09/29/05	_____	Signature	_____	Date

Auto Changes Sp09

COURSE REVISION FORM

NEW DROPPED MAJOR REVISION FOR INFORMATION ONLY

College Technical Sciences Program Area Diesel Technology Date 2-25-09

Submitter Steven Don Chair/Dean [Signature] Date 3.9.09
Signature Signature (indicates "college" level approval)

Please provide a brief explanation & rationale for the proposed revision(s):
All students in the B.S. Diesel Technology degree, B.S. Diesel Technology - Field Maintenance Option, B.S. Automotive Technology and Automotive Technology minor will be required to take ATDI 400 Shop Procedures. ATDI 400 will be increased to 3 credits. AUTO 355 is being dropped from the Automotive Technology B.S. degree and Automotive Technology minor. The increase from 2 credits to three credits is needed to allow for time to fully cover the course material. Both courses (ATDI 400 and AUTO 355) are currently taught by the same instructor, course content is the same in both, therefore only one course is needed.

Please provide the following information:

College: College of Technical Sciences
Program Area: Automotive
Date: 2-25-09
Course Prefix & No.: ATDI 400

Course Title: Shop Procedures
Credits: 3

Required by: B.S. Diesel Technology
B.S. Diesel Technology - Field Maintenance Option
B.S. Automotive Technology
Automotive Technology Minor

Selective in:
Elective in:
General Education:

Lecture: 3 credits
Lecture/Lab:
Gradable Lab:
Contact hours lecture: 3 hours
Contact hours lab:

Current Catalog Description (include all prerequisites):

2 semester credits (lab 4: Fall)
The student will deal with training procedures, including establishing preventative maintenance programs, cost per hour operations and investment analysis. Selected computer programs will also be used. This is a course that deals with: 1. The organization of a shop 2. Service procedure 3. Shop layout and organization for diesel, automotive, and auto body shops to give the best advantage to management, employees and customers.

Proposed or New Catalog Description (include all prerequisites):

This is a 3 semester credits (lecture 3: Fall)
Lecture course addressing diesel and automotive shop management issues. Students will be exposed to shop management environments and issues including customer relations, parts

inventory, repair order preparation, shop efficiency and productivity, shop organization, work flow, labor guides, work ethics and stewardship. Computerized shop management software will be integrated throughout the course. Prerequisites: Junior standing, ATDI 134, ATDI 264, AUTO 151, AUTO 251, DIES 262, DIES 272, DIES 273

Course Outcome Objectives:

1. Students will learn appropriate industry related management skills.
2. Students will learn appropriate customer relations techniques.
3. Students will learn the fundamentals of planning a promotional advertising and marketing campaign.
4. Students will continue development of ethical and appropriate work habits
5. Students will learn appropriate use of shop management software and other industry-related computer software.
6. Students will learn to calculate shop efficiency and shop productivity.
7. This course will assist students in preparing for the national ASE C1 (Automotive Service Consultant) test.

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

ACAD course revision form 10-10-2001 rev. 12-12-01

COURSE REVISION FORM

NEW DROPPED MAJOR REVISION FOR INFORMATION ONLY

College Technical Sciences Program Area Automotive Technology Date 2-25-09

Submitter Steven Don Chair/Dean  Date 3-9-09
Signature Signature (indicates "college" level approval)

Please provide a brief explanation & rationale for the proposed revision(s):
Beginning fall 2009 semester, both AUTO 355 and ADTI 400 are being taught by the same instructor, and have the same content, therefore one of the classes is unnecessary. AUTO 355 will be dropped and all students in the B.S. Automotive Technology degree and the automotive technology minor will be required to take ATDI 400 Shop Procedures,. ATDI 400 will be increased to 3 credits. The course content in both classes is essentially the same, thus redundancy will be eliminated, the saving of two credit hours for a faculty member. ATDI 400 is also required in the B.S. Diesel Technology and B.S. Diesel Technology – Field Maintenance Option.

Please provide the following information:

College: College of technical Sciences
Program Area: Automotive
Date: 2-20-09
Course Prefix & No.: AUTO 355

Course Title: Automotive Service Operations
Credits: 3

Required by: B.S. Automotive Technology
Automotive Technology Minor
B.S. Diesel Technology
B.S. Diesel Technology – Field Maintenance Option

Selective in:
Elective in:
General Education:

Lecture:
Lecture/Lab:
Gradable Lab:
Contact hours lecture:
Contact hours lab:

Current Catalog Description (include all prerequisites):

Proposed or New Catalog Description (include all prerequisites):

Course Outcome Objectives:

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

PROGRAM/DEGREE REVISION FORM

NEW _____ DROPPED _____ MAJOR REVISION X FOR INFORMATION ONLY _____

College Technical Sciences Program Area DIESEL Tech. B.S. Field Maint. Option Date 2-25-09

Submitter: Steven Don Dean *Gregory O. Kegel* Date 3.9.09

Signature

Signature (indicates "college" level approval)

Please provide a brief explanation & rationale for the proposed revision(s).

Starting fall 2008, ATDI 400 Shop Procedures and AUTO 355 Automotive Service Operations have the same content, therefore are redundant classes, so both classes are being combined. All Diesel Technology B.S. students are required to take ATDI 400. ATDI 400 will be increased to 3 credits (currently 2), this will allow adequate time to cover the course material.

Please provide in the space below a "before and after" picture of the program with the changes in the program noted. Attach appropriate Course Revision Forms. Please indicate changes by shading the appropriate cells.

PROPOSAL TITLE ATDI 400 Shop Procedures

**Current Program listed
in 08-09 Catalog**

Course Prefix	#	Course Title	Credits
ATDI	134	Auto/Diesel Electrical/Electronic Sys. I	4
ATDI	264	Auto/Diesel Electrical/Electronic Sys. II	4
ATDI	265	Heating & Air Conditioning	4
ATDI	384	Auto/Dies Electrical/Electronic Sys. III	4
ATDI	400	Shop Procedures	2
DIES	104	Intro to Diesel Engines	3
DIES	114	Intro to Diesel Engines lab	3
DIES	115	Intro to Diesel Fuel Systems	4
DIES	204	Intro to Hydraulics & Pneumatics	2
DIES	214	Intro to Hydraulics & Pneumatics lab	2
DIES	216	Heavy Duty power Trains	4
DIES	262	Diesel Engine Diagnosis & Repair	2
DIES	272	Diagnosis of Diesel Engine & Repair Lab	4
DIES	314	Hydraulics & Pneumatics II	4
DIES	440	Advanced Fuel Systems	4
DIES	434	Current Model year Technology	3
DIES	450	Diagnosis of power Shifts & Heavy Duty Automatics	4
ENGL	112	English Composition (CAT I)	3
ENGL	366	Technical Writing & Editing (CAT I)	3
IT	111	Industrial Safety & Waste Management	2
MATH	110	Math for Liberal Arts (CAT II)	3
METL	140	Intro to Welding & Cutting	3
METL	150	Shielded Metal Arc Welding	3
METL	154	Gas Arc Welding Processing	3
METL	155	Machining Processes	3
METL	260	Repair & Maintenance Welding	3
METL	285	Weld Certification I	3
METL	356	Weld Certification II	3
METL	357	Weld Certification III	3
TSCI	304	Fuels & Lubricants (CAT III)	3
		Advisor Approved Elective	
		CAT III - Natural Sciences	3
		CAT IV - Social Sciences/History	6
		CAT V - Cultural Diversity	3
		CAT VI - Humanities/Fine Arts	6
		CAT VII - Technology	3
		Total	119

**Proposed Program
for 09-2010 Catalog**

Course Prefix	#	Course Title	Gen-Ed Credits	Degree Credits
ATDI	134	Auto/Diesel Electrical/Electronic Sys. I		4
ATDI	264	Auto/Diesel Electrical/Electronic Sys. II		4
ATDI	265	Heating & Air Conditioning		4
ATDI	384	Auto/Dies Electrical/Electronic Sys. III		4
ATDI	400	Shop Procedures		3
DIES	104	Intro to Diesel Engines		3
DIES	114	Intro to Diesel Engines lab		3
DIES	115	Intro to Diesel Fuel Systems		4
DIES	204	Intro to Hydraulics & Pneumatics		2
DIES	214	Intro to Hydraulics & Pneumatics lab		2
DIES	216	Heavy Duty power Trains		4
DIES	262	Diesel Engine Diagnosis & Repair		2
DIES	272	Diagnosis of Diesel Engine & Repair Lab		4
DIES	314	Hydraulics & Pneumatics II		4
DIES	440	Advanced Fuel Systems		4
DIES	434	Current Model year Technology		3
DIES	450	Diagnosis of power Shifts & Heavy Duty Automatics		4
ENGL	112	English Composition(CAT I)	3	
ENGL	366	Technical Writing & Editing (CAT I)	3	
IT	111	Industrial Safety & Waste Management		2
MATH	110	Math for Liberal Arts (CAT II)	3	
METL	140	Intro to Welding & Cutting		3
METL	150	Shielded Metal Arc Welding		3
METL	154	Gas Arc Welding Processing		3
METL	155	Machining Processes		3
METL	260	Repair & Maintenance Welding		3
METL	285	Weld Certification I		3
METL	356	Weld Certification II		3
METL	357	Weld Certification III		3
TSCI	304	Fuels & Lubricants (CAT III)	3	
		Advisor Approved Elective		
		CAT III - Natural Sciences	3	
		CAT IV - Social Sciences/History	6	
		CAT V - Cultural Diversity	3	
		CAT VI - Humanities/Fine Arts	6	
		CAT VII - Technology	3	
		Total (120 total)	33	87

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

PROGRAM/DEGREE REVISION FORM

NEW _____ DROPPED _____ MAJOR REVISION X FOR INFORMATION ONLY _____

College Technical Sciences Program Area DIESEL Technology B.S. Date 2-25-09

Submitter Steven Don Dean *Stephen D. Keyel* Date 3-9-09

Signature

Signature (indicates "college" level approval)

Please provide a brief explanation & rationale for the proposed revision(s).

Starting fall 2008, ATDI 400 Shop Procedures and AUTO 355 Automotive Service Operations have the same content, therefore are redundant classes. All Diesel technology B.S. students are required to take ATDI 400. ATDI 400 will be increased to 3 credits (currently 2); ,this will allow adequate time to cover the course material.

Please provide in the space below a "before and after" picture of the program with the changes in the program noted. Attach appropriate Course Revision Forms. Please indicate changes by shading the appropriate cells.

PROPOSAL TITLE: ATDI 400 Shop Procedures

**Current Program listed
in 08-09 Catalog**

Course Prefix	#	Course Title	Credits
ATDI	134	Auto/Diesel Electrical/Electronic Sys. I	4
ATDI	257	Automatics	4
ATDI	264	Auto/Diesel Electrical/Electronic Sys. II	4
ATDI	265	Heating & Air Conditioning	4
ATDI	384	Auto/Dies Electrical/Electronic Sys. III	4
ATDI	400	Shop Procedures	2
DIES	104	Intro to Diesel Engines	3
DIES	114	Intro to Diesel Engines lab	3
DIES	115	Intro to Diesel Fuel Systems	4
DIES	204	Intro to Hydraulics & Pneumatics	2
DIES	214	Intro to Hydraulics & Pneumatics lab	2
DIES	216	Heavy Duty power Trains	4
DIES	219	Heavy Duty Chassis	4
DIES	262	Diesel Engine Diagnosis & Repair	2
DIES	272	Diagnosis of Diesel Engine & Repair Lab	4
DIES	273	Diesel Shop practices	4
DIES	314	Hydraulics & Pneumatics II	4
DIES	420	Diesel Shop management	2
DIES	440	Advanced Fuel Systems	4
DIES	434	Current Model year Technology	3
DIES	450	Diagnosis of power Shifts & Heavy Duty Automatics	4
DIES	479	Cooperative Education	6
ENGL	112	English Composition (CAT I)	3
ENGL	366	Technical Writing & Editing (CAT I)	3
MATH	110	Math for Liberal Arts (CAT II)	3
METL	140	Intro to Welding & Cutting	3
METL	155	Machining Processes	3
METL	260	Repair & Maintenance Welding	3
TSCI	304	Fuels & Lubricants (CAT III)	3
		CAT III - Natural Sciences	3
		CAT IV - Social Sciences/History	6
		CAT V - Cultural Diversity	3
		CAT VI - Humanities/Fine Arts	6
		CAT VII - Technology	3
		Total	119

**Proposed Program
for 09-2010 Catalog**

Course Prefix	#	Course Title	Gen-Ed Credits	Degree Credits
ATDI	134	Auto/Diesel Electrical/Electronic Sys. I		4
ATDI	257	Automatics		4
ATDI	264	Auto/Diesel Electrical/Electronic Sys. II		4
ATDI	265	Heating & Air Conditioning		4
ATDI	384	Auto/Dies Electrical/Electronic Sys. III		4
ATDI	400	Shop Procedures		3
DIES	104	Intro to Diesel Engines		3
DIES	114	Intro to Diesel Engines lab		3
DIES	115	Intro to Diesel Fuel Systems		4
DIES	204	Intro to Hydraulics & Pneumatics		2
DIES	214	Intro to Hydraulics & Pneumatics lab		2
DIES	216	Heavy Duty power Trains		4
DIES	219	Heavy Duty Chassis		4
DIES	262	Diesel Engine Diagnosis & Repair		2
DIES	272	Diagnosis of Diesel Engine & Repair Lab		4
DIES	273	Diesel Shop practices		4
DIES	314	Hydraulics & Pneumatics II		4
DIES	420	Diesel Shop management		2
DIES	440	Advanced Fuel Systems		4
DIES	434	Current Model year Technology		3
DIES	450	Diagnosis of power Shifts & Heavy Duty Automatics		4
DIES	479	Cooperative Education		6
ENGL	112	English Composition(CAT I)	3	
ENGL	366	Technical Writing & Editing (CAT I)	3	
MATH	110	Math for Liberal Arts (CAT II)	3	
METL	140	Intro to Welding & Cutting		3
METL	155	Machining Processes		3
METL	260	Repair & Maintenance Welding		3
TSCI	304	Fuels & Lubricants (CAT III)	3	
		CAT III - Natural Sciences	3	
		CAT IV - Social Sciences/History	6	
		CAT V - Cultural Diversity	3	
		CAT VI - Humanities/Fine Arts	6	
		CAT VII - Technology	3	
		Total (120 total)	33	87

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

Lourdes N. Munoz-Fox

From: Larry Strizich
Sent: Tuesday, March 03, 2009 9:45 AM
To: Lourdes N. Munoz-Fox
Subject: Curriculum CHanges

Lourdes – we now have enough votes on the Auto/Diesel curriculum change to pass it from the college. Could you please get it to C/C for their meeting on Thursday so we can get it through the senate ASAP.

Larry Strizich, PE
Professor of Computer and Electronics Engineering Technology
Chair of the College of Technical Sciences
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