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PROGRAM/DEGREE REQUIREMENT CHANGE (MAJOR/MINOR)

SUBMITTED BY:

Department	Diesel Technology	College/School	UAF/CTC
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See <http://www.uaf.edu/uafgov/faculty/cd> for a complete description of the rules governing curriculum & course changes.

PROGRAM IDENTIFICATION:

DEGREE PROGRAM	Diesel/Heavy Equipment	
Degree Level: (i.e., Certificate, A.A., A.A.S., B.A., B.S., M.A., M.S., Ph.D.)		Certificate

A. CHANGE IN DEGREE REQUIREMENTS: (Brief statement of program/degree changes and objectives)

We are removing the requirement of the welding classes and adding three new courses to the diesel/heavy equipment certificate. Total credit hours will remain the same. The new classes will be focused on diesel/heavy equipment and will justifiably separate the welding program from the Diesel program. By adding the new courses, students will have a more in depth knowledge in field specific repairs. In the welding classes, students learned basic welding skills. By adding the three new courses, it will enable students to learn welding specific to heavy equipment repairs, including emissions and fabrication.

B. CURRENT REQUIREMENTS AS IT APPEARS IN THE CATALOG:

1. Complete the general university requirements.
 2. Complete the following major program requirements:
 3. DSLT F101 – Safety Including Rigging and Lifting (1)
 - DSLTL F103 – Basic Equipment and Truck Operation (1)
 - DSLTL F105 – Preventative Maintenance (3)
 - DSLTL F107 – Basic Electrical Systems and Electrical Fuel Injection (3)
 - DSLTL F123 – Heavy Duty Braking Systems (3)
 - DSLTL F154 – Diesel Fuel Injection (3)
 - DSLTL F201 – Manual Transmissions and Differentials (3)
 - DSLTL F202 – Heavy Duty Automatic Transmissions (2)
 - DSLTL F254 – Engines (5)
 - MECN F103 – Starting and Charging Systems (3)
 - MECN F210 – Hydraulics (3)
 - WMT F103 – Welding I (3)
 - WMT F105 – Welding II (3)
- Minimum credits required 36

C. PROPOSED REQUIREMENTS AS IT WILL APPEAR IN THE CATALOG WITH THESE CHANGES: (Underline new wording ~~strike through old wording~~ and use complete catalog format)

1. Complete the general university requirements.
2. Complete the following major program requirements:
3. DSLT F101 – Safety Including Rigging and Lifting (1)
- DSLTL F103 – Basic Equipment and Truck Operation (1)
- DSLTL F105 – Preventative Maintenance (3)
- DSLTL F107 – Basic Electrical Systems and Electrical Fuel Injection (3)
- DSLTL F123 – Heavy Duty Braking Systems (3)
- DSLTL F154 – Diesel Fuel Injection (3)
- DSLTL F201 – Manual Transmissions and Differentials (3)
- DSLTL F202 – Heavy Duty Automatic Transmissions (2)
- DSLTL F254 – Engines (5)
- MECN F103 – Starting and Charging Systems (3)
- MECN F210 – Hydraulics (3)
- ~~WMT F103 – Welding I (3)~~
- ~~WMT F105 – Welding II (3)~~

Note:
List is
out of
numer-
ical
order.

DSLT F111 – Diesel Emissions (2)
DSLT F110 – Basic Industrial Fabrication (2)
DSLT F210- Heavy Equipment Fabrication (2)
Minimum credits required 36

D. ESTIMATED IMPACT

WHAT IMPACT, IF ANY, WILL THIS HAVE ON BUDGET, FACILITIES/SPACE, FACULTY, ETC.
None

E. IMPACTS ON PROGRAMS/DEPTS:

What programs/departments will be affected by this proposed action? Include information on the Programs/Departments contacted (e.g., email, memo)
Diesel/Heavy Equipment and Welding – Brian Rencher is the coordinator for both departments. Brian is requesting this change based on feedback from the advisory committee. bkrencher@alaska.edu

F. IF MAJOR CHANGE - ASSESSMENT OF THE PROGRAM:


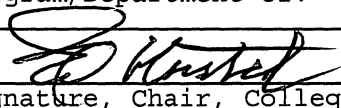
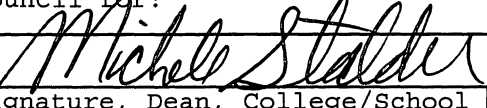

Description of the student learning outcomes assessment process.)
Classes fall in to the current assessment program setup for Diesel/Heavy Equipment

JUSTIFICATION FOR ACTION REQUESTED

The purpose of the department and campus-wide curriculum committees is to scrutinize program/degree change applications to make sure that the quality of UAF education is not lowered as a result of the proposed change. Please address this in your response. This section needs to be self-explanatory. If you drop a course, is it because the material is covered elsewhere? Use as much space as needed to fully justify the proposed change and explain what has been done to ensure that the quality of the program is not compromised as a result.

Adding these new courses broadens the diesel program's overall knowledge base. It increases the knowledge on subject specific to the diesel/heavy equipment vehicles. Emissions are an ever increasing issue that is a problem no matter where students enter the job market. It is a specialized field recognizing the importance of good emissions on diesel/heavy equipment and their operations. Fabrication classes will teach equipment specific welding processes for repairs when a piece of equipment fails due to wear and tear. The ability to fabricate and repair in the field is a needed skill within the industry. These courses will better prepare students for jobs in the diesel/heavy equipment field. This change has been recommended by the advisory committee.

APPROVALS:

	Date	10-9-12
Signature, Chair, Program/Department of:		
	Date	11-6-12
Signature, Chair, College/School Curriculum Council for:		CTC
	Date	
Signature, Dean, College/School of:		CTC
		12/3/12
		CTC Cres

ALL SIGNATURES MUST BE OBTAINED PRIOR TO SUBMISSION TO THE GOVERNANCE OFFICE

	Date	
Signature, Chair, UAF Faculty Senate Curriculum Review Committee		