2015-16 Catalog Program of Study Modification Form

Dean's Signature: Dr. Melvin O. Hawkins, Jr. **Date:** 1/26/2016

1.	**Name of Program:**	Diesel Technology Credit Diploma
2.	**Program Contact:**	Seth Robbins
3.	**Type of Program: (Choose only one)**	☐ Associate of Arts degree (60-64 credits in length) ☐ Associate of Science degree (60-64 credits in length) ☐ Associate of Applied Science degree (60-72 credits in length) ☐ Credit Certificate (30-45 credits) ☒ Credit Diploma (12-29 credits with no general education)
4.	**Program Delivery:**	☒ Face-to-face ☐ Fully online ☐ Both
5.	**Program Modification Requirements: (Check all that apply)**	☐ General Education Requirements have been provided ☐ Program requirements for the catalog has been provided ☐ Program electives for the program have been provided ☐ All 1000-level and higher prerequisites/co-requisites have been included in the total program credit hours ☐ Program sequencing has been provided ☐ 2015-16 Catalog Course Change Request forms for each course requiring a change have been provided ☒ All MCORs for new courses have been provided
6.	**Catalog Program Narrative Change?**	☐ YES ☒ NO If yes, provide the new narrative below: Please click here to enter the new program narrative.
7.	**Courses Added to Program:**	List courses here
8.	**Courses Removed from Program:**	No new courses. Increased credit hours for DESL 1650 and DESL 1755
		N/A
9.	**Rationale for Program Modifications:**	Explain how the program modifications will maintain a robust curriculum leading to a degree or certificate. DESL 1650 is being increased from four to five credit hours and DESL 1755 is being increased from three to five credit hours to better align with the diesel curriculum. When the DESL courses move to the new Flex Tech building this fall, the instructors will be offered opportunities to improve the educational experience that our students receive. The additional time that the instructors have added to DESL 1650 will allow training to be accomplished that will give our students even more knowledge to help prepare them for a successful career. The change to DESL 1755 will return that course to the structure in which it was delivered prior to Credit Diploma development in SP 2015.
10.	**Articulation:**	N/A
11.	**Administrative Procedure 2.1P:**	☐ Program meets credits required under Administrative Procedure 2.1P Degrees and Certificates ☒ Program does NOT meet credits required under 2.1P Degrees and Certificates/Exception Requested A compelling case for the variation must be made. Supporting documentation for the request citing accreditation or other professional certifying agents needs to be attached if applicable.

		The goal of this credit diploma is to train students to meet the ASE accreditated curriculum for immediate employment in the diesel career field and to meet the need for diesel technicians in the community. History has proven that many students involved with this program will take the ASE courses and not the general education courses; the credit diploma option allows for that, and the inclusion of the credit diploma in the AAS degree is done to allow those who choose to pursue an AAS to do so. When the DESL courses move to the new Flex Tech building this fall, the instructors will be offered opportunities to improve the educational experience that our students receive in DESL 1650 and DESL 1755. New equipment such as trainers will allow the instructors in DESL 1650 to explain the fuel systems in today's diesel engines in a way that we have not previously been able to. DESL 1755 Heating, Air Conditioning and Refrigeration will also change with the opening of the Flex Tech building. The height of the new building allows for not only an entire vehicle to enter the building, but for several students to work on that vehicle in a real world scenario at the same time. Many of the trailers traveling today's interstates have a refrigeration unit that allows for cold/frozen products to be delivered across the country. The additional time that the instructors have added to this course will now allow training to be accomplished that will give our students even more knowledge to help prepare them for a successful career. Also, as noted, the only change to the MCORs was an increase in credit hours to cover the additional training to the current course content and competencies. The modification in course credit hours and the increase in total credit hours for the program was discussed and reviewed with the advisory committee. The committee approved of the changes to the program.	
12.	**VPAA signed approval for Exception to Administrative Procedure 2.1P:**	**SIGNED:**	**DATE:** 3/7/16

Other relevant information from the program contact:

Click here to enter text.

Diesel Technology
Credit Diploma

The Diesel Technology program is designed to prepare students for employment in the diesel industry. The program also offers courses for those who want to upgrade their skills or meet personal objectives of learning about diesel technology.
The nine-month program is designed for full-time students and courses are offered in a sequence of blocks. The block varies from three-to-four weeks in length depending on the number of credits for each course. The diesel technology courses are designed to prepare students for the ASE certification exam.

First Year			
1st Semester	**Course**	**Title**	**Credits**
	DESL 1501	Automotive and Diesel Industrial Standards	1
	DESL 1540*	Diesel Electrical	5
	DESL 1610*	Engine Rebuilding I	5
	DESL 1650*	Diesel Fuel Systems Tuning	5
		Semester Credits	**16**
2nd Semester			
	DESL 1700*	Diesel Drive Train	5
	DESL 1755*	Heating and Air Conditioning	5
	DESL 2950*	Airbrake System, Suspension & Steering	5
		Semester Credits	**15**
		Total Credits	**31**

* This course has at least one prerequisite. Check the Course Descriptions section of the catalog to see the course prerequisites.