

PROGRAM PROPOSAL FORM

- ☐ **Preliminary Approval** – Check here when using this form for preliminary approval of a program proposal, and respond to the items in general terms.
- ☒ **Final Approval** – Check here when completing this form after the Vice President for Instruction has given preliminary approval to a program proposal. For final approval, complete information must be provided for each item.

Program Name: Division and Department: Type of Award: Effective Term/Year: Initiator:	<u>Automotive Services Technician</u> <u>Vocational Technologies, Auto</u> ☐ AA ☐ AS ☐ AAS ☒ Cert. ☐ Adv. Cert. ☐ Post-Assoc. Cert. ☐ Cert. of Comp. <u>Fall 2011</u> <u>Russ Ferguson</u>		Program Code: <u>CTASVT</u> CIP Code: <u>47.0604</u>
Program Features Program's purpose and its goals. Criteria for entry into the program, along with projected enrollment figures. Connection to other WCC programs, as well as accrediting agencies or professional organizations. Special features of the program.	This program prepares students for employment as licensed and certified automotive technicians. Students will diagnose and repair malfunctions in automobile engines, automatic and manual transmissions, suspension, steering, brakes, electrical systems, heating and air conditioning and engine management systems. The program prepares the student for the State of Michigan mechanic licensure tests as well as the National Institute for Automotive Service Excellence (ASE) certification exams. Students can earn an AAS degree by completing the requirements for the Occupational Studies Program. A student is immediately eligible to participate in this program upon acceptance to the college and has satisfied all other criteria to take college level coursework. We anticipate that the enrollment will hold steady to the current figures, approximately 225 unduplicated headcount and 600 section enrollments. The Automotive Service Program is currently certified by the North American Transportation and Education Foundation.		
Need Need for the program with evidence to support the stated need.	Students who complete the current basic certificate are not employable to the level necessary. Only by completing the advanced certificate do they receive the training and certification that allows them to be employed and earn a living wage. To remedy this situation, we wish to combine the two certificates into a single certificate.		
Program Outcomes/Assessment State the knowledge to be gained, skills to be learned, and attitudes to be developed by students in the program. Include assessment methods that will be used to determine the effectiveness of the program.	<u>Outcomes</u> 1. Diagnose, repair and service mechanical, hydraulic and electrical engine components. 2. Diagnose, repair and service major suspension, steering components and brake components.	<u>Assessment method</u> 1. NATEF Checklist 2. NATEF Checklist	

Please return completed form to the Office of Curriculum & Assessment and email an electronic copy to sjohn@wccnet.edu for posting on the website.

Curriculum List the courses in the program as they should appear in the catalog. List minimum credits required. Include any notes that should appear below the course list.	Students will complete all of the following courses: <table border="0"> <tr><td>4</td><td>ASV151</td><td>Automotive Service I</td></tr> <tr><td>4</td><td>ASV152</td><td>Automotive Service II</td></tr> <tr><td>4</td><td>ASV153</td><td>Automotive Service III</td></tr> <tr><td>4</td><td>ASV154</td><td>Automotive Service IV</td></tr> <tr><td>4</td><td>ASV155</td><td>Automotive Service V</td></tr> <tr><td>2</td><td>ASV254</td><td>Suspension and Steering</td></tr> <tr><td>2</td><td>ASV255</td><td>Brakes</td></tr> <tr><td>4</td><td>ASV256</td><td>Electrical and Electronic Systems</td></tr> <tr><td>2</td><td>ASV258</td><td>Engine Drivability</td></tr> </table> Select 2 credits from the following <table border="0"> <tr><td>2</td><td>ASV157</td><td>Repair Facility Operations and Advising*</td></tr> <tr><td>2</td><td>ABR116</td><td>The Evolution of the Automobile</td></tr> <tr><td>2</td><td>MTT102</td><td>Machining for Auto Applications</td></tr> <tr><td>2</td><td>WAF105</td><td>Welding for Art and Engineering</td></tr> </table> Select 4 credits from the following <table border="0"> <tr><td>2</td><td>ASV157</td><td>Repair Facility Operations and Advising*</td></tr> <tr><td>1-3</td><td>ASV174</td><td>ASV Co-op Education I</td></tr> <tr><td>2</td><td>ASV251</td><td>Engine Diagnosis and Repair</td></tr> <tr><td>2</td><td>ASV252</td><td>Automatic Transmissions</td></tr> <tr><td>2</td><td>ASV253</td><td>Manual Drivetrain and Axles</td></tr> <tr><td>2</td><td>ASV257</td><td>Heating and Air Conditioning Systems</td></tr> <tr><td>4</td><td>ASV259</td><td>Diagnosis and Repair</td></tr> <tr><td>2</td><td>ASV261</td><td>Alternative Fuels and Hybrid Vehicles</td></tr> <tr><td>2</td><td>ASV262</td><td>Diesel Technology</td></tr> <tr><td>2</td><td>ASV263</td><td>Vehicle Performance</td></tr> <tr><td>4</td><td>ASV269</td><td>Performance Automotive</td></tr> </table> Maximum of 36 credits for a certificate at WCC. * Can only be taken once.			4	ASV151	Automotive Service I	4	ASV152	Automotive Service II	4	ASV153	Automotive Service III	4	ASV154	Automotive Service IV	4	ASV155	Automotive Service V	2	ASV254	Suspension and Steering	2	ASV255	Brakes	4	ASV256	Electrical and Electronic Systems	2	ASV258	Engine Drivability	2	ASV157	Repair Facility Operations and Advising*	2	ABR116	The Evolution of the Automobile	2	MTT102	Machining for Auto Applications	2	WAF105	Welding for Art and Engineering	2	ASV157	Repair Facility Operations and Advising*	1-3	ASV174	ASV Co-op Education I	2	ASV251	Engine Diagnosis and Repair	2	ASV252	Automatic Transmissions	2	ASV253	Manual Drivetrain and Axles	2	ASV257	Heating and Air Conditioning Systems	4	ASV259	Diagnosis and Repair	2	ASV261	Alternative Fuels and Hybrid Vehicles	2	ASV262	Diesel Technology	2	ASV263	Vehicle Performance	4	ASV269	Performance Automotive
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Budget Specify program costs in the following areas, per academic year:	<table border="1"> <thead> <tr> <th></th> <th>START-UP COSTS</th> <th>ONGOING COSTS</th> </tr> </thead> <tbody> <tr> <td>Faculty</td> <td>0</td> <td>Currently Budgeted</td> </tr> <tr> <td>Training/Travel</td> <td>0</td> <td>Currently Budgeted</td> </tr> <tr> <td>Materials/Resources</td> <td>0</td> <td>Currently Budgeted</td> </tr> <tr> <td>Facilities/Equipment</td> <td>0</td> <td>Currently Budgeted</td> </tr> <tr> <td>Other</td> <td>0</td> <td>Currently Budgeted</td> </tr> <tr> <td>TOTALS:</td> <td>\$ 0</td> <td>Currently Budgeted</td> </tr> </tbody> </table>				START-UP COSTS	ONGOING COSTS	Faculty	0	Currently Budgeted	Training/Travel	0	Currently Budgeted	Materials/Resources	0	Currently Budgeted	Facilities/Equipment	0	Currently Budgeted	Other	0	Currently Budgeted	TOTALS:	\$ 0	Currently Budgeted																																																			
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Program Description for Catalog and Web site	This program prepares students for employment as a certified automotive technician. Students will diagnose and repair malfunctions in automobile engines, suspensions and steering systems, brakes, electrical and electronic systems and engine drivability issues. This program also offers opportunities to explore vehicle performance, diesel, alternative fuel vehicles, hybrid vehicles and to participate in the building of performance vehicles. The program prepares the student for the State of Michigan Mechanic Certification tests as well as the National Institute for Automotive Service Excellence (ASE) Certification Exams. Students can earn an AAS degree by completing the requirements for the Occupational Studies Program.																																																																										

Program Information	Accreditation/Licensure - NATEF Advisors - Advisory Committee – Already in place. Admission requirements – None. Articulation agreements – Already in place. Continuing eligibility requirements – None.
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Assessment plan:

Program outcomes to be assessed	Assessment tool	When assessment will take place	Courses/other populations	Number students to be assessed
Diagnose, repair and service mechanical, hydraulic and electrical engine components.	NATEF Checklist	Fall 2012 and every 3 years thereafter	Graduates who completed ASV 251, 252, 253, 256 and 258	Approximately 30
Diagnose, repair and service major suspension, steering components and brake components,	NATEF Checklist	Fall 2012 and every 3 years thereafter	Graduates who completed ASV 254 and 255	Approximately 30

Scoring and analysis plan:

1. Indicate how the above assessment(s) will be scored and evaluated (e.g. departmentally developed rubric, external evaluation, other). Attach the rubric.

NATEF Checklist will be scored using the attached rubric.

2. Indicate the standard of success to be used for this assessment.

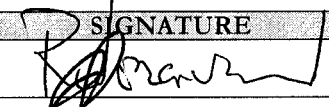
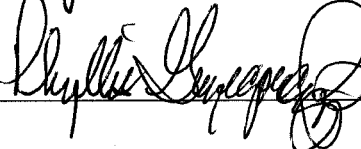
80% of the students will score an overall average of 80% or higher on the relevant skills

3. Indicate who will score and analyze the data.

Faculty will blind-score the data whenever possible.

4. Explain how and when the assessment results will be used for program improvement.

Assessment data will be evaluated to identify any areas of weakness. Program and course instruction will be reviewed to identify ways to improve student performance.

REVIEWER	PRINT NAME	SIGNATURE	DATE
Department Chair/Area Director	RUSSELL FERGUSON		4/20/2010
Dean	DAVE GREENE		4/20/10
Vice President for Instruction ☐ Approved for Development ☒ Final Approval	PHYLLIS GRZEGORCZYK		5.18.10
President			
Board Approval			

for logged 4/20/10 sfl
Office of Curriculum & Assessment