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## **Course Proposals**

List of all proposals Proposal has been updated. Course Name: Automotive Engines Course Prefix: AUSV Course Number: 1120 Submitted by (Name & E-Mail): John Kelly, jkelly1@weber.edu Submission Date: 11/16/2013 (mm/dd/yyyy) College: Applied Science & Technology Department: Automotive Technology + From Term: Fall **‡**][ 2014 **‡** definition Substantive Nonsubstantive New Course Current Course Subject AUSV Revision of an Existing Course Current Course Number 1120 Delete a Course Change to the course number. This course is equivalent to Experimental Course (Catalog numbers 2810, 3810, 4810, 5810, 6810) definition Variable Title Course definition If this is a change to an existing course or a course deletion, please copy and paste the current course information from the on-line catalog (include subject, gen ed designation, number, title, credit hours, description & prerequisites). AUSV 1120 - Automotive Engines Credits: (3) Typically taught: Fall [Full Sem] Theory, operation, diagnosis, repair, and overhaul of automotive engines. Prerequisite: AUSV 1000. New/Revised Course Information: Check all that apply: This is for courses already approved for gen ed. Subject: Use a different form for proposing a new gen ed designation. DV SI CA HU LS PS SS Course Number: 1120 ■EN ■AI ■QL ■TA ■TB ■TC ■TD ■TE Course Title: Automotive Engines 1 Abbreviated Course Title (Limited to 30 characters): Automotive Engines 1 Course Type: OLEC - Regular class without lab LEL - Regular class with incorporated lab LAB - Separate section in a laboratory setting SUP - Supervision at Remote Site (e.g., clinical, internships, practica, etc.) INV - Individualized Instruction (e.g., directed readings, etc.) OTHE - Thesis Credit

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Credit Hours: 2 <u>or</u> if variable	hours: Or To
Contact Hours: Lecture 1 Lab 4 Other	
Repeat Information: Limit 0 +	Max Hrs 0 ‡
Limit=number of times course can be ourse cannot be repeated for addition	
Grading Mode:  Standard Letter	Credit/No Credit
This course is/will be:	<ul> <li>✓a required course in a major program</li> <li>□a required course in a minor program</li> <li>✓a required course in a 1- or 2- year program</li> <li>□elective</li> </ul>
Prerequisites/Co-requisites (also list these at the end of the course description):	
None	
Course description (exactly as it will appear in the catalog, including prerequisites):	
AUSV 1120 – Automotive Engines	
Theory, operation, diagnosis, repair, and overhaul of automotive engines.	

**Justification** for the new course or for changes to an existing course. (Note: Justification should emphasize <u>academic rationale</u> for the change or new course. This is particularly important for courses requesting upper-division status.)

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Automobiles and the automotive industry are constantly changing because of U.S. Environmental Protection Agency (EPA) emissions regulations, National Highway Traffic Safety Administration (NHTSA) Federal Motor Vehicle Safety Standards (FMVSS), Corporate Average Fuel Economy (CAFE) regulations, and customer demand for more fuel-efficient vehicles. Recently enacted fuel economy and alternate fuel regulations are forcing even more changes in the automotive industry. As a result of all of these changes, our department's accreditation agency, the National Automotive Technicians Education Foundation (NATEF) has increased the required technical tasks students must master along with the number of hours required to teach those tasks. The changes we are proposing will allow us to meet the new accreditation standards as well as allow better alignment with concurrent enrollment high schools offering automotive courses. This will now be a two-part class. We have setup concurrent enrollment agreements with high school automotive programs in the Weber and Davis County area. They can teach the Part 1 course and we will teach the Part 2 course. We will also offer the Part 1 course for non-concurrent enrollment students. This course required for the NATEF accreditation of our program. Nonsubstantive proposals stop here and go to the bottom of the form to submit the proposal INFORMATION PAGE for substantive proposals only 1. Did this course receive unanimous approval within the Department? • Yes No If not, what are the major concerns raised by the opponents?

2. If this is a <u>new course proposal</u>, could you achieve the desired results by revising an existing course within your department or by requiring an existing course in another department? Explain.

3. If this is a <u>new course proposal</u> , how will the proposed course differ from similar offerings by other departments? Comment on any subject overlap between this course and topics generally taught by other departments, even if no similar courses are currently offered by the other departments. Explain any effects that this proposal will have on program requirements or enrollments in other department. Please forward letters (email communication is sufficient) from all departments that you have identified above stating their support or opposition to the proposed course.
4. Is this course required for certification/accreditation of a program? •Yes No
If so, a statement to that effect should appear in the justification and supporting documents should accompany this form.
5. For course proposals, attach a copy of the course syllabus to the form your are submitting to the Faculty Senate office. The syllabus should be sufficiently detailed so that committees can determine that the course is at the appropriate level and matches the description. There should be an indication of the amount and type of outside activity required in the course (projects, research papers, homework, etc.).
Please mail a signed approval page to the Faculty Senate Office, MA 210J, MC 1033.
Submit Proposal has been updated.
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