

Purdue Northwest Curriculum Document Coversheet

Document No: <small>(According to Instructions¹)</small>	COT 17-13 REV COURSE MET 38200	Approval by Faculty Senate: <small>(Leave Blank)</small>	November 10, 2017
Proposed Effective Date	Spring, 2018	Date Reviewed by Senate Curriculum Committee: <small>(Leave blank)</small>	October 13, 2017
Submitting Department: <small>(Name of both Dept & College/School)</small>	ET / COT	Name(s) of Library Staff Consulted: <small>(NA if not required)</small>	NA
Date Reviewed by Department	October 24, 2016		
Submission Date: <small>(Date sent to College/School Curr Comm after Dept Review)</small>	August 18, 2017	Will New Library Resources Used?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <small>Double-click to check Yes / No.</small>
Date Reviewed by College/School Curriculum Committee	September 01, 2017	Form 40 Needed? <small>(Double-click one box.) Registrar will complete Form 40 after Senate approval of document.</small>	<input checked="" type="checkbox"/> Yes New courses or any course change, check YES <input type="checkbox"/> No For all other curriculum matters, check NO .
Contact Person(s): <small>(Name & Title)</small>	Professor James Higley		

Unless marked "Leave blank" all parts of this form must be filled in **before** sending to Secretary of the Faculty Senate.

<p>Task (check all that apply and fill out sections appropriate for each change).</p> <p><input type="checkbox"/> Program/Concentration Change or New Program/Concentration Proposal: Complete Section I, III, & IV</p> <p><input type="checkbox"/> Minor Change or New Minor Proposal: Complete Section I (delete sections III & IV)</p> <p><input type="checkbox"/> Certificate Change or New Certificate Proposal: Complete Section I (delete sections III & IV)</p> <p><input checked="" type="checkbox"/> Course Change or New Course Proposal: Complete Section II (delete sections III & IV)</p>
<p>Program name. Mechanical Engineering Technology</p>
<p>Degree name(s). (If applicable.) Mechanical Engineering Technology</p>

¹ <http://faculty.pnw.edu/blog/curriculum-document-approval-procedures/>

Section I: This section is for changes in programs, minors and certificates

List the major changes in each program of study, minor or certificate.
Impact on Students. (State "N/A" if proposal will not greatly affect students.)
Impact on University Resources. (State "N/A" if proposal will not require new resources, faculty or funds.)
Impact on other Academic Units. (State "N/A" if proposal will not affect other units)

Section II: This section is for changes in courses only

Subject. (Brief description of proposed change) Change Prerequisite on MET 38200, Controls and Instrumentation for Automation
Justification. (Briefly list main reasons for proposed change, addition or deletion.) Course MET 38200 was offered primarily at the North Central campuses prior to campus merger with different prerequisites. This document unifies the prerequisites after the merger based on the course content and location in the plan of study.

Use the **Current** and **Proposed** spaces below for course changes only. Otherwise, mark "N/A"

<p>Current: (Course changes: include entire <u>present</u> catalog information. Leave blank if new course)</p> <p>MET 38200 - Controls And Instrumentation For Automation</p> <p>Credit Hours: 3.00. Study of the procedures and techniques essential to industrial measurement and transmission of data is provided in the areas of microprocessor control, process control, and automated testing. Concepts of hysteresis, repeatability, weighted signals, span, suppression, range, and closed loop control are emphasized. Typically offered Fall Spring Summer. 0.000 OR 3.000 Credit hours Levels: Graduate, Professional, Undergraduate Schedule Types: Distance Learning, Laboratory, Lecture All Sections for this Course Engineering Technology-PNW Department Course Attributes: Upper Division Prerequisites: (Undergraduate level PHYS 21900 Minimum Grade of D or Undergraduate level PHYS 22100 Minimum Grade of D) and Undergraduate level MA 22300 Minimum Grade of D and Undergraduate level CNIT 17500 Minimum Grade of D</p>	<p>Proposed: (Course changes: include entire <u>new</u> catalog information.)</p> <p>MET 38200 - Controls And Instrumentation For Automation</p> <p>Credit Hours: 3.00. Study of the procedures and techniques essential to industrial measurement and transmission of data is provided in the areas of microprocessor control, process control, and automated testing. Concepts of hysteresis, repeatability, weighted signals, span, suppression, range, and closed loop control are emphasized. Typically offered Fall Spring Summer. 0.000 OR 3.000 Credit hours Syllabus Available Levels: Graduate, Professional, Undergraduate Schedule Types: Distance Learning, Laboratory, Lecture All Sections for this Course Engineering Technology-PNW Department Course Attributes: Upper Division Prerequisites: PHYS 22100 and MA 16019 and ECET21400</p>
<p>Is this course also: <input type="checkbox"/> General Education</p>	<p>Currently Designated ExL (see instructions²) <input type="checkbox"/></p>
<p>Course Objectives / Learning Outcomes. (New courses only. List main outcomes. If lengthy, attach separate page.)</p>	
<p>Impact on Students. (State "N/A" if proposal will not greatly affect students.) N/A</p>	
<p>Impact on University Resources. (State "N/A" if proposal will not require new resources, faculty or funds.) N/A</p>	
<p>Impact on other Academic Units. ((Include name of person in affected area this was discussed with.) N/A</p>	

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