

Purdue Northwest Curriculum Document Coversheet

Document No: <small>(According to Instructions¹)</small>	COT 17-11 REV COURSE MET 32500	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.)(Include name of person in affected area discussed with)

Section II: This section is for changes in courses only

Subject. (Brief description of proposed change, addition or deletion.) Change Prerequisite on MET 32500, Applied Thermodynamics I
Justification. (Briefly list main reasons for proposed change, addition or deletion.) Course MET 32500 was offered on both the Calumet and 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 32500 - Applied Thermodynamics I</p> <p>Credit Hours: 3.00. Applications of perfect gas laws, steam tables, principles of conservation of mass and energy, and heat transfer as they apply to power plants, engines, pumps, fans and refrigeration systems. Typically offered Fall Spring Summer. 3.000 Credit hours</p> <p>Levels: Graduate, Professional, Undergraduate</p> <p>Schedule Types: Distance Learning, Lecture</p> <p>Engineering Technology-PNW Department</p> <p>Prerequisites: Undergraduate level MA 21900 Minimum Grade of D- and Undergraduate level PHYS 22000 Minimum Grade of D-</p>	<p>Proposed: (Course changes: include entire <u>new</u> catalog information.)</p> <p>MET 32500 - Applied Thermodynamics I</p> <p>Credit Hours: 3.00. Applications of perfect gas laws, steam tables, principles of conservation of mass and energy, and heat transfer as they apply to power plants, engines, pumps, fans and refrigeration systems. Typically offered Fall Spring Summer. 3.000 Credit hours</p> <p>Levels: Graduate, Professional, Undergraduate</p> <p>Schedule Types: Distance Learning, Lecture</p> <p>Engineering Technology-PNW Department</p> <p>Prerequisites: PHYS 22000 and MA 16021</p>
<p>Is this course also: <input type="checkbox"/> General Education</p>	<p>Currently Designated ExL (see instructions²) <input type="checkbox"/></p>

Course Objectives / Learning Outcomes. (New courses only. List main outcomes. If lengthy, attach separate page.)
Impact on Students. (State "N/A" if proposal will not greatly affect students.) Make registration uniform at both campus locations.
Impact on University Resources. (State "N/A" if proposal will not require new resources, faculty or funds.) N/A
Impact on other Academic Units. (State "N/A" if proposal will not affect other units.) (Include name of person in affected area this was discussed with.) N/A

(Boxes will expand and spill over onto next page to accommodate your typing.)

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