Purdue Northwest Curriculum Document Coversheet

Document No: (According to Instructions[1])	COT 17-15 REV COURSE MET 46100	**Approval by Faculty Senate:** (Leave Blank)	November 10, 2017
Proposed Effective Date	Spring, 2018	**Date Reviewed by Senate Curriculum Committee:** (Leave blank)	October 13, 2017
Submitting Department: (Name of both Dept & College/School)	ET / COT	**Name(s) of Library Staff Consulted:** (NA if not required)	NA
Date Reviewed by Department	October 24, 2016		
Submission Date: (Date sent to College/School Curr Comm after Dept Review)	August 18, 2017	**Will New Library Resources Used?**	☐ **Yes** ☒ **No** Double-click to check Yes / No.
Date Reviewed by College/School Curriculum Committee	September 01, 2017	**Form 40 Needed?** (Double-click one box.) Registrar will complete Form 40 **after** Senate approval of document.	☒ **Yes** New courses or any course change, check **YES** ☐ **No** For **all other** curriculum matters, check **NO**.
Contact Person(s): (Name & Title)	Professor James Higley		

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

Task (check all that apply and fill out sections appropriate for each change).

☐ Program/Concentration Change or New Program/Concentration Proposal: Complete Section I, III, & IV

☐ Minor Change or New Minor Proposal: Complete Section I (delete sections III & IV)

☐ Certificate Change or New Certificate Proposal: Complete Section I (delete sections III & IV)

☒ Course Change or New Course Proposal: Complete Section II (delete sections III & IV)

Program name. Mechanical Engineering Technology

Degree name(s). (If applicable.) Mechanical Engineering Technology

[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, addition or deletion.) Change Prerequisite on MET 46100, Computer Integrated Design and Manufacturing
Justification. (Briefly list main reasons for proposed change, addition or deletion.) Course MET 46100 was offered only at the Calumet campus prior to the campus merger. As part of the merger, other courses numbers have changed and the prerequisites must be updated to match.

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

Current: (Course changes: include entire present catalog information. Leave blank if new course)	**Proposed:** (Course changes: include entire new catalog information.)
MET 46100 - Computer Integrated Design And Manufacturing Credit Hours: 3.00. A combination of lecture and laboratory projects demonstrating the integration of all phases of a product's life cycle from conception through recycling. Laboratory projects include designing parts, graphical finite element analysis, rapid phototyping, computer controlled manufacturing, and testing all using a common, three dimensional graphical database. 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:** Experiential Learning, Exl-Design Projects **Prerequisites:** Undergraduate level MET 20500 Minimum Grade of D- or Undergraduate level MET 10200 Minimum Grade of D- and Undergraduate level MET 21100 Minimum Grade of D- and Undergraduate level MET 24200 Minimum Grade of D-	**MET 46100 - Computer Integrated Design And Manufacturing** Credit Hours: 3.00. A combination of lecture and laboratory projects demonstrating the integration of all phases of a product's life cycle from conception through recycling. Laboratory projects include designing parts, graphical finite element analysis, rapid phototyping, computer controlled manufacturing, and testing all using a common, three dimensional graphical database. 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:** Experiential Learning, Exl-Design Projects View Books **Prerequisites:** **MET 10200 and MET 21100 and MET 24200**

Is this course also:	☐ **General Education**	**Currently Designated ExL (see instructions[2])** ☒

Course Objectives / Learning Outcomes. (New courses only. List main outcomes. If lengthy, attach separate page.)
Impact on Students. (State "N/A.) 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.) N/A

[2] http://faculty.pnw.edu/blog/curriculum-document-approval-procedures/