

Purdue Northwest Curriculum Document Coversheet

Document No: <small>(According to Instructions¹)</small>	COT 17-05 REV COURSE IET 41100	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>	N/A
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>	Susan Scachitti		

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.)</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 IET 41100, Appl Lean & Six Sigma Methods

Justification. (Briefly list main reasons for proposed change, addition or deletion.) Course IET 41100 was offered on both the Calumet and North Central campuses prior to campus merger. The prerequisite for the course on the Calumet campus was IET 27300 or IET 35500. There was no prerequisite for the course on the North Central campus. This difference of prerequisites when the campuses combined created system inconsistencies. Prerequisite should be updated for PNW course IET 41100.

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> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p>IET 41100 - Applications Of Lean And Six Sigma Methodologies</p> </div> <p>Credit Hours: 3.00. This hands-on course focuses on emerging business practices that are geared toward making an organization more effective and efficient. Highlighted topics will include use of lean and six sigma methodologies in today's business environments. These methods are used for achieving long term profits through customer satisfaction, waste elimination, and elevation of employee skills to eliminate waste and defects at the source. Application of these methods in various environments such as service, health care and manufacturing organizations will be explored. Students are expected to work in teams to apply systematic problem solving processes to solve case studies and/or real-world issues. Supporting concepts such as implementation of new business practices and culture change will also be explored. Typically offered Fall Spring.</p> <p>Levels: Graduate, Professional, Undergraduate Schedule Types: Distance Learning, Individual Study, Lecture Engineering Technology-PNW Department Course Attributes: Upper Division Prerequisites: Undergraduate level IET 27300 Minimum Grade of D- and Undergraduate level IET 35500 Minimum Grade of D-</p>	<p>Proposed: (Course changes: include entire <u>new</u> catalog information.)</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p>IET 41100 - Applications Of Lean And Six Sigma Methodologies</p> </div> <p>Credit Hours: 3.00. This hands-on course focuses on emerging business practices that are geared toward making an organization more effective and efficient. Highlighted topics will include use of lean and six sigma methodologies in today's business environments. These methods are used for achieving long term profits through customer satisfaction, waste elimination, and elevation of employee skills to eliminate waste and defects at the source. Application of these methods in various environments such as service, health care and manufacturing organizations will be explored. Students are expected to work in teams to apply systematic problem solving processes to solve case studies and/or real-world issues. Supporting concepts such as implementation of new business practices and culture change will also be explored. Typically offered Fall Spring. 3.000 Credit hours Levels: Graduate, Professional, Undergraduate Schedule Types: Distance Learning, Individual Study, Lecture Engineering Technology-PNW Department Course Attributes: Upper Division Prerequisites: IET 27300 or IET 35500 or IET 36400</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. (State "N/A" if proposal will not affect other units)N/A</p>	

² <http://faculty.pnw.edu/blog/curriculum-document-approval-procedures/>