**Purdue Northwest Curriculum Document Coversheet**

|  |  |  |  |
| --- | --- | --- | --- |
| **Document No:**(According to [Instruction](http://faculty.pnw.edu/blog/curriculum-document-approval-procedures/)s[[1]](#footnote-1)) | COT 18-33 REV PROG MET  | **Approval by Faculty Senate:** (Leave Blank) | 5/3/19 |
| **Proposed Effective Date**  |  Fall 2019 | **Date Reviewed by Senate Curriculum****Committee:** (Leave blank) | 4/19/19 |
| **Submitting Department:**(Name of both Dept & College/School ) | Engineering TechnologyCollege of Technology | **Name(s) of Library Staff Consulted:** (NA if not required) |  |
| **Date Reviewed by Department**  | 3/22/19 |  |  |
| **Submission Date:**(Date sent to College/School Curr Comm after Dept Review) | 3/22/19 | **Will New Library****Resources Used?** | [ ]  **Yes**[x]  **No** Double-click to check Yes / No. |
| **Date Reviewed by College/School Curriculum Committee**  | 3/22/19 | **Form 40 Needed?**(Double-click one box.)Registrar will complete Form 40 **after** Senate approval of document. | [x]  **Yes** New courses or any course change, check **YES**[ ]  **No** For **all other** curriculum matters, check **NO**. |
| **Contact Person(s):**(Name & Title) | Susan ScachittiProfessor, Industrial Engineering Technology |  |  |

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).** [x]  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.)B.S. |

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

|  |
| --- |
| **List the major changes in each program of study, minor or certificate.** Course MET 21100 has been split into a separate lecture and lab component. MET 21100 4cr will now appear on the student plan of study as MET 21101 3cr and MET 21102 1cr. Also, notes 4 and 5 were updated for additional clarification of course requirements. |
| **Impact on Students.** (State “N/A” if proposal will not greatly affect students.)By providing a lab course separate from the lecture of MET 21101, students will be provided more flexibility when taking this course. Some transfer students will have the option of taking the lab only which is often a component missing for transfer students. With the current offering, they need to take both lecture and lab even if they have previously taken the lecture. This also allows students to re-take the lecture or lab portion only if needed. |
| **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 discussed with)The CEMT program offers an equivalent lecture portion of the current MET 21100 course but CEMT students do not require a lab component. The separation of lecture from lab allows the MET 21101 lecture course to be cross listed with the equivalent CEMT lecture course.  |

***Document No:***

## Section III: PLAN OF STUDY REVISION

**Degree Name:**

Bachelors of Science in Mechanical Engineering Technology

**Degree Requirements**

**PNW General Education Core**

| **Core Categories** | **Credits** | **Courses:** Enter “Select from list” or designate course(s) from list |
| --- | --- | --- |
| English Composition  | 6 | ENGL 10400 - English Composition I ENGL 22000 - Technical Report Writing  |
| Speech Communication | 3 | COM 11400 - Fundamentals of Speech Communication  |
| Quantitative Reasoning  | 3 | MA 14700 - Algebra and Trigonometry For Technology or MA 15300 - College Algebra  |
| Natural Sciences  | 8 | PHYS 22000 - General Physics PHYS 22100 - General Physics  |
| Technology | 3 | MET 10000 - Production Drawing And Computer-Aided Design  |
| Humanities | 3 | Select from the Humanities Core list  |
| Social Sciences | 3 | Select from the Social Sciences Core list  |
| First-Year Experience (FYE) | 1 | MET 16100 - Introduction To Engineering Technology  |
| **Total** (minimum)  | 30 |  |

### Other Required Courses

**MET/IET Electives** (6 Credits) - Any two 30000 level or higher MET or IET courses or MCET 38200 or MCET 48200 (Suggested MET and IET courses include: MET 30300, MET 34700, MET 30500, MET 31500, MET 41100, MET 42000, MET 42100, MET 42600, IET 31000, IET 37801, IET 35500, IET 40200, IET 41100). 6 credits

**CHM/Tech Elective** (3 Credits) - One (1) Chemistry (CHM) course (excluding CHM 10300) or MCET 38200. An alternate technically based course (such as Math, Science or other COT course) may be taken with advisor approval. 3 credits

**COM/OLS Elective -** One (1) COM or OLS course 30000 level or higher3 credits

**Computer Programming Course -** One (1) programming course, ECET or CIT with advisor approval 3 credits

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Total Other Required Courses 15 credits

### Core: Required Courses

ECET 21401 - Introduction To Electricity And Electronics 3 credits

IET 30800 - Engineering Project Management And Economic Analysis 3 credits

IET 35200 - Operations Management 3 credits

MA 14800 - Algebra And Trigonometry For Technology II or MA 15400 - Trigonometry  3 credits

MA 16019 - Applied Calculus I For Technology 4 credits

MA 16021 - Applied Calculus II And Differential Equations 3 credits

MET 10101 - Introduction To Parametric Modeling 3 credits

MET 10200 - Production Design And Specifications 3 credits

MET 11800 - Applied Mechanics: Statics 3 credits

MET 14100 - Materials I 3 credits

MET 16200 - Computational Analysis Tools In MET 1 credits

MET 21101 - Applied Strength Of Materials 3 credits

MET 21102 - Applied Strength Of Materials lab 1 credits

MET 21300 – Dynamics 3 credits

MET 21501 - Applied Machine Elements 3 credits

MET 23000 - Fluid Power 3 credits

MET 24200 - Manufacturing Processes II 3 credits

MET 31300 - Applied Fluid Mechanics 3 credits

MET 32500 - Applied Thermodynamics I 3 credits

MET 32900 - Applied Heat Transfer 3 credits

MET 38200 – Controls and Instrumentation for Automation 3 credits

MET 46100 - Computer Integrated Design And Manufacturing 3 credits

MET 49500 - Senior Project Survey 3 credits

MET 49700 - Senior Project 3 credits

OLS 30000 - Safety And Health For Engineering Technologies 3 credits

STAT 30100 - Elementary Statistical Methods 3 credits

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Total Core 75 credits

**Total credits required for baccalaureate degree: \_120\_\_\_\_\_\***

**\***For degree programs that require an excess of 120 credit hours, provide explanation and attach documentation, if appropriate.

**Section IV: For all Program Changes;**

Degree Name: **Mechanical Engineering Technology**

## Current Semester by Semester

| **SEMESTER 1 - Program Requirements (Course Title)** | **Subject Code/ Course Number** | **Semester Offered**  | **Credit Hours** | **Gen Ed** | **Min Grade** | **Also Allowed** | **Pre/Co-requisite Courses** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Algebra & Trig for Technology I | MA 14700 |  | 3 | GEQR |  | MA 15300 | MA 11500 or ALEKS Math Placement 045 |
| English Composition I | ENGL 10400 |  | 3 | GEWR | C- | ENGL 10100 | High School Grades |
| Intro to Engineering Technology | MET 16100 | FA | 1 | GEWE GETS GEUR |  |  |  |
| Production Drawing & CAD | MET 10000 | FA, SP (H) | 3 | GECU |  |  |  |
| Manufacturing Processes II | MET 24200 | FA, SP (H) | 3 |  |  |  | Co-requisite: MET 10000 |
| Fundamentals of Speech | COM 11400 |  | 3 | GESL |  |  |  |

| **SEMESTER 2 - Program Requirements (Course Title)** | **Subject Code/ Course Number** | **Semester Offered**  | **Credit Hours** | **Gen Ed** | **Min Grade** | **Also Allowed** | **Pre/Co-requisite Courses** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Algebra & Trig for Technology II | MA 14800 |  | 3 |  |  | MA 15400 | MA 14700 or MA 15300 or ALEKS Math Placement 60 |
| Applied Mechanics Statics | MET 11800 (m) | SP , FA (H) | 3 |  |  | MET 11100 | COREQUISITE: MA 14800 or MA 15400 |
| Materials I | MET 14100 | SP , FA (H)  | 3 |  |  |  | MA 14700 or MA 15300 |
| Computational Analysis Tools | MET 16200 | SP | 1 |  |  |  |  |
| Intro. to Parametric Modeling | MET 10100 | SP | 3 |  |  |  | MET 10000 |
| Social Science Elective |  |  | 3 | GESB |  |  |  |

| **SEMESTER 3 - Program Requirements (Course Title)** | **Subject Code/ Course Number** | **Semester Offered**  | **Credit Hours** | **Gen Ed** | **Min Grade** | **Also Allowed** | **Pre/Co-requisite Courses** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Calculus for Technology I | MA 16019 |  | 4 |  |  | MA 16300 | MA 14800 or MA 15400 or ALEKS Math Placement 75 |
| Applied Strength of Materials | MET 21100 (m) | FA | 4 |  |  |  | MET 11800 or MET 11100 and Pre/ Co-req: MA 16019 |
| General Physics I | PHYS 22000 |  | 4 | GESC |  |  | MA 14800 or MA 15400 |
| Dynamics | MET 21300 (m) | FA, SP (H) | 3 |  |  |  | MET 11800 or MET 11100 and Pre/ Co-req: MA 16019 |

| **SEMESTER 4 - Program Requirements (Course Title)** | **Subject Code/ Course Number** | **Semester Offered**  | **Credit Hours** | **Gen Ed** | **Min Grade** | **Also Allowed** | **Pre/Co-requisite Courses** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Production Drawing | MET 10200 | SP | 3 |  |  |  | MET 10100 and MET 16200 |
| Fluid Power | MET 23000 | SP | 3 |  |  |  | PHYS 22000  |
| Applied Calc II and Diff. Eqs. | MA 16021 |  | 3 |  |  | MA 22400 or MA16400 |  |
| Machine Elements | MET 21501 (m) | SP, FA (H) | 3 |  |  |  | MET 21100 and MET 21300 |
| Technical Report Writing | ENGL 22000 | ALL | 3 | GEWR |  |  | ENGL 10000, 10100,10400, or 10800 |

| **SEMESTER 5 - Program Requirements (Course Title)** | **Subject Code/ Course Number** | **Semester Offered**  | **Credit Hours** | **Gen Ed** | **Min Grade** | **Also Allowed** | **Pre/Co-requisite Courses** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Electricity Fundamentals | ECET 21400 |  | 3 |  |  |  |  |
| Applied Heat Transfer | MET 32900 | FA | 3 |  |  |  | PHYS 22000 & MA 16021 |
| General Physics II | PHYS 22100 |  | 4 | GESC |  |  | PHYS 22000 |
| Engineering Project Management & Economic Analysis | IET 30800 | FA, SP (H) | 3 |  |  | IET 45100 | Junior or Senior standing |
| Elementary Statistical Methods I | STAT 30100 |  | 3 |  |  |  | MA 14700 or 15300 or College Level Mathematics  |

| **SEMESTER 6 - Program Requirements (Course Title)** | **Subject Code/ Course Number** | **Semester Offered**  | **Credit Hours** | **Gen Ed** | **Min Grade** | **Also Allowed** | **Pre/Co-requisite Courses** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Operations Management | IET 35200 | SP | 3 |  |  | IET 22400 | STAT 30100 |
| Controls & Instr. for Automation | MET 38200 | SP | 3 |  |  |  | MA 16019 and Phys 22000 and ECET 21401 |
| Safety and Health for the Technologies | OLS 30000 |  | 3 |  |  |  | Junior or Senior standing |
| Computer Programming Course  |  |  | 3 |  |  |  |  |
| Applied Thermodynamics | MET 32500 | SP | 3 |  |  |  | MA 16021 and PHYS 22000 |

| **SEMESTER 7 - Program Requirements (Course Title)** | **Subject Code/ Course Number** | **Semester Offered**  | **Credit Hours** | **Gen Ed** | **Min Grade** | **Also Allowed** | **Pre/Co-requisite Courses** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Comp Integrated Design & Manufacturing | MET 46100 | FA | 3 |  |  | MET 41100 | MET 10200 and MET 21100 |
| Applied Fluid Mechanics | MET 31300 | FA | 3 |  |  |  | MET 23000 and MA 16021 |
| MET / IET Elective  |  | FA,SP | 3 |  |  |  |  |
| Senior Project Survey | MET 49500 | FA, SP (H) | 3 |  |  |  | IET 30800 and MET 21501And pre / co-requisite: OLS 30000 |
| Tech / CHM Elective  |  |  | 3 |  |  |  |  |

| **SEMESTER 8 - Program Requirements (Course Title)** | **Subject Code/ Course Number** | **Semester Offered**  | **Credit Hours** | **Gen Ed** | **Min Grade** | **Also Allowed** | **Pre/Co-requisite Courses** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| MET / IET Elective  |  |  | 3 |  |  |  |  |
| COM / OLS Elective (30000 level and above) |  |  | 3 |  |  |  |  |
| Senior Project | MET 49700 | FA, SP | 3 |  |  |  | MET 49500 |
| Humanities Elective |  |  | 3 | GEHA  |  |  |  |
|  |  |  |  |  |  |  |  |
| **Program Total** |  |  | **120** | **30** |  |  |  |

Additional Information and Guidelines

**Note 1**: Intro to Engineering Technology MET 16100 meets the Technology and Freshman Experience General Education Core requirements.

**Note 2**: Humanities or Social Science – Approved AD Art and Design; COM Communication; ENGL English; FR French; GR German; HIST History; JPNS Japanese; MUS Music; OLS 16300 Fundamentals of Self Leadership; or PHIL Philosophy; SPAN Spanish; ANTH Anthropology; ECON Economics; ETHN Ethnic Studies; GEOG Geography; OLS Organizational Leadership & Supervision; POL Political Science; PSY Psychology; SOC Sociology; WOST Women's Studies. One approved Humanities and one approved Social Science course must be taken to satisfy the respective General Education Core requirements.

**Note 3**: Computer Programming Course – Any programming course from ECET or CIS with advisor approval. ECET 21000 - Structured C++ Programming For Electromechanical Systems suggested.

**Note 4**: MET / IET Electives and IET 35200 – MET / IET elective is any 30000 level or higher MET or IET course with advisor approval. IET35200 will be offered on the Westville Campus during Fall only and Hammond campus Spring only. Students desiring to take all classes at Hammond campus should take their required IET 35200 class in semester 6 and an MET/IET elective in semester 7. Students desiring to take all of their classes at Westville campus should take their required IET 35200 class in semester 7 and their MET/IET elective in semester 6.

**Note 5**: Tech / CHM Elective – Suggest a Chemistry (CHM) course or other course with advisor approval (Excluding CHM 10300).

**Note 6**: ABET requires 40 credits of non-MET, IET, ECET CEMT, CGT, ET, or ITS (non-technology) courses. MET curriculum has 26 from Gen Ed+ 19 MA, STAT, OLS or COM credits not in the Gen Ed Core.

## Section IV continued: For all Program Changes;

Degree Name: **Mechanical Engineering Technology**

**Proposed Semester by Semester**

Semester One Total Credits = 16

| **SEMESTER 1 - Program Requirements (Course Title)** | **Subject Code/ Course Number** | **Semester Offered**  | **Credit Hours** | **Gen Ed** | **Min Grade** | **Also Allowed** | **Pre/Co-requisite Courses** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Algebra & Trig for Technology I | MA 14700 |  | 3 | GEQR |  | MA 15300 | MA 11500 or ALEKS Math Placement 045 |
| English Composition I | ENGL 10400 |  | 3 | GEWR | C- | ENGL 10100 | High School Grades |
| Intro to Engineering Technology | MET 16100 | FA | 1 | GEWE GETS GEUR |  |  |  |
| Production Drawing & CAD | MET 10000 | FA, SP (H) | 3 | GECU |  |  |  |
| Manufacturing Processes II | MET 24200 | FA, SP (H) | 3 |  |  |  | Co-requisite: MET 10000 |
| Fundamentals of Speech | COM 11400 |  | 3 | GESL |  |  |  |

Semester Two Total Credits = 16

| **SEMESTER 2 - Program Requirements (Course Title)** | **Subject Code/ Course Number** | **Semester Offered**  | **Credit Hours** | **Gen Ed** | **Min Grade** | **Also Allowed** | **Pre/Co-requisite Courses** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Algebra & Trig for Technology II | MA 14800 |  | 3 |  |  | MA 15400 | MA 14700 or MA 15300 or ALEKS Math Placement 60 |
| Applied Mechanics Statics | MET 11800 (m) | SP , FA (H) | 3 |  |  | MET 11100 | COREQUISITE: MA 14800 or MA 15400 |
| Materials I | MET 14100 | SP , FA (H)  | 3 |  |  |  | MA 14700 or MA 15300 |
| Computational Analysis Tools | MET 16200 | SP | 1 |  |  |  |  |
| Intro. to Parametric Modeling | MET 10100 | SP | 3 |  |  |  | MET 10000 |
| Social Science Elective |  |  | 3 | GESB |  |  |  |

Semester Three Total Credits = 15

| **SEMESTER 3 - Program Requirements (Course Title)** | **Subject Code/ Course Number** | **Semester Offered**  | **Credit Hours** | **Gen Ed** | **Min Grade** | **Also Allowed** | **Pre/Co-requisite Courses** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Calculus for Technology I | MA 16019 |  | 4 |  |  | MA 16300 | MA 14800 or MA 15400 or ALEKS Math Placement 75 |
| Applied Strength of Materials | MET 21101 (m) | FA | 3 |  |  |  | MET 11800 or MET 11100 and Pre/ Co-req: MA 16019 |
| Applied Strength of Materials Lab | MET 21102 | FA | 1 |  |  |  | MET 21101 Pre or Co requisite |
| General Physics I | PHYS 22000 |  | 4 | GESC |  |  | MA 14800 or MA 15400 |
| Dynamics | MET 21300 (m) | FA, SP (H) | 3 |  |  |  | MET 11800 or MET 11100 and Pre/ Co-req: MA 16019 |

Semester Four Total Credits = 15

| **SEMESTER 4 - Program Requirements (Course Title)** | **Subject Code/ Course Number** | **Semester Offered**  | **Credit Hours** | **Gen Ed** | **Min Grade** | **Also Allowed** | **Pre/Co-requisite Courses** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Production Drawing | MET 10200 | SP | 3 |  |  |  | MET 10100 and MET 16200 |
| Fluid Power | MET 23000 | SP | 3 |  |  |  | PHYS 22000  |
| Applied Calc II and Diff. Eqs. | MA 16021 |  | 3 |  |  | MA 22400 or MA16400 |  |
| Machine Elements | MET 21501 (m) | SP, FA (H) | 3 |  |  |  | MET 21100 and MET 21300 |
| Technical Report Writing | ENGL 22000 | ALL | 3 | GEWR |  |  | ENGL 10000, 10100,10400, or 10800 |

Semester Five Total Credits = 16

| **SEMESTER 5 - Program Requirements (Course Title)** | **Subject Code/ Course Number** | **Semester Offered**  | **Credit Hours** | **Gen Ed** | **Min Grade** | **Also Allowed** | **Pre/Co-requisite Courses** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Electricity Fundamentals | ECET 21400 |  | 3 |  |  |  |  |
| Applied Heat Transfer | MET 32900 | FA | 3 |  |  |  | PHYS 22000 & MA 16021 |
| General Physics II | PHYS 22100 |  | 4 | GESC |  |  | PHYS 22000 |
| Engineering Project Management & Economic Analysis | IET 30800 | FA, SP (H) | 3 |  |  | IET 45100 | Junior or Senior standing |
| Elementary Statistical Methods I | STAT 30100 |  | 3 |  |  |  | MA 14700 or 15300 or College Level Mathematics  |

Semester Six Total Credits = 15

| **SEMESTER 6 - Program Requirements (Course Title)** | **Subject Code/ Course Number** | **Semester Offered**  | **Credit Hours** | **Gen Ed** | **Min Grade** | **Also Allowed** | **Pre/Co-requisite Courses** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Operations Management | IET 35200 | SP | 3 |  |  | IET 22400 | STAT 30100 |
| Controls & Instr. for Automation | MET 38200 | SP | 3 |  |  |  | MA 16019 and Phys 22000 and ECET 21401 |
| Safety and Health for the Technologies | OLS 30000 |  | 3 |  |  |  | Junior or Senior standing |
| Computer Programming Course  |  |  | 3 |  |  |  |  |
| Applied Thermodynamics | MET 32500 | SP | 3 |  |  |  | MA 16021 and PHYS 22000 |

Semester Seven Total Credits = 15

| **SEMESTER 7 - Program Requirements (Course Title)** | **Subject Code/ Course Number** | **Semester Offered**  | **Credit Hours** | **Gen Ed** | **Min Grade** | **Also Allowed** | **Pre/Co-requisite Courses** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Comp Integrated Design & Manufacturing | MET 46100 | FA | 3 |  |  | MET 41100 | MET 10200 and MET 21100 |
| Applied Fluid Mechanics | MET 31300 | FA | 3 |  |  |  | MET 23000 and MA 16021 |
| MET / IET Elective  |  | FA,SP | 3 |  |  |  |  |
| Senior Project Survey | MET 49500 | FA, SP (H) | 3 |  |  |  | IET 30800 and MET 21501And pre / co-requisite: OLS 30000 |
| Tech / CHM Elective  |  |  | 3 |  |  |  |  |

Semester Eight Total Credits = 12

| **SEMESTER 8 - Program Requirements (Course Title)** | **Subject Code/ Course Number** | **Semester Offered**  | **Credit Hours** | **Gen Ed** | **Min Grade** | **Also Allowed** | **Pre/Co-requisite Courses** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| MET / IET Elective  |  |  | 3 |  |  |  |  |
| COM / OLS Elective (30000 level and above) |  |  | 3 |  |  |  |  |
| Senior Project | MET 49700 | FA, SP | 3 |  |  |  | MET 49500 |
| Humanities Elective |  |  | 3 | GEHA  |  |  |  |
|  |  |  |  |  |  |  |  |
| **Program Total** |  |  | **120** | **30** |  |  |  |

Additional Information and Guidelines

**Note 1**: Intro to Engineering Technology MET 16100 meets the Technology and Freshman Experience General Education Core requirements.

**Note 2**: Humanities or Social Science – Approved AD Art and Design; COM Communication; ENGL English; FR French; GR German; HIST History; JPNS Japanese; MUS Music; OLS 16300 Fundamentals of Self Leadership; or PHIL Philosophy; SPAN Spanish; ANTH Anthropology; ECON Economics; ETHN Ethnic Studies; GEOG Geography; OLS Organizational Leadership & Supervision; POL Political Science; PSY Psychology; SOC Sociology; WOST Women's Studies. One approved Humanities and one approved Social Science course must be taken to satisfy the respective General Education Core requirements.

**Note 3**: Computer Programming Course – Any programming course from ECET or CIS with advisor approval. ECET 21000 - Structured C++ Programming For Electromechanical Systems suggested.

**Note 4**: MET / IET Electives and IET 35200 – MET / IET elective is any 30000 level or higher MET or IET course. Also accepted is MCET 38200 or MCET 48200. (Suggested MET and IET courses include: MET 30300, MET 34700, MET 30500, MET 31500, MET 41100, MET 42000, MET 42100, MET 42600, IET 31000, IET 37801, IET 35500, IET 40200, IET 41100). IET35200 will be offered on the Westville Campus during Fall only and Hammond campus Spring only. Students desiring to take all classes at Hammond campus should take their required IET 35200 class in semester 6 and an MET/IET elective in semester 7. Students desiring to take all of their classes at Westville campus should take their required IET 35200 class in semester 7 and their MET/IET elective in semester 6.

**Note 5**: CHM / Tech Elective – One (1) Chemistry (CHM) course (excluding CHM 10300) or MCET 38200. An alternate technically based course (such as Math, Science or other COT course) may be taken with advisor approval.

**Note 6**: ABET requires 40 credits of non-MET, IET, ECET CEMT, CGT, ET, or ITS (non-technology) courses. MET curriculum has 26 from Gen Ed+ 19 MA, STAT, OLS or COM credits not in the Gen Ed Core.

 (H) in Term Offered Colum stands for Hammond only or (W) for Westville campus only

1. <http://faculty.pnw.edu/blog/curriculum-document-approval-procedures/> [↑](#footnote-ref-1)