MECHANICAL ENGINEERING TECHNOLOGY

Preparatory Courses

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Grade</th>
<th>Sem</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Freshman Fall</td>
<td>MATH 0123</td>
<td>Into Algebra</td>
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<td>Freshman Spring</td>
<td>MATH 1513</td>
<td>College Algebra</td>
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<td>MATH 1613</td>
<td>Trigonometry</td>
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<td>ENGL 1113</td>
<td>Fresh Composition I</td>
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<td>Sophomore Spring</td>
<td>PHYS 1114</td>
<td>Physics I</td>
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<td>PHYS 1214</td>
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<td>CHEM 1215-1314</td>
<td>General Chemistry</td>
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<td>MET 2103</td>
<td>Industrial Materials</td>
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<td>MET 2123</td>
<td>Calculus for Technology I</td>
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<td>Calculus for Technology II</td>
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<td>Sophomore Spring</td>
<td>MET 2313</td>
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<td>Sophomore Spring</td>
<td>GENT 2323</td>
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<td>GENT 2323</td>
<td>Statistics</td>
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- Students with less than a "B" in ENGL 1113 or 1313 must take ENGL 1213 or 1413 and may not substitute ENGL 3323 for 1213. (Academic Regulation 3.5)
- At least 6 hours designated (H) and at least 6 hours designated (S). Of these, 1 hr. must meet the International Dimension "I" and 1 hr. must meet the Diversity requirement "D".
- Select one course from CHEM 1215, 1314, 1414.
- ALEKS Exams for Mathematics Classes: Students are required to take an online examination using a system named ALEKS. The following website describes the exam, how to login and other details. Please read all of the website page before going to the link to the exam. Refer to the OSU Math Department website: http://placement.okstate.edu/math.
- A grade of 'C' or better is required in a 1000 to 3000-level GENT or MET course in order to advance to a course for which the GENT or MET course is a prerequisite.
MECHANICAL ENGINEERING TECHNOLOGY

MECHANICAL ENGINEERING TECHNOLOGY
121 Semester Hours (Minimum)
Year 3
2016-2017

Name: __________________________
Advisor: _________________________

PREREQUISITES

Math 2123, Physics 1114

Math 2123, Physics 1114, GENT 2323

Math 2123

Mechanical Engineering Technology

GENT 3433 Thermodynamics
Grade Sem Fall & Spring

GENT 4433 Heat Transfer
Grade Sem Fall & Spring

MET 3313 Applied Fluid Mechanics
Grade Sem Fall & Spring

MET 3343 Physical Metallurgy
Grade Spring

“H” Elective Humanities ___ 3 Grade Sem

“S” Elective Social Science ___ 3 Grade Sem

MET 3003 Dynamics
Grade Fall & Spring

EET 3104 Elec & Electronics
Grade Fall & Spring

MET 3323 Strength of Materials
Grade Fall & Spring

MET 4003 Machine Design I
Grade Sem Fall

MET 4123 Senior Design Project
Grade Sem Fall & Spring

MET 4463 Thermal Fluids Lab
Grade Sem Fall & Spring

ENGL 3323 Technical Writing
Grade Sem

IEM 3513 Economic Decision Analysis
Grade Sem Spring & Summer

SPCH 2713 Into Speech Comm
Grade Sem

Student Requirements

Other Requirements
Mechanical Engineering Technology

• A minimum of 40 hours must be upper division

• Communications 6hrs: ENGL 3323, SPCH 2713 or 3703 or 3723.

• MET Related Specialty 9 hrs: MET 3413 or 3423 F/C, MET 3573 F/L, MET 4023 S/Y, MET 4033 F/Y, MET 4113 Su/F/A, MET 4203 S/B, MET4303 S/L, MET 4313 S/C, MET 4503 Su/B

• Legend: Fall = F, Spring = S, Summer = Su; Alexander = A, Belanus = B, Chang = C, Yang = Y, Lewis = L.

• Common Upper Division Controlled Electives 3hrs: MGMT 3013, MGMT 3313, LSB 3213, MXT 3213, ENGR, ENGR TECH, MATH, CHEM, PHYSICS, STATISTICS, or (See Above) for additional MET Related Specialty.

• For further information, contact the MET Program Director, Faculty or Director of Engineering Technology.

• A flexible study plan is designed to meet each student’s individual goals.