



*Experience the Delta Difference*

For University specific requirements check with:  
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 Associate Professor of Engineering  
 989 686 9571

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## Pre-Engineering Curriculum

Transfer to 4-year University programs such as:

- Michigan Technological University
- Saginaw Valley State University
- Michigan State University
- Kettering University
- University of Michigan – Ann Arbor
- Western Michigan University
- Oakland University
- Lawrence Technological University

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### **FALL SEMESTER**

	<b>Credit Hours</b>
<b>EGR100</b> <i>Careers in Engineering</i>	1
<b>EGR101</b> <i>Engineering Design &amp; Analysis</i>	1
<b>EGR165 OR EGR166</b> <i>Engineering Graphics</i>	4
MTH161 <i>Analytical Geometry &amp; Calculus I</i>	4
ENG111 <i>College Composition I</i>	3
POL103 <i>Intro to American Government</i>	3

### **WINTER SEMESTER**

MTH162 <i>Analytical Geometry &amp; Calculus II</i>	4
ENG112 <i>College Composition II</i>	3
CHM111 <i>General and Inorganic Chemistry I</i>	4
CST181 <i>C++ Programming</i>	3
LW___ <i>Lifelong Wellness</i>	1

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### **FALL SEMESTER**

PHY211 <i>Physics 1</i>	5
MTH261 <i>Analytical Geometry &amp; Calculus III</i>	4
MTH263 <i>Linear Algebra</i>	3
LW___ <i>Lifelong Wellness</i>	1

### **WINTER SEMESTER**

PHY212 <i>Physics 2</i>	5
<b>EGR166 OR EGR165</b> <i>Engineering Graphics</i>	4
<b>EGR215</b> <i>Engineering Mechanics: Statics</i>	3
MTH264 <i>Ordinary Differential Equations</i>	3

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### **SPRING/SUMMER SEMESTER**

<b>EGR216</b> <i>Engineering Mechanics: Dynamics</i>	3
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