

**UNHM  
BACHELOR OF SCIENCE  
MECHANICAL ENGINEERING TECHNOLOGY  
(128 credits)**

**For Students Entering  
September 2009**

Name: \_\_\_\_\_ Advisor \_\_\_\_\_

GENERAL EDUCATION	Course Title/#	Source	Date	Cr.	Grade
<b>GROUP 1</b> Writing Skills*					
<b>GROUP 2</b> Quantitative Reasoning *					
<b>GROUP 3 #</b> Three courses-Biological Sciences, Physical Sciences, Technology. ET students must take one biological science; they may not take a technology course.					
<b>GROUP 4</b> Historical Perspectives					
<b>GROUP 5</b> Foreign Culture					
<b>GROUP 6</b> Fine Arts					
<b>GROUP 7</b> Social Science					
<b>GROUP 8</b> Works of Philosophy, Literature and Ideas					

**Writing Intensive requirement**

<p style="text-align: center;">Course Title/#</p> <p>ENGL 401 _____</p> <p>"writing- WI course in major <u>ET 625</u></p> <p>600/700-level WI course <u>ET 733</u></p> <p>other WI course _____</p>	<p>All undergraduates are required to complete four intensive" courses, which must include English 401 (First-Year Writing) and three additional "writing- intensive" courses, one of which must be in the student's major and one must be at the 600-level or above.</p>
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A student may take a 600/700-level WI course in the major but must still have a total of 4 WI courses.

\*Must be taken within the first 32 credits.

# Engineering Technology students may not enroll in a technology course to satisfy the Group 3 requirement. They must enroll in a biological science.

## MECHANICAL ENGINEERING TECHNOLOGY

All students entering the mechanical engineering technology program should have a minimum of 12 semester hours of college-level mathematics, including Calculus I. **Calculus II is strongly recommended.** Students without this background will be required to take MATH 426, 527 or 644 during the first semester of their junior year. The student's advisor will determine which of these courses is most appropriate for the student's program. All mechanical engineering technology students must satisfactorily complete CHEM 403 or offer evidence of equivalent coursework. Students in this program must also complete a minimum of 9 credits of courses in communication skills.

### Junior Year

Course #	Course Title	Source	Date	Cr.	Grade
ET 630	Analytical Methods in Technology				
ET 625	Technical Communication				
ET 639	HVAC I				
ET 640	HVAC II				
ET 641	Production Systems				
ET 644 or ET 649	MET Concepts in Design and Analysis or Production Tooling and Processes				
ET 675	Electrical Technology				
CS 410	Intro to Scientific Programming				

### Senior Year

ET 674	Control Systems and Components				
ET 733	Business Organization and Law				
ET 734	Economics of Business Activities				
ET 745 or ET 762	Instrumentation or Illumination Engineering				
ET 751	Mechanical Engineering Technology Project			8	

