

UNHM  
**BACHELOR OF SCIENCE**  
**ELECTRICAL 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 without specific permission by the program coordinator.					
<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>  600/700-level WI course <u>ET 733</u>  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.

## ELECTRICAL ENGINEERING TECHNOLOGY

All students entering the electrical 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 should consider taking 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.

Course #	Course Title	Source	Date	Cr.	Grade
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### Junior Year

ET 630	Analytical Methods in Technology				
ET 625	Technical Communication				
ET 762	Illumination Engineering				
ET 671	Digital Systems				
ET 674	Control Systems and Components				
ET 677	Analog Systems				
ET 680	Communications and Fields				
CS 410	Intro to Scientific Programming				

### Senior Year

ET 733	Business Organization and Law				
ET 734	Economics of Business Activities				
ET 791	Electrical Engineering Technology Project			8	
ET 790	Microcomputer Technology				
ET 788	Intro to Digital Signal Processing				

**ELECTRICAL ENGINEERING TECHNOLOGY**

**ELECTIVES** (Total credits must equal 128 credits)

Course Title/#	Source	Date	Cr.	Grade

Total Credits \_\_\_\_\_

College Level Math \_\_\_\_\_