

**UNH MANCHESTER  
BACHELOR OF SCIENCE  
ELECTRICAL ENGINEERING TECHNOLOGY  
Computer Engineering Technology Option  
(128 Credits)**

**For Students Entering  
September 2016**

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

**DISCOVERY PROGRAM**

Discovery Foundations	Course Title/#	Source	Date	Cr.	Grade
Writing (WS) Must be taken within the first 32 credits					
Quantitative Reasoning (QR) Must be taken within the first 32 credits.					
Inquiry Requirement One Inquiry course: (INQ 444 or INQ attribute) _____ Must be taken within the first 25 credits.					

Discovery Categories

Biological Science* (BS)					
Physical Science* (PS)					
Environment, Technology and Society (ETS)					
Historical Perspectives (HP)					
World Culture (WC)					
Fine and Performing Arts (FPA)					
Social Science (SS)					
Humanities (HUMA)					

**Writing Intensive Requirement: Course Title/#**

ENGL 401 \_\_\_\_\_ All undergraduates are required to complete four "writing- 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. A student may take a 600/700 level WI course in the major but must still have a total of four WI courses.

WI course in major \_\_\_\_\_

600/700-level WI course \_\_\_\_\_

other WI course \_\_\_\_\_

\*One of the two sciences (BS, PS) must have a lab.

## ELECTRICAL ENGINEERING TECHNOLOGY – CET Option

All entering ET students should have completed mathematics through differential and integral calculus – (calculus I and II). Students without calculus II will be required to take ET 630, Analytical Methods in Technology. Students with calculus II may have ET 630 waived, although it is recommended that it still be taken as there are other useful topics covered.

Course #	Course Title	Source	Date	Cr.	Grade
<b>Junior Year</b>					
ET 625	Technical Communications				
ET 630	Analytical Methods in Technology				
ET 671	Digital Systems				
COMP 625	Data Structures and Algorithms				
COMP 725	Programming Languages				
Technical Elective***					
Technical Elective***					

### Senior Year

One course in Law. Choose from: COMP 560*, BUS 550, ET 733.					
ET 734	Economics of Business Activities				
ET 697	Special Topics in Electrical Engineering Technology				
ET 791**	Electrical Engineering/CET Technology Project				
COMP 715	Information Security				
COMP 730	Object Oriented Software Development				
Technical Elective***					

\*May be used to fulfill Discovery HUMA requirement.

\*\*Full time students must satisfy the “Senior Capstone Project” requirement by taking ET 751 in both the Fall and Spring semesters for 8 credits. Part time students can satisfy this requirement by taking ET 751 in the Spring semester only for 4 credits.

#### \*\*\*Technical Electives

ET 627, Advanced Developmental Theory of E-Commerce

COMP 640, Human Computer Interaction

COMP 698, Special Topics in Computing Technology

COMP 705, Web Application Development

COMP 720, Database Application Development

COMP 790, Capstone Project – CT Software Development Project

*Other COMP courses with permission from advisor*

**ELECTRICAL ENGINEERING TECHNOLOGY- CET Option**

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

Course Title/#	Source	Date	Cr.	Grade

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