

**ENGINEERING TECHNOLOGY**

BACHELOR OF SCIENCE DEGREE – 124 Credits  
 UNIVERSITY OF WISCONSIN-STOUT  
 PROGRAM PLAN – May 2006 ELECTRICAL CONCENTRATION

NAME \_\_\_\_\_ DATE \_\_\_\_\_  
 I.D.# \_\_\_\_\_ PHONE # \_\_\_\_\_  
 ADVISOR \_\_\_\_\_ NEW XFER \_\_\_\_\_

Concentration Coordinator: Dr. Norm Zhou, 327 FH, 715-232-1241, zhou@uwstout.edu

<b>GENERAL EDUCATION 51 CREDITS</b>										
<b>Communication Skills (8 credits)</b>	1	2	3	4	5	6	7	8	Done	
ENGL- 101 Freshman English – Comp. 3 or										
ENGL- 111 Freshman English – Honors I 3										
ENGL- 102 Freshman English – Read & Writing 3 or										
ENGL- 112 Freshman English – Honors II 3										
SPCOM- 100 Fundamentals of Speech 2										
<b>Analytic Reasoning (6 credits)</b>										
STAT- 130 Elementary Statistics 2										
MATH- 153 Calculus 4										
<b>Health and Physical Education (2 credits)</b>										
Courses from the approved GE listing 2										
<b>Humanities and the Arts (9 credits)</b>										
Courses from three or more areas – GE listing 9										
<b>Social and Behavioral Sciences (9 credits)</b>										
ECON- 201 General Economics 3 or										
ECON- 210 Principles of Economics I 3										
Courses from two or more areas – GE listing 6										
<b>Natural Sciences (15 credits)</b>										
CHEM- 135 College Chemistry 5										
PHYS- 241 College Physics I 5										
PHYS- 242 College Physics II 5										
<b>Technology (2 credits)</b>										
Course from the Technology area – GE listing 2										
<b>Professional Studies (23 credits)</b>										
RD- 100 Introduction to Engineering Technology 1										
RC- 381 Occupational Safety/Loss Control 2										
INMGT- 200 Production Operations Mgmt 3										
INMGT- 400 Organizational Leadership 3										
BUACT- 200 Financial-Managerial Accounting 2										
BUMKG-330 Principles of Marketing 3										
ENGL- 415 Technical Writing 3										
MFGT- 150 Introduction to Engineering Materials 3										
RD- 205 Design for Industry 3										
<b>Concentration Studies (50 credits)</b>										
Concentration and Program details on reverse side										
<b>TOTALS 124</b>	<b>14</b>	<b>16</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>15</b>	<b>14</b>	<b>14</b>	<b>124</b>	

<b>ENGINEERING TECHNOLOGY ELECTRICAL CONCENTRATION</b>									
<b>ELECTRICAL 50 CREDITS</b>	<b>Eight semester sequence</b>								
<b>Core Requirements (45 credits)</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>done</b>
ELEC- 260 Electrical Circuits 3									
ELEC 271 Digital Logic and Switching 3									
CS 144 Computer Science I 3									
Math 154 Calculus II 4									
ELEC- 204 Electricity Fundamentals 3									
CADD 112 Principles of Engineering Drawing I 3									
POWER- 260 Intro to Fluid Power 2									
CS 145 Computer Science II 3									
ELEC 340-Motors and Generators 2									
ELEC 341 Electrical & Mechanical Interface Devices 3									
CS 244 Data Structures 4									
ELEC 274 Microprocessors 3									
ELEC 382 Electronic Communications 3									
ELEC 272 Solid State Electronics 3									
ELEC XXX Capstone Project 3									
<b>Core Selectives (5 credits)</b>									
<b>TOTAL 50 Credits</b>									

<b>Core Selective Listing - choose 5 credits</b>
PKG- 150 Packaging Fundamentals 2
CS 441 Computer Architecture 3
MFGT- 303 Computer Aided Mfg. 3
CS 448 Software Engineering 3
CS 245 Introduction to Computer Organization 3
CS 342 Survey of Programming Languages 3
MATH 250 Differential Eqns with Lin Algebra 3
SPCOM- xxx Advanced Speech 1-3
XXX- xxx Co-op/Field Experience 1-3
XXX- xxx By Advisor Approval 1-4

**Student Organizations**

- Society of Automotive Engineers
- American Society of Mechanical Engineers
- Society of Manufacturing Engineers
- Society of Women Engineers

<b>Advisor Notes: T = Transfer W = Waived S = Substitute</b>

- The Engineering Technology Program requires 124 credits to graduate, and an overall GPA of 2.50
- All Engineering Technology students are required to satisfy University wide ethnic studies and global perspective requirements.
- Review the General Education approved listing for GE electives and Ethnic Studies and Global Perspective courses.
- Use program assistance – adviser, program director. The student is ultimately responsible for program schedule and completion.
- **Co-op/Field Experience is strongly recommended and will significantly improve employment opportunities.**

<b>Signature:</b>	<b>Date:</b>
<b>Student</b>	
<b>Advisor</b>	
<b>Program Director</b>	
<b>Associate Dean</b>	