

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: TBA

GENERAL EDUCATION 51 CREDITS									
Communication Skills (8 credits)	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									
Analytic Reasoning (6 credits)									
STAT- 130 Elementary Statistics 2									
MATH- 153 Calculus 4									
Health and Physical Education (2 credits)									
Courses from the approved GE listing 2									
Humanities and the Arts (9 credits)									
Courses from three or more areas – GE listing 9									
Social and Behavioral Sciences (9 credits)									
ECON- 201 General Economics 3 or									
ECON- 210 Principles of Economics I 3									
Courses from two or more areas – GE listing 6									
Natural Sciences (15 credits)									
CHEM- 135 College Chemistry 5									
PHYS- 241 College Physics I 5									
PHYS- 242 College Physics II 5									
Technology (2 credits)									
Course from the Technology area – GE listing 2									
Professional Studies (23 credits)									
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									
Concentration Studies (50 credits)									
Concentration and Program details on reverse side									
TOTALS 124	14	16	17	17	17	15	14	14	124

ENGINEERING TECHNOLOGY ELECTRICAL CONCENTRATION									
ELECTRICAL 50 CREDITS	Eight semester sequence								
Core Requirements (45 credits)	1	2	3	4	5	6	7	8	done
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									
Core Selectives (5 credits)									
TOTAL 50 Credits									

Core Selective Listing - choose 5 credits
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

Advisor Notes: T = Transfer W = Waived S = Substitute

- 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.**

Signature:	Date:
Student	
Advisor	
Program Director	
Associate Dean	