ENGINEERING TECHNOLOGY

BACHELOR OF SCIENCE DEGREE – 124 Credits
UNIVERSITY OF WISCONSIN-STOUT
PROGRAM PLAN – May 2006 BIOMEDICAL INSTRUMENTATION 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	**15**	**16**	**16**	**16**	**17**	**16**	**15**	**13**	**124**

ENGINEERING TECHNOLOGY
BIOMEDICAL INSTRUMENTATION

BIOMEDICAL INSTRUMENTATION 50 CREDITS	**Eight semester sequence**								
Core Requirements (43 credits)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**done**
BIO 101 Intro to Biology 4									
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									
CS 145 Computer Science II 3									
ELECT 341 Electrical & Mechanical Interface Devices 3									
BIO 234 Physiology & Anatomy 4									
CS 244 Data Structures 4									
ELECT 274 Microprocessors 3									
BIO 362 Advanced Physiology 3									
ELECT XXX Capstone Project 3									
Core Selectives (7 credits)									
TOTAL 50 Credits									

Core Selective Listing - choose 7 credits
PKG- 150 Packaging Fundamentals 2
CS 245 Introduction to Computer Organization 3
BIO 111 Science, Society, and Environment 4
BIO 306 General Microbiology 4
BIO 358 Intro. To Pharmacology 2
MATH 250 Differential Eqns with Lin Algebra 3
CS 345 Image Processing 3
SPCOM- xxx Advanced Speech 1-3
XXX- xxx Co-op/Field Experience 1-3
XXX- xxx By Advisor Approval 1-4

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

Student Organizations

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

- 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	