

ENGINEERING TECHNOLOGY

BACHELOR OF SCIENCE DEGREE – 124 Credits

UNIVERSITY OF WISCONSIN-STOUT

PROGRAM PLAN – May 2005 FACILITIES CONCENTRATION

Concentration Coordinator: Dr. Jerry Coomer, 268 TW, 715-232-2338, coomeru@uwstout.edu

NAME _____ DATE _____

I.D.# _____ PHONE # _____

ADVISOR _____ NEW XFER _____

GENERAL EDUCATION 51 CREDITS										
Communication Skills (8 credits)	1	2	3	4	5	6	7	8	Done	
ENGL- 101 Freshman English – Comp. or										
ENGL- 111 Freshman English – Honors I 3										
ENGL- 102 Freshman English – Read & Writing 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 (17 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 or										
Basic Technology (23 credits)										
MFGT- 150 Introduction to Engineering Materials 3										
MFGT- 251 Polymer & Composite Processes 3										
MFGT- 252 Material Removal and Forming Processes 3										
MFGT- 253 Joining and Casting Processes 3										
AEC 131 Architectural Graphics 3										
RD- 205 Design for Industry 3										
ELEC- 204 Electricity Fundamentals 3										
POWER- 260 Intro to Fluid Power 2										
Concentration Studies (33 credits)										
Concentration and Program details on reverse side										
TOTALS 124	14	16	16	17	16	15	15	16	124	

ENGINEERING TECHNOLOGY FACILITIES CONCENTRATION									
FACILITIES 33 CREDITS	Eight semester sequence								
Core Requirements (28 credits)	1	2	3	4	5	6	7	8	done
INMGT 300 Engineering Economy 2									
INMGT 350 Facilities Planning 3									
INMGT 450 Maintenance Management 3									
INMGT 365 Project Management 2									
AEC 237 Architectural Technology 3									
AEC 438 Contract Requirements and Specs 3									
AEC 452 Environ. Systems - HVAC 3									
AEC 453 Environ. Systems Plumbing and Elect. 3									
Chem 353 Environmental Chemistry 3									
INMGT 314 Industrial Enterprise Practicum 3									
Core Selectives (5 credits)									
TOTAL 33 Credits									

Core Selective Listing - choose 6 credits
RC 383 Voluntary OSHA Compliance 2-3
RC 386 Fire Protection 3
INMGT 120 Quality Concepts
BUMKG 337 Purchasing Practices 3
AEC 357 Site Engineering
AEC 370 Construction Estimating 3
POWER 361 Industrial Hydraulics 2
POWER 362 Industrial Pnuematics 2
CHEM 452 Env. Regulations Management 3
PHYS 321 Static and Strength of Materials 4
INMGT 430 Employee Involvement 2
INMGT 462 Global Manufacturing Tour 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

- 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.**

Student Organizations

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

Signature:	Date:
Student	
Advisor	
Program Director	
Associate Dean	