

ENGINEERING TECHNOLOGY

BACHELOR OF SCIENCE DEGREE – 124 Credits

UNIVERSITY OF WISCONSIN-STOUT

PROGRAM PLAN – May 2005 PLASTICS CONCENTRATION

Concentration Coordinator: Robert Feirn, 234 TW, 715-232-1179, feirn@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 3									
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									
CADD- 112 Principles of Engineering Drawing I 3									
RD- 205 Design for Industry 3									
ELEC- 303 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	16	17	15	16	14	124

ENGINEERING TECHNOLOGY PLASTICS CONCENTRATION									
PLASTICS 33 CREDITS	Eight semester sequence								
Core Requirements (24 credits)	1	2	3	4	5	6	7	8	done
MFGT - 340 Plastics Processing 3									
CADD- 113 Princ of Eng Drawing II 2									
CADD- 436 Comp Assist Design Prob 3									
MFGT 355 Plastics Tooling 3									
MECH- 337 Mech Design Drafting 3									
MFGT 470 Plastic Tooling Extrusion & Blow Mold 3									
CHEM 325 Chemistry of Polymers 4									
MECH 290 Mechanics of Solids I 3 or PHYS 321 4									
Core Selectives (9 credits)									
TOTAL 33 Credits									

Core Selective Listing - choose 8-9 credits
PKG- 150 Packaging Fundamentals 2
PKG- 200 Packaging Materials 3
MFGT- 303 Computer Aided Mfg. 3
MFGT- 405 Industrial Robotics 3
INMGT 120- Quality Concepts 3
MECH 291 Mechanics of Solids II 3
POWER 303 Mechanical Power Trans 2
INMGT 314 Industrial Enterprise Practicum 3
INMGT 320 Quality Tools 3
INMGT 300 Engineering Economy 2
INMGT 430 Employee Involvement 2
ELEC 341 Electrical & Mechanical Interface Devices 3
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	