ENGINEERING TECHNOLOGY
BACHELOR OF SCIENCE DEGREE – 124 Credits
UNIVERSITY OF WISCONSIN-STOUT
PROGRAM PLAN –OCTOBER 2001

NAME_____ **DATE**_____
I.D.#_____ **PHONE #** _____
ADVISOR _____ **NEW**___ **COM** ___ **XFER**___
PRODUCTION OPERATIONS CONCENTRATION

Concentration Coordinator: Dr. Donna Stewart, 229TW, 715-232-1234, stewartd@uwstout.edu

GENERAL EDUCATION	51 CREDITS	EIGHT SEMESTER SEQUENCE								
Communication Skills	**(8 credits)**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	4
ENGL- 101 Freshman English – Comp. **or**	3	λ								
ENGL- 111 Freshman English – Honors I										
ENGL- 102 Freshman English – Read & Writing **or**	3		μ							
ENGL- 112 Freshman English – Honors II										
SPCOM- 100 Fundamentals of Speech	2			λ						
Analytic Reasoning	**(6 credits)**									
STAT- 130 Elementary Statistics	2	λ								
MATH- 153 Calculus	4		μ							
Health and Physical Education	**(2 credits)**									
Courses from the approved GE listing	2		λ							
Humanities and the Arts	**(9 credits)**									
Courses from three or more areas – GE listing	9				ν		ν		ν	
Social and Behavioral Sciences	**(9 credits)**									
ECON- 201 General Economics **or**	3	λ								
ECON- 210 Principles of Economics I										
Courses from two or more areas – GE listing	6				ν		ν			
Natural Sciences	**(15 credits)**									
CHEM- 135 College Chemistry	5			μ						
PHYS- 241 College Physics I*	5				μ					
PHYS- 242 College Physics II*	5					μ				
Technology	**(2 credits)**									
Course from the Technology area – GE listing	2						λ			
MAJOR STUDIES	**43 CREDITS**									
Professional Studies	**(20 credits)**									
RD- 100 Introduction to Engineering Technology	1	λ								
RC- 381 Occupational Safety/Loss Control	3					μ				
INMGT- 200 Production Operations Mgmt	3			λ						
INMGT- 400 Organizational Leadership	3								ν	
INMGT- 430 Employee Involve: Work Team	2							λ		
BUACT- 200 Financial-Mangl. Accounting	2				λ					
BUMKG-330 Principles of Marketing	3						λ			
ENGL- 415 Technical Writing **or**	3							μ		
ENGL- 346 Research Reporting										
Basic Technology	**(23 credits)**									
MFGT- 110 Materials and Manufacturing Processes	3	υ								
MFGT- 202 Welding and Casting Processes	3		υ							
MFGT- 203 Machining and Metal Forming	3			υ						
MFGT- 204 Polymer Processes	3				υ					
CADD- 112 Principles of Engineering Drawing I	3			λ						
RD- 205 Design for Industry	3					υ				
ELEC- 204 Electricity/Electronics Fundamentals	3		λ							
POWER- 260 Intro to Fluid Power	2	λ								
CONCENTRATIONS	**30 CREDITS**									
CORE REQUIREMENTS – Varies with concentration	24					≡	≡	—	≡	
CORE SELECTIVES – Varies with concentration	6							•	≠	
TOTALS	**124**	14	15	16	16	16	16	16	15	**124**

Concentration and Program details on reverse side
*University Physics Option – by advisement

λ Course μ Prerequisite Required
υ Sequenced Course ν Design for Diversity
∂ Concentration Credits

ENGINEERING TECHNOLOGY
PRODUCTION OPERATIONS CONCENTRATION

PRODUCTION OPERATIONS	30 CREDITS
Core Requirements	**(24 credits)**
INMGT- 120 Quality Concepts	3
INMGT- 300 Engineering Econ.	3
INMGT- 305 Production and Inventory Control	3
INMGT- 314 Industrial Enterprise Practicum	3
INMGT- 320 Quality Tools	3
INMGT- 350 Facilities Planning	3
BUMKG- 438 Principles of Logistics	3
BUMKG- 337 Purchasing	3
Core Selectives	**(6 credits)**
Totals	**30**

EIGHT SEMESTER SEQUENCE								
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	4
				λ				
				μ				
					μ			
						λ		
						μ		
							μ	
						μ		
					μ			
						•	≠	
				6	**6**	**11**	**7**	**30**

λ Course μ Prerequisite Required
υ Sequenced Course ν Design for Diversity ∂ Selective Credits

Core Selective Listing	
PKG- 150 Packaging Fundamentals	2
PKG- 269 Distribution Packaging	3
MFGT- 308 Engineering Metrology	3
INMGT- 450 Maintenance Management	2
INMGT- 325 Quality Management	3
INMGT- 540 Time and Motion Study	1-3
BULGL- 318 Business Law	3
RC- 389 Fleet Risk Control Management	2
ECON- 421 Collective Bargaining & Labor Relations	2
MFGT- 303 Computer Aided Manufacturing	3
BUINB- 260 Intro to International Business	3
BUINB- 538 International Logistics	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 Course
W = Waived Course/Credits
S = Substitute Course

- The Engineering Technology Program requires 124 credits to graduate, and an overall GPA of 2.50.
- All Engineering Technology students are required to satisfy an ethnic studies requirement (Design for Diversity).
- Review the General Education approved listing for GE electives and Design for Diversity courses.
- Use program assistance – concentration adviser, program director. However, the student is ultimately responsible for the program scheduling and completion.
- *Machinery's Handbook* will be a required reference for the Engineering Technology Program.
- **Co-op/Field Experience is strongly recommended and will significantly improve employment opportunities.**

Student Organizations

- American Production & Inventory Control Society
- Society of Manufacturing Engineers
- Engineering Distribution Club
- Society of Women Engineers
- Women in Technology
- Epsilon Pi Tau
- Society of Automotive Engineers

Name Date

Advisor Date

Program Director Date

Associate Dean Date