

UNIVERSITY OF WISCONSIN STOUT
 School of Education
 Bachelor of Science Degree
Technology Education

August 2005

Student _____

ID# _____

GENERAL EDUCATION
 REQUIREMENTS: (42) Credits

Communication Skills (8 min.)
 ENGL-101 Fresh. English Comp 3
 ENGL-102 Fresh. English Rd. & Wrt. 3
 SPCOM-100 Fund. of Speech 2

Analytic Reasoning Skills (6 min) (see note 4)
 MATH-_____

Health & Physical Well-Being (2 min.)

Humanities (9 min.)
 Literature Elective
 _____ 3

Fine Arts Elective

 Humanities Elective (see note 3)

Social & Behavioral Science (9 min.)
 PSYC-110 Psychology 3
 POLS-210 Government 3

Social Science Elective (see note 3)

Natural Sciences (4 min.)
 Physical Science Elective

General Education Elective (2 min)
 Biological Science Elective

Technology (2 min)

PROFESSIONAL EDUCATION
 REQUIREMENTS: (44) Credits

Teacher Ed. Core Courses (13 min.)
 EDUC-303 Educ. Psychology 3
 EDUC-326 Foundations of Educ. 2
 EDUC-336 Multiculturalism 2
 EDUC-376 Cross Cult. Field Exp. 1
 EDUC-382 Sec/Rdg & Lang. Dev. 2
 SPED-430 Inclusion 3

Technology Teacher Ed. Courses (31 min.)
 TECED-160 Intro. Tech. Ed. 3
 TECED-260 Cur., Mth. & Ass T.E. 3
 TECED-325 Tech for Elem Sch Children 2
 TECED-360 Field Exper. & Sem. T. E. 1
 TECED-390 Class & Lab Management 3
 TECED-460 Adv. Cur., Mth. & Ass. T.E. 3
 TECED-409 Student Teaching 16

Student Organization Experience (TECA)

Please **Note** the following requirements:

1. Technology education students need a minimum of **126 credits** and a **2.75 grade point average** to graduate.
2. All student must account for the **design for diversity** requirements when planning their program of study (POLS-210, EDUC-336, & EDUC-376 will fulfill this requirement).
3. Students must take HIST-210: Modern World History (3 credits) in the Humanities component or ANTH-220: Cultural Anthropology (3 credits) in the Social Behavioral Science component.
4. At least one course under Analytic Reasoning Skills must specifically address the study of **mathematics**.
5. Professional Education courses require a "C" or better.

TECHNICAL
 REQUIREMENTS: (40) Credits

Fundamentals of Technology (12 min.)
 RD -205 Design for Industry 3
 MFGT-110 Mat. & Manuf. I 3
Take two of the following three
 MFGT-202 Welding & Casting 3
 MFGT-203 Mach. Metal Forming 3
 MFGT-204 Polymer Process 3

Human Endeavors (15 min.)
 AEC-172 Construction Tech. 3
 TRANS-202 Transportation 2
 TRANS-203 Transportation Lab 1
 TRANS-204 Energy Technology 2
 TRANS-205 Energy Technology Lab 1
 TCS-304 Comm. & Info. System 3
 INMGT-314 Ind. Enter. Practicum 3

Advanced Technical Studies (13 min.)
 Technical Emphasis (see reverse side)

Student's Signature _____ Date: ____-____-____

Advisor's Signature _____ Date: ____-____-____

All technology education students are required to complete a technical emphasis. The purpose of this requirement is to provide the student with a depth of understanding and skill within a specific technical area that is likely to be part of their teaching responsibilities at the secondary level. A general technology option has been provided for students who want to teach at the middle school level and therefore would like to increase their technical breadth. Lastly, a technical college transfer option has been provided for students enrolling in the technology education program and have completed a diploma or associates degree in a relevant technical field (e.g., automotive technology, electronics, technology, tool and die). To fulfill this requirement you must do the following: (1) review the options provided, (2) select one of the options for your emphasis, (3) enter the name of your selection on the front of this program plan sheet (see "Advanced Technical Studies"), and (4) complete the courses listed under the emphasis in question. Technical college transfers need to enter at least 13 credits of technical course work in the spaces provided and have them approved by your advisor.

Design & Engineering

CADD-112 Engineering Drawing I	3
CADD-113 Engineering Drawing II	2-3
CADD-234 Comp.-Ass. Design & Draft.	2
RD-320 Proto. Dev. & Model Making	3
RD-420 Research & Develop	2
RD-421 Research & Develop Lab	1
Total 13	

Architecture & Construction

AEC-131 Architectural Graphics	3
AEC-233 Architectural Design I	3
AEC-237 Architectural Technology	3
AEC-175 Const. Materials	1
AEC-270 Heavy Constr. Meth. & Equip.	3
Total 13	

Energy & Power Mechanics

POWER-103 Power Mechanics	2
ELEC-204 Elec./Elec. Fund.	3
POWER-260 Intro. to Fluid Power	2
POWER-303 Mech. Power Trans.	3
POWER-499 Independent Study	3
Total 13	

Graphic Communications

GCM-141 Graph. Comm./Elec. Pub.	3
GCM-151 Electronic Prepress	3
GCM-266 Press Systems	4
GCM-345 Publication Production	3
OR	
GCM-343 Graphic Comm. Practicum	3
Total 13	

Telecommunications

ELEC-204 Elec./Elec. Fund.	3
TCS-281 Data Communications	3
TCS-283 Protocols & Interfacing Lab.	3
TCS-306 Intro. to Telephony	2
GCM-499 Independent Study	2
Total 13	

Automation & Manufacturing

CADD-112 Engineering Drawing I	3
MFGT-303 Computer-aided Manuf.	3
MFGT-305 Robotics	2
MFGT-337 Numerical Control	3
MFGT-310 Manufacturing Systems	3
Total 14	

General Technology

CADD-112 Engineering Drawing I	3
POWER-103 Power Mechanics	2
GCM-141 Graph. Comm.	3
MFGT-303 Computer-aided Manuf.	3
MEDIA-204 Exploring Photography	3
Total 14	

Technical College Transfer Option

_____	___
_____	___
_____	___
_____	___
_____	___
Total 13	

Electronics & Computers

ELEC-204 Elec./Elec. Fund.	3
ELEC-271 Digital Logic & Switching	3
ELEC-355 Electrical System Application	3
ELEC-374 Microprocessors Fund.	3
ELEC-395 Seminar	1
Total 13	

Approved by _____

Date: ____ - ____ - ____