

University of Wisconsin – Stout
 B.S. in Technology Education – 2009 Program Plan

Name: _____
 I.D. #: _____
 Projected Graduation Date: _____

General Education Requirements - 44 credits	
Communications Skills (8 credits-minimum)	CR
ENGL – 101 or ENGL-111 Fresh. English Comp.	3
ENGL-102, ENGL-112 or ENGL-113 Fresh. Lit.	3
SPCOM-100 Fundamentals of Speech	2
Analytical Reasoning Skills (6 credits-minimum)	CR
MATH -121 Intro College Math or higher _____ - _____	4
Any General Education Statistics _____ - _____	2
Health & Physical Well – Being (2 min) _____ - _____ from Gen Ed list	CR
_____ - _____ from Gen Ed List	
Humanities (9 credits – minimum)	CR
Literature Elective from Gen Ed List _____ - _____	
Fine Arts Elective from Gen Ed List _____ - _____	
Humanities Elective: HIST 210 OR _____ - _____ and (ANTH 220 under Social Sciences for DPI)	3
Social & Behavioral Sciences (9 minimum)	CR
PSYC – 110 General Psychology	3
POLS- 210 Government	3
Social Science Elective: ANTH-220 OR _____ - _____ and (HIST 210 under Humanities for DPI)	3
Natural Sciences (8 minimum)	CR
PHYS – 211/212 Intro to Physics with Lab or higher _____ - _____	4
BIO-111 Science, Society and Environ.	4
Technology (2 minimum)	CR
_____ - _____ from Gen Ed list	

Professional Education Requirements - 46 credits	
Teacher Education Core Courses (13 minimum)	CR
EDUC-303 Educational Psychology	3
EDUC -326 Foundations of Education	2
EDUC-336 Multiculturalism	2
EDUC-376 Cross Cult. Field Exp.	1
EDUC-382 Secondary Reading & Lang. Dev.	2
SPED-430 Inclusion	3
Technology Teacher Ed. Courses (33 minimum)	CR
STMED-160 Intro to Tech and Sci. Ed.*	3
STMED-260 Meth., Curric. & Assess I	3
TECED -325 Tech for Elem School Children.	2
TECED-340 Middle School Tech Ed*	2
STMED-360 Pre-Student Teaching	1
STMED-390 Lab and Clsrm Mgmt	3
STMED-460 Curr, Mth & Assess	3
TECED-409 Student Teaching	16

**Indicates course is used as a training pathway for Project Lead the Way (PLTW) courses. See (list website) for additional information for PLTW pathways.*

See reverse side for specific program requirements.

The Designed World - 38 credits	
Technical Requirements (38 minimum)	CR
RD -205 Design for Industry*	3
XXX-XXX Mechatronics*	2
MFGT-110 Materials & Manuf. I*	3
MFGT-204 Polymer Process	3
Take one of the following two: MFGT-202 Welding & Casting* MFGT-203 Mach. Metal Form	3
Take one of the following two: CAD-112 Engineering Drawing I* OR AEC-131 Architectural Graphics*	3
AEC-172 Construction Tech.	3
TRANS-XXX Transportation & Energy	3
ELEC-204 Electricity/Electronic Fund*	3
GCM-141 Graphics Communications	3
INMGMT-314 Industrial Enterprise Practicum	3
TECED-XXX PLTW Gateway to Tech Seminar*	1
TECED-XXX PLTW Intro to Eng. Design*	1
Technical Electives – (4 credits minimum) see reverse side	4

	Credits
Total for graduation	128
General Education	44
Professional Education	46
Technical Requirements	38

Student's Signature _____ Date: _____ Advisor's Signature _____ Date: _____

Program Policies for the B. S. in Technology Education:

In addition to meeting the SOE Benchmark Requirements the following are required:

- A minimum of 128 credits and a 2.75 GPA grade point average are needed to graduate.
- Professional Education courses (i. e. EDUC, SPED, TECED, STMED) require a grade of “C” or better.
- Courses with the TECED and STMED prefix can only be repeated once.
- By Benchmark II teacher education candidates will demonstrate competencies in the maintenance and safe utilization of common tools, materials and equipment found in public school settings as defined in TECED 360.
- At Benchmark II candidates will produce evidence of professional development related to Technology Education as defined in TECED 360.
- By Benchmark III candidates will require the successful completion of a teacher work sample (e. g., targets an academic standard, includes 4 or more lessons, assessment data, evidence of student learning, reflection).

Technical Electives

All technology education students are required to meet with their advisor to plan their Technical Electives. The purpose of this requirement is to provide the student with an opportunity to create more depth of understanding and skill within technical areas that are likely to be a part of their teaching responsibilities at the secondary level. Some courses or sequences of course may provide a student with the opportunity to seek certifications by outside accrediting bodies such as Project Lead the Way. **Technical college transfers need to meet with an advisor to gain approval of technical transfer courses.**

<p>Technical Electives (4 minimum).</p> <p>____ - ____ _____</p> <p>____ - ____ _____</p> <p>____ - ____ _____</p> <p>Approved by _____ (Advisor)</p> <p>Date: _____</p>	<p>Project Lead The Way Electives (courses needed for specific training area)</p> <p>Principles of Engineering: TECED XXX PLTW POE Seminar</p> <p>Digital Electronics: ELECT 271 Digital Logic & Switching TECED XXX PTLW DE Seminar</p> <p>Architecture and Civil Engineering: AEC -233 Architectural Design I AEC-237 Architectural Technology TECED-XXX PLTW CE&A Seminar</p> <p>Computer Integrated Manufacturing: MFGT-303 Computer-aided Manufact. TECED – XXX PLTW CIM Seminar</p>	<p>Consider electives from:</p> <p>AEC – Architecture, Eng. & Const. APRL – Apparel Design/Manufacturing ART – Ceramics, Art Metal, Print areas BIO – 210, 372 or approved CADD – CADD/Drafting CS – Computer Science DES – Design ELEC – Electricity GCM – Graphic Communications Mgmt. GDD – Game Design and Development INMGT – Industrial Management</p>	<p>Consider electives from:</p> <p>MECH – Engineering Mechanics MEDIA – Media Technology MFGT – Manufacturing Engineering MFGT – Manufacturing Technology MSCS – Math., Stats. & Computer Science NANO – Nanoscience/Nanotechnology PHYS – Physics PKG-Packaging POWER – Power RD – Design, Research and Development SUST – Sustainability TCS – Telecommunication Systems</p>
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