

IET Department

Program: **Industrial/Technology Education Assessment Plan**

Program Goals	Related Department Goals	Related College (CEPS) Goals	Related University Goals	Method(s) of Assessment	Who/What Assessed	When Assessed	Criterion of Achievement
<p>1. Student will demonstrate the knowledge, skills, and attitudes to be successful in their field.</p>	<p>Goal 1- To nurture programs in technology, and engineering technology related disciplines...</p> <p>Goal 4 (4.2)- Maintain and improve lab equipment and lab experiences consistent with current industry practices</p> <p>Goal 5- Continuously improve the cultural educational environment</p>	<p>Goal 1- Provide for an outstanding academic and professional growth experience for students at all CWU locations</p>	<p>Goal I- Maintain and strengthen an outstanding academic and student life...</p> <p>Goal VI- Build inclusive and diverse campus communities that promote intellectual inquiry and encourage civility, mutual respect, and cooperation</p>	<p>Course grades</p> <p>Portfolio assessment and presentation</p> <p>Letters of recommendation</p>	<p>Tech Ed. majors in core courses</p> <p>Seniors portfolio project</p>	<p>Quarterly (by course)</p> <p>End of major (IET 433)</p> <p>Application to professional ed. program and after student teaching</p>	<p>All graduates earn a C- or above on all major core courses</p> <p>Majors have an overall GPA of at least 2.5 for major and professional education sequence</p> <p>No student earns a negative referral based on student teaching form or certification form from CWU certification office</p>
<p>2. Recruit, attract, and retain highly</p>	<p>Goal 2 (2.3)- Proactive advising of campus</p>	<p>Goal 1-Provide for an outstanding</p>	<p>Goal I (1.4) Recruit, support, retain, and graduate</p>	<p>Count number of tech. ed. majors</p>	<p>Applications for Tech. Ed.</p>	<p>Reviewed annually by tech. ed.</p>	<p>Increase enrollment by at least one new major per</p>

qualified students.	students  Goal 9 (9.2)- Support the recruitment of a culturally diverse student population	academic and professional growth experience for students at all CWU locations  Goal 2-Prepare students to participate in an increasingly diverse economy and environment	well-qualified, diverse, and motivated students...  Goal V (5.2) Recruit and financially support academically promising students at al campuses and centers  Goal VI (6.4)- Ensure that all members of the university community are provided equitable opportunities for intellectual development, growth, success, and reward	Document recruitment activity(ies)	majors  Recruitment plan or activity including “contacts” made	program coordinator	recruiting activity
3. Assess and align curriculum with state and national program standards.	Goal 1 (1.3)- Maintain accreditation for Industrial/Technol ogy Education  Goal 5- Continuously	Goal 4- Build mutually beneficial partnerships with alumni, industry, professional groups, institutions, and	Goal IV (4.3) Strengthen relationships with all sectors of higher education and with local, state, and federal officials	See Technology Education program alignment matrix (attached)  Endorsement program approval form for	Structure of major and individual courses	Review cycles as determined by OSPI and/or PESB	Tech. Ed. major maintains state endorsement approval status  Average score on Tech. Ed. portion of West E exam at or above national

	improve the cultural educational environment	the communities surrounding our campus locations	Goal V (5.1) Identify, promote, and financially support academic and support programs of regional and national prominence...	Technology Education  Student performance on West E exam			average
4. Promote effective teaching	<p>Goal 4 (4.3) Maintain and upgrade educational delivery tools...</p> <p>Goal 5- Continuously improve the cultural educational environment</p> <p>Goal 8- Continuously improve support for the faculty and staff in their respective fields</p> <p>Goal 10- Promote lifelong learning for students,</p>	<p>Goal 1- Provide for an outstanding academic and professional growth experience for students at all CWU locations</p> <p>Goal 3- Recruit and retain a diverse and highly qualified faculty to develop and sustain prominent programs</p> <p>Goal 5- Provide professional, high-quality</p>	<p>Goal I- Maintain and strengthen an outstanding academic and student life on the Ellensburg campus</p> <p>Goal VI (6.2) Foster and promote a stimulating and intellectually rigorous community</p> <p>(6.4) Ensure that all members of the university community are provided equitable opportunities for intellectual development, growth, success,</p>	<p>Student Evaluation of Instruction (SEOI) administered for every class</p> <p>Peer classroom visits</p>	All faculty teaching courses in major	Reviews as established by merit, tenure, or post-tenure requirements	<p>Teaching evaluations will be consistent with department, college, and university norms</p> <p>Department chair and personnel committee with review teaching commendations and recommendations with faculty members under review</p>

	faculty and staff	staffing, facilities, technologies, and appropriate resources to ensure the highest levels of academic and professional development	and reward				
5. Faculty and students will be provided with opportunities for teaching, professional development, scholarship, and other leadership opportunities	<p>Goal 5 (5.1) Promote student professional organizations and professional activities</p> <p>Goal 7 Build mutually beneficial partnerships with industry, professional groups...</p> <p>(7.4) Sponsor student and professional activities</p>	Goal 4- Build mutually beneficial partnerships with alumni, industry, professional groups, institutions, and the communities surrounding our campus locations	<p>Goal I (1.5)- Increase opportunities for and encourage greater student participation in extracurricular and co-curricular activities</p> <p>Goal IV (4.1)- Increase involvement of students and employees in and with our multiple communities</p> <p>(4.2) Involve business and industry with</p>	<p>Count attendance at and presentations made at local, state, and national conferences by students and faculty</p> <p>Count number of funded and non-funded professional development requests and activities</p> <p>Approval and recognition of student technology club on campus</p>	<p>IET department records of fund requests, reimbursement requests</p> <p>CWU club application forms</p>	Review each academic year	<p>All faculty engage in at least one professional development activity per year</p> <p>All faculty apply for funding for scholarly activities at least every other year</p> <p>Maintain at least one student organization each year</p>

			university activities  Goal VI (6.4) Ensure that all members of the university community are provided opportunities for intellectual development, growth, success, and reward				
--	--	--	--	--	--	--	--

IET Department

Program: **Industrial/Technology Education – Assessing Student Learning Outcomes**

<b>Student Learning Outcomes (performance, knowledge, attitudes)</b>	<b>Related Program Goals</b>	<b>Related Departmental Goals</b>	<b>Related College Goals</b>	<b>Related University Goals</b>	<b>Method(s) of Assessment</b>	<b>Who Assessed</b>	<b>When Assessed</b>	<b>Standard of Mastery/ Criterion of Achievement</b>
1. Demonstrate effective oral and written communication skills	Goal 1-Student will demonstrate the knowledge, skills, and attitudes to be successful in their field	Goal 1- To nurture programs in technology, and engineering technology related disciplines...  Goal 5- Continuously improve the cultural educational environment	Goal 1- Provide for an outstanding academic and professional growth experience for students at all CWU locations	Goal I- Maintain and strengthen an outstanding academic and student life...  Goal VI- Build inclusive and diverse campus communities that promote intellectual inquiry and encourage civility, mutual respect, and cooperation	Written reflection and oral presentation during IET 433 Senior portfolio presentation (portfolio will include numerous oral and written examples of work from courses in major)	Seniors	Winter qtr. of senior year	Each student will earn a satisfactory (or above) evaluation during portfolio presentation
2. Demonstrate effective planning, preparation, and delivery of technology education lessons and plans	Goal 1-Student will demonstrate the knowledge, skills, and attitudes to be successful in	Goal 1- To nurture programs in technology, and engineering technology related	Goal 1- Provide for an outstanding academic and professional growth experience for students at all	Goal I- Maintain and strengthen an outstanding academic and student life...	Develop and deliver a lesson on an approved technology education topic  Senior portfolio	Juniors or seniors	Fall in IET 430  IET 433	Each student will earn a score of 80% or higher on development of technology lesson plan

	<p>their field</p> <p>Goal 5- Faculty and students will be provided with opportunities for teaching, professional development, scholarship, and other leadership opportunities</p>	<p>disciplines...</p> <p>Goal 5- Continuously improve the cultural educational environment</p>	<p>CWU locations</p>		<p>assessment which includes student selected work from professional education sequence to include in portfolio</p>	<p>Seniors</p>		<p>Each student will earn a score of 80% or higher on delivery of technology lesson</p> <p>Each student will earn a satisfactory (C or better) grade from professional education courses</p>
<p>3. Demonstrate the ability to use a variety of technology including computers, industrial machines and equipment commonly used in public schools and industry</p>	<p>Goal 1-Student will demonstrate the knowledge, skills, and attitudes to be successful in their field</p>	<p>Goal 1- To nurture programs in technology, and engineering technology related disciplines...</p> <p>Goal 4 (4.2)- Maintain and improve lab equipment and lab experiences consistent with current industry practices</p> <p>Goal 4 (4.3)</p>	<p>Goal 1- Provide for an outstanding academic and professional growth experience for students at all CWU locations</p> <p>Goal 5- Provide professional, high-quality staffing, facilities, technologies and appropriate resources to ensure the highest levels of academic and professional</p>	<p>Goal III- Strengthen and further diversity our funding base and strengthen infrastructure to support academic and student programs</p>	<p>Complete engineering drawings using CAD software</p> <p>Completion of woodworking project</p> <p>Completion of metal machining project</p> <p>Completion of electronic portfolio using LiveText</p>	<p>Students in IET 160</p> <p>Students in IET 145</p> <p>Students in MET 255</p> <p>Students accepted in education</p>	<p>Quarterly in IET 160</p> <p>Winter in IET 145</p> <p>Quarterly in MET 255</p> <p>Senior year</p>	<p>All graduates major GPA at or above 2.5</p> <p>All graduates presenting portfolio will meet or exceed standards</p>

		Maintain and upgrade educational delivery tools...	development			program (demonstrated in IET 433)		
<p>4. Demonstrate competence in at least five of the seven major areas of the Designed World (STL):</p> <ul style="list-style-type: none"> <li>▪ Medical</li> <li>▪ Agriculture &amp; Biotechnologies</li> <li>▪ Energy &amp; Power</li> <li>▪ Information &amp; Communication</li> <li>▪ Construction</li> <li>▪ Manufacturing</li> <li>▪ Transportation</li> </ul>	<p>Goal 1-Student will demonstrate the knowledge, skills, and attitudes to be successful in their field</p> <p>Goal 3- Assess and align curriculum with state and national program standards.</p>	<p>Goal 1- To nurture programs in technology, and engineering technology related disciplines...</p> <p>Goal 1 (1.3)- Maintain accreditation for Industrial/Tech Education</p>	<p>Goal 1- Provide for an outstanding academic and professional growth experience for students at all CWU locations</p> <p>Goal 5- Provide professional, high-quality staffing, facilities, technologies and appropriate resources to ensure the highest levels of academic and professional development</p>	<p>Goal I- Maintain and strengthen an outstanding academic and student life...</p> <p>Goal III- Strengthen and further diversity our funding base and strengthen infrastructure to support academic and student programs</p>	<p>Article reviews of five different content areas</p> <p>West E exam for Technology Education</p> <p>Senior portfolio assessment</p>	<p>Students in IET 433</p> <p>Seniors</p>	<p>Winter quarter in IET 433</p> <p>Senior status (Before program completion)</p>	<p>All graduates major GPA at or above 2.5</p> <p>Average score on Tech. Ed. portion of West E exam at or above national average</p> <p>Each student will earn a satisfactory (or above) on standards 14-20 of the STL</p>
<p>5. Demonstrate, practice, and use safety and safety principles as used currently in industry and public schools</p>	<p>Goal 1-Student will demonstrate the knowledge, skills, and attitudes to be successful in their field</p>	<p>Goal 1- To nurture programs in technology, and engineering technology related</p>	<p>Goal 1-Provide for an outstanding academic and professional growth experience for students at all</p>	<p>Goal I- Maintain and strengthen an outstanding academic and student life...</p> <p>Goal IV- Build</p>	<p>Safety exam</p> <p>Study guide and machine safety test assignment</p> <p>SHM 325 course</p>	<p>Students in IET 145</p> <p>Students in IET</p>	<p>Winter quarter in IET 145</p> <p>Fall quarter in IET 430</p> <p>Winter quarter</p>	<p>90% or better on IET 145 safety exam</p> <p>80% on study guide and machine safety test</p>



		<p>disciplines...</p> <p>Goal 4 (4.2)- Maintain and improve lab equipment and lab experiences consistent with current industry practices</p> <p>Goal 4 (4.3) Maintain and upgrade educational delivery tools...</p>	<p>CWU locations</p> <p>Goal 4- Build mutually beneficial partnerships with alumni, industry, professional groups, institutions, and the communities surrounding our campus locations</p>	<p>mutually beneficial partnerships with the public sector, industry, professional groups, institutions, and the communities surrounding our campuses</p>	<p>exam</p>	<p>430</p> <p>Students in SHM 325</p>	<p>in SHM 325</p>	<p>75% or higher on SHM 325 safety exam</p>
<p>6. Demonstrate familiarity with the concepts, theoretical perspectives, and historic trends in vocational education/Career &amp; Tech. Ed. (CTE)</p>	<p>Goal 1-Student will demonstrate the knowledge, skills, and attitudes to be successful in their field</p>	<p>Goal 1- To nurture programs in technology, and engineering technology related disciplines...</p>	<p>Goal 1- Provide for an outstanding academic and professional growth experience for students at all CWU locations</p> <p>Goal 2- Prepare students to participate in an increasingly diverse economy and environment</p>	<p>Goal I- Maintain and strengthen an outstanding academic and student life...</p> <p>Goal VI- Build inclusive and diverse campus communities that promote intellectual inquiry and encourage civility, mutual respect, and</p>	<p>Course grade from OCED 410</p> <p>West E exam for technology education</p>	<p>Students in OCED 410</p> <p>Seniors</p>	<p>Spring quarter in OCED 410</p> <p>Senior status (Before program completion)</p>	<p>Each student will earn a C or better from OCED 410</p> <p>Average score on Tech. Ed. portion of West E exam at or above national average</p>

				cooperation				
7. Students are committed to ongoing personal and professional development via participation in club activities and professional memberships	<p>Goal 1-Student will demonstrate the knowledge, skills, and attitudes to be successful in their field</p> <p>Goal 5- Faculty and students will be provided with opportunities for teaching, professional development, scholarship, and other leadership opportunities</p>	<p>Goal 1- To nurture programs in technology, and engineering technology related disciplines...</p> <p>Goal 5- Continuously improve the cultural educational environment</p>	<p>Goal 1-Provide for an outstanding academic and professional growth experience for students at all CWU locations</p> <p>Goal 4- Build mutually beneficial partnerships with alumni, industry, professional groups, institutions, and the communities surrounding our campus locations</p>	<p>Goal I- Maintain and strengthen an outstanding academic and student life...</p> <p>Goal IV- Build mutually beneficial partnerships with the public sector, industry, professional groups, institutions, and the communities surrounding our campuses</p> <p>Goal VI- Build inclusive and diverse campus communities that promote intellectual inquiry and encourage civility, mutual respect, and cooperation</p>	<p>Professional development assignment and survey</p> <p>Yes/No student participates in activity</p> <p>Membership in student club and/or professional memberships</p>	<p>Students in IET 430</p> <p>Students who are admitted to major</p>	<p>Fall quarter in IET 430</p> <p>Annually at end of academic year</p>	<p>100% of students complete professional development plan</p> <p>Every student participates in at least one workshop, competition, conference, and/or TSA event before graduation</p> <p>At least 50% of technology ed. students will be members of CTEA and/or student member of WITEA</p>