

Master of Engineering Technology Assessment Plan (MSET): IET Department

MSET Program Goals	Related Department Goals	Related College Goals	Related University Goals	Method(s) of Assessment	Who/What Assessed	When Assessed (term, dates)	Criterion of Achievement
Goal A. Improve the quality of instruction in the program.							
1. Students shall demonstrate the knowledge, skills, and attitudes to be successful in their field.	1. To nurture excellent programs in Technology, and Engineering Technology related disciplines by maintaining or obtaining national accreditation.	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 on the Ellensburg campus. Goal V: Achieve regional and national prominence for the university.	Student Learning Outcome Plan (separate document)	Graduates and employers on an annual/longitudinal basis using survey research methods. Anonymous interview responses and SEOI analyses.	Annually	All student learner outcomes that use direct measures meet established criterion levels. See the complete Student Learner Outcome Plan.
2. Continue to revise existing courses on a five-year cycle, based pedagogical practices of engineering technology education and surveying graduates and industry with regard to program quality and recommendations.	2. Strengthen the preparedness of freshman and transfer students. (Inclusive of graduate student prospects.)	Goal 1 - Provide for an outstanding academic and professional growth experience for students at all CWU locations. Goal 4 - Build mutually beneficial partnerships with alumni, industry, professional	Goal I: Maintain and strengthen an outstanding academic and student life on the Ellensburg campus.	Faculty analysis of survey data and then acting upon findings.	See above	Annually	Review by Advisory Council, yes or no. Reviews are placed in the Individual Course Assessment notebook.

		groups, institutions, and the communities surrounding our campus locations.					
3. Maintain class sizes conducive with good technology education practices that include a combination of didactics and practicums.				Course instructor's instructional evaluation with Chair. SEOI analysis.	Courses, program	Annually	Data is collected and analyzed in a spreadsheet. New sections of courses are added if needed.
4. Continue to provide a MSET program that is inter-disciplinary focused on attracting broad technology and/or engineering based clientele.				Intake survey of new graduate students.	Quarterly	Annually	Yes or no, enrollment is tabulated by quarter.
Goal B. Provide industry support.							
1. Make our MSET program known to industry and other education, training and development providers.	1. To nurture excellent programs in Technology, and Engineering Technology related disciplines by maintaining or obtaining regional and national recognition.	Goal 4 - Build mutually beneficial partnerships with alumni, industry, professional groups, institutions, and the communities surrounding our	Goal III: Strengthen and further diversify our funding base and strengthen infrastructure to support academic and student programs. Goal IV: Build mutually beneficial partnerships with the public sector.	Interviews with employers and education providers. Survey this group biannually for awareness of CWU MSET program.	Seminars, faculty and Internet based survey to personnel offices and guidance/career services offices	Annually	Seminars or programs are documented in a table. Goal is two seminars per year.

	national recognition.	campus locations.	with the public sector, industry, professional groups, institutions, and the communities surrounding our campuses. Goal V: Achieve regional and national prominence for the university.				
2. Place a minimum of 90% of graduates in responsible positions in industry.				Annual graduate follow-up survey.	MSET graduates and their employers	Annually	Post hoc survey data (graduating seniors, each year). The placement rate, job titles and average starting salaries are tabulated. The goal for graduating seniors is a 90% placement rate.
Goal C. Measurably improve the quality of the MSET program.							

<p>1. Improve the overall level of general technology knowledge of graduate students in the program with a minimum of 70% achieving job enhancement through career growth and/or change..</p>	<p>1. To nurture excellent programs in Technology, and Engineering Technology related disciplines by maintaining or obtaining regional and national recognition.</p> <p>2. Strengthen the preparedness of freshman and transfer students.</p> <p>4. Continuously improve physical 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 on the Ellensburg campus.</p> <p>Goal III: Strengthen and further diversify our funding base and strengthen infrastructure to support academic and student programs</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 V: Achieve regional and national prominence for the university.</p>	<p>Graduate follow-up survey</p>	<p>Graduate Students</p>	<p>Annually</p>	
<p>2. Continue efforts that include:</p> <ul style="list-style-type: none"> • Fund-raising • Program distinction • Attracting a diverse graduate student base • Provide a broad-based MSET core. 				<p>The MSET Advisory Council</p>	<p>Industry and faculty</p>	<p>Fall quarter</p>	<p>The goal is to raise \$5000 per year.</p>

<ul style="list-style-type: none"> Sponsoring annual alumni events. 				Alumni Relations records	Industry and faculty	Annually	Yes or no. This includes the golf tournament and events such as the cocktail hour or other alumni events. Attendance and dates are tabulated.
<ul style="list-style-type: none"> Conduct two meetings per year to provide advice on curriculum, program needs, etc. 				Advisory Council meeting minutes	Industry and faculty	Annually	Minutes of each meeting are recorded, sent to council members and keep in a notebook. Goal is a minimum of two meetings per year.
<ul style="list-style-type: none"> Publish two newsletters per year. 				Records of publication	Faculty, program	Annually	Each copy of the "Building Times" newsletter is kept on file. Goal is a minimum of two per year.
<ul style="list-style-type: none"> Continue industry and university relations efforts for the program. 				Record of participation	Faculty and industry	Ongoing	Attendance at AGC and AGC Education Foundation Board meetings by faculty members is documented. Goal is ongoing involvement.

<p>4. Goal D. Support professional development for program faculty</p>							
<p>1. Send each faculty member to a minimum of one professional conference per year.</p>	<p>5. Continuously improve the cultural educational environment.</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 staffing, facilities, technologies, and appropriate resources to ensure the highest levels of academic and professional development.</p>	<p>Goal VI: Build inclusive and diverse campus communities that promote intellectual inquiry and encourage civility, mutual respect, and cooperation.</p> <p>Goal V: Achieve regional and national prominence for the university.</p>	<p>Records of attendance</p>	<p>Faculty</p>	<p>Annually</p>	<p>Attendance is documented and tabulated. Goal is a minimum of one conference per year per faculty member.</p>
<p>2. Have each faculty member write and publish a minimum of one paper or article per year or write and submit a grant application relative to his/her area of expertise.</p>				<p>Publication records</p>	<p>Faculty</p>	<p>Annually</p>	<p>Papers and grants, written and published, are documented and tabulated. Goal is a minimum of one paper/article per academic year.</p>

3. Continue a faculty internship program where each faculty member can intern with or visit employers.				Record of participation	Faculty	Annually	Involvement in industry is documented and tabulated. Goal is ongoing involvement.
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IET Student Learning Outcome Assessment Plan Preparation Form

Master of Science in Engineering Technology Program

Student Learning Outcomes (performance, knowledge, attitudes)	Related Program Goals	Related Departmental Goals	Related College Goals	Related University Goals	Method(s) of Assessment (What is the assessment?)*	Who Assessed (Students from what courses – population)**	When Assessed (term, dates) ***	Standard of Mastery/ Criterion of Achievement (How good does performance have to be?)
1.								
2.								
3.								
4.								

