

IET Department/ Program Assessment Plan

Program: EET

| Program Goals | Related Department Goals | Related College Goals | Related University Goals | Method(s) of Assessment (What is the assessment?) | Who/What Assessed (population, item) | When Assessed (term, dates) | Criterion of Achievement (Expectation of how good things should be?) |
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| <p>1. Provide for an outstanding academic and professional growth experience for students</p> | <p>1. To nurture excellent programs in Technology, and Engineering Technology related disciplines by maintaining or obtaining national accreditation in the following programs:</p> <p>8. Continuously improve support for the faculty and staff in their respective fields.</p> <p>9. Value diversity of background, experience, beliefs, and perspectives as a means to</p> | <p>Goal 1 - Provide for an outstanding academic and professional growth experience for students at all CWU locations. (CWU Goals 1,2,5)</p> <p>Goal 2 - Prepare students to participate in an increasingly diverse economy and environment. (CWU Goal 6)</p> <p>Goal 3 - Recruit and retain a diverse and</p> | <p>Goal I: Maintain and strengthen an outstanding academic and student life on the Ellensburg campus.</p> <p>Goal II: Provide for an outstanding academic and student life at the university centers.</p> <p>Goal III: Strengthen and further diversify our funding base and strengthen infrastructure to support academic and student</p> | <p>1. Survey students</p> <p>2. Survey Graduating Seniors</p> | <p>Students one year prior to graduation / perception of their academic and professional growth experience</p> <p>Students at the end of their senior presentation course / perception of their academic and professional growth experience</p> | <p>Spring Qtr</p> | <p>80% of students having a good or better experience</p> <p>80% of students had a good or better experience</p> |

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| | <p>improve the quality of the educational experience and to achieve civility.</p> <p>10. Promote lifelong learning for students, faculty and staff.</p> | <p>highly qualified faculty to develop and sustain prominent programs. (CWU Goals 1,2,5)</p> <p>Goal 4 - Build mutually beneficial partnerships with alumni, industry, professional groups, institutions, and the communities surrounding our campus locations. (CWU Goal 4)</p> <p>Goal 5 - Provide professional, high-quality staffing, facilities, technologies, and appropriate resources to ensure the</p> | <p>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>Goal VI: Build inclusive and diverse campus communities that promote intellectual inquiry and encourage civility, mutual respect, and cooperation.</p> | | | | |
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| | | highest levels of academic and professional development. (CWU Goals 1,2,3) | | | | | |
| 2. Maintain TAC/ABET accreditation for EET and MET | 8. Continuously improve support for the faculty and staff in their respective fields. 10. Promote lifelong learning for students, faculty and staff. | Goal 1 – Provide for an outstanding academic and professional growth experience for students at all CWU locations. (CWU Goals 1,2,5) Goal 2 - Prepare students to participate in an increasingly diverse economy and environment. (CWU Goal 6) Goal 3 - Recruit | Goal I: Maintain and strengthen an outstanding academic and student life on the Ellensburg campus. Goal II: Provide for an outstanding academic and student life at the university centers. Goal V: Achieve regional and national prominence for the university. Goal VI: Build inclusive and | 1. Go through the accreditation experience | 1. Students 2. Program educational Objectives 3. Program outcomes 4. Continuous improvement program 5. Curriculum 6. Faculty 7. Facilities 8. Support A. Administration | Summer 2010 | One or less weakness |

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| | | and retain a diverse and highly qualified faculty to develop and sustain prominent programs. (CWU Goals 1,2,5) | diverse campus communities that promote intellectual inquiry and encourage civility, mutual respect, and cooperation. | | B. Institutional C. Advisement 9. Program Criteria | | |
| 3. Advance the standing of the EET program with constituency groups | 7. Build mutually beneficial partnerships with industry, professional groups, institutions, inter-department, inter-university, and the communities surrounding our campus locations. 8. Continuously improve support for the faculty and staff in their respective fields. | Goal 2 - Prepare students to participate in an increasingly diverse economy and environment. (CWU Goal 6) Goal 4 - Build mutually beneficial partnerships with alumni, industry, professional groups, institutions, and the communities surrounding our | Goal I: Maintain and strengthen an outstanding academic and student life on the Ellensburg campus. Goal II: Provide for an outstanding academic and student life at the university centers. Goal IV: Build mutually beneficial partnerships with the public | 1. Survey 2. Survey 3. Develop various assessment tools for accreditation agencies | grads industrial advisory committee. Program Assessment Plan | June 2008 March 2008 February 1, 2008 | 25% response 80% response All EET faculty review |

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| | 9. Value diversity of background, experience, beliefs, and perspectives as a means to improve the quality of the educational experience and. | campus locations. (CWU Goal 4) Goal 5 - Provide professional, high-quality staffing, facilities, technologies, and appropriate resources to ensure the highest levels of academic and professional development. (CWU Goals 1,2,3) | sector, industry, professional groups, institutions, and the communities surrounding our campuses. Goal V: Achieve regional and national prominence for the university. | | | | |
| 4. Recruit new students | 2. Strengthen the preparedness of freshman and transfer students. 9. Value diversity of background, experience, beliefs, and perspectives as a means to improve the quality of the educational | Goal 1 - Provide for an outstanding academic and professional growth experience for students at all CWU locations. (CWU Goals 1,2,5) Goal 2 - Prepare | Goal I: Maintain and strengthen an outstanding academic and student life on the Ellensburg campus. Goal II: Provide for an outstanding academic and student life at | 1. survey 2. Make EET TAPP forms for one DTA degree from CCs | Advisors will survey new majors Program Coordinator | Each new major 08-09 March 2008 | Recruit 5 students 50% of DTAs 10 tech programs on the west side |

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| | <p>experience and to achieve civility.</p> <p>10. Promote lifelong learning for students, faculty and staff.</p> | <p>students to participate in an increasingly diverse economy and environment. (CWU Goal 6)</p> <p>Goal 3 - Recruit and retain a diverse and highly qualified faculty to develop and sustain prominent programs. (CWU Goals 1,2,5)</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>the university centers.</p> <p>Goal V: Achieve regional and national prominence for the university.</p> <p>Goal VI: Build inclusive and diverse campus communities that promote intellectual inquiry and encourage civility, mutual respect, and cooperation.</p> | | | | |
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| | | (CWU Goals 1,2,3) | | | | | |
| 5. Enhance the learning environment | <p>4. Continuously improve physical educational environment.</p> <p>6. Develop a diversified funding base to support academic and student programs.</p> | <p>Goal 1 - Provide for an outstanding academic and professional growth experience for students at all CWU locations. (CWU Goals 1,2,5)</p> <p>Goal 3 - Recruit and retain a diverse and highly qualified faculty to develop and sustain prominent programs. (CWU Goals 1,2,5)</p> <p>Goal 5 - Provide professional, high-quality staffing, facilities, technologies,</p> | <p>Goal I: Maintain and strengthen an outstanding academic and student life on the Ellensburg campus.</p> <p>Goal II: Provide for an outstanding academic and student life at the university centers.</p> <p>Goal III: Strengthen and further diversify our funding base and strengthen infrastructure to support academic and student programs.</p> <p>Goal V: Achieve regional and national prominence for the university.</p> | 1. Review EET foundation account transactions | Did anyone give us money | May 2008 | If we get someone to make a deposit |

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| | | and appropriate resources to ensure the highest levels of academic and professional development. (CWU Goals 1,2,3) | | | | | |
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IET Student Learning Outcome Assessment Plan Preparation Form

Program EET

| 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?) |
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| 3.a. an appropriate mastery of the knowledge, techniques, skills and modern tools of their disciplines | 2. Maintain TAC/ABET accreditation for EET and MET | 1. To nurture excellent programs in Technology, and Engineering Technology related disciplines by maintaining or obtaining national accreditation in the following programs: | <p>Goal 1 - Provide for an outstanding academic and professional growth experience for students at all CWU locations. (CWU Goals 1,2,5)</p> <p>Goal 2 - Prepare students to participate in an increasingly diverse economy and environment. (CWU Goal 6)</p> | <p>Goal I: Maintain and strengthen an outstanding academic and student life on the Ellensburg campus.</p> <p>Goal II: Provide for an outstanding academic and student life at the university centers.</p> <p>Goal V: Achieve regional and national prominence for the university.</p> <p>Goal VI: Build</p> | Rubric | Instructor EET 221 EET 312 EET 323 EET 324 | FALL WINTER SPRING SPRING | Beginning Developing Accomplished Accomplished |

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| | | | | inclusive and diverse campus communities that promote intellectual inquiry and encourage civility, mutual respect, and cooperation. | | | | |
| 3.b. an ability to apply current knowledge and adapt to emerging applications of mathematics, science, engineering and technology. | | | | | Rubric | Instructor EET 221 EET 312 EET 323 EET 324 | FALL WINTER SPRING SPRING | Beginning Developing Accomplished Accomplished |
| 3.c. an ability to conduct, analyze and interpret experiments and apply experimental results to improve | | | | | Rubric | Instructor EET 221 EET 312 EET 323 | FALL WINTER SPRING | Beginning Developing Accomplished |

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| processes. | | | | | | | | |
| 3.d. an ability to apply creativity in the design of systems, components, or processes appropriate to program objectives. | | | | | Rubric | Instructor EET 323 | SPRING | Accomplished |
| 3.e. an ability to function effectively on teams | | | | | Rubric | Instructor EET 371 | WINTER | Developing Accomplished |
| 3.f. an ability to identify, analyze and solve technical problems. . | | | | | Rubric | Instructor EET 323 EET 324 EET 376 | SPRING SPRING WINTER | Accomplished Accomplished Accomplished |
| 3.g. an ability to communicate effectively | | | | | Rubric | Instructor EET 323 EET 376 | SPRING WINTER | Developing Developing |

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| . | | | | | | EET 478 EET 479 EET 489 | FALL WINTER SPRING | Developing Accomplished Accomplished |
| 3.h. a recognition of the need for, and an ability to engage in lifelong learning. | | | | | Rubric | Instructor EET 478 EET 479 EET 489 | FALL WINTER SPRING | Developing Accomplished Accomplished |
| 3.i. an ability to understand professional, ethical and social responsibilities . | | | | | Rubric | Instructor EET 478 EET 479 EET 489 | FALL WINTER SPRING | Developing Accomplished Accomplished |
| 3.j. a respect for diversity and a knowledge of contemporary professional, societal and global issues. | | | | | Rubric | Instructor EET 221 | FALL | Developing |

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| 3.k. a commitment to quality, timeliness, and continuous improvement. | | | | | Rubric | Instructor EET 478 EET 479 EET 489 | FALL WINTER SPRING | Developing Accomplished Accomplished |
| 9.A.1. Application of circuit analysis to the building, testing, operation, and maintenance of electrical/ electronic circuits. | | | | | Rubric | Instructor EET 221 EET 312 EET 323 EET 324 | FALL WINTER SPRING SPRING | Developing Developing Accomplished Accomplished |
| 9.A.2. Application of computer programming to the building, testing, operation, and maintenance of electrical/ electronic circuits. | | | | | Rubric | Instructor EET 370 EET 376 EET 452 | FALL WINTER WINTER | Developing Accomplished Accomplished |

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| <p>9.A.3. Application of associated software to the building, testing, operation, and maintenance of electrical/ electronic circuits.</p> | | | | | <p>Rubric</p> | <p>Instructor EET 221 EET 312 EET 323 EET324 EET 342</p> | <p>FALL WINTER SPRING SPRING FALL</p> | <p>Developing Developing Accomplished Accomplished Accomplished</p> |
| <p>9.A.4. Application of circuit analysis to the building, testing, operation, and maintenance of electrical/ electronic circuits.</p> | | | | | <p>Rubric</p> | <p>Instructor EET 221 EET 312 EET 324</p> | <p>FALL WINTER SPRING</p> | <p>Developing Developing Accomplished</p> |
| <p>9.A.5. Application of analog electronics to the building, testing, operation, and</p> | | | | | <p>Rubric</p> | <p>Instructor EET 221 EET 312 EET 323</p> | <p>FALL WINTER SPRING</p> | <p>Beginning Developing Accomplished</p> |

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| maintenance of electrical/ electronic circuits. | | | | | | | | |
| 9.A.6. Application of digital electronics to the building, testing, operation, and maintenance of electrical/ electronic circuits. | | | | | Rubric | Instructor EET 371 EET 372 | WINTER SPRING | Developing Accomplished |
| 9.A.7. Application of microcomputers to the building, testing, operation, and maintenance of electrical/ electronic circuits. | | | | | Rubric | Instructor EET 370 EET 375 EET 376 | FALL FALL WINTER | Developing Developing Accomplished |
| 9.B. Application of | | | | | Rubric | Instructor EET 312 | WINTER | Developing |

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| physics to electrical/ electronic circuits. | | | | | | EET 342 | FALL | Accomplished |
| 9.a.1. The ability to analyze, design, and implement instrumentation systems. | | | | | Rubric | Instructor EET 342 | FALL | Accomplished |
| 9.a.2. The ability to analyze, design, and implement computer systems. | | | | | Rubric | Instructor EET 370 EET 376 EET 452 | FALL WINTER WINTER | Beginning Developing Developing |
| 9.b. the ability to apply project management techniques to electrical/ electronic systems. | | | | | Rubric | Instructor EET 455 EET 479 EET 489 | WINTER | Beginning Developing Accomplished |

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| 9.c.1 the ability to utilize statistics and probability in support of electrical/ electronic systems. | | | | | Rubric | Instructor IET 380 | SPRING | Developing |
| 9.c.1 the ability to utilize transform methods in support of electrical/ electronic systems. | | | | | Rubric | Instructor EET 324 | SPRING | Accomplished |