

2017-2018 Assessment Report

Software Engineering Technology

1 Program Mission

The mission of the Software Engineering Technology (SET) Bachelor's Degree Program within Computer Systems Engineering Technology (CSET) Department at Oregon Institute of Technology is to prepare our students for productive careers by providing an excellent education incorporating industry-relevant, applied laboratory-based instruction in both the theory and application of software engineering.

Major components of the SET Engineering Technology students to meet current and emerging software trends.

Scholarship, leadership, and professional service among our graduates.

To create, develop, apply, and disseminate knowledge within the field of
produce graduates that:

- Use their knowledge of engineering to creatively and innovatively solve difficult computer systems problems.
- Regularly engage in exploring, learning and applying state-of-the-art hardware and software technologies to the solution of computer systems problems.
- Will be an effective team member that contributes to innovative software design solutions to the resolution of computer systems problems.
- Will communicate effectively, both as an individual and within multi-disciplinary teams.

3 Program Description and History

The Software Engineering Technology (SET) program was implemented in Klamath Falls in 1984 and was initially accredited by ETAC of ABET in 1991. The Portland program was established in Fall 1996 under the same accreditation and is currently located on the Wilsonville campus. The Associate degree was accredited by ETAC of ABET in 2009. The program has continuously evolved as industrial changes have warranted.

- J. a knowledge of the impact of engineering technology solutions in a societal and global context;
and
- K. a commitment to quality, timeliness, and continuous improvement.

5 Curriculum Map

Course	Title	ESLO
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7 Methods for Assessment

For both Junior Project and Senior Project, various artifacts were examined to determine the students' skills in this area. The rubric that was used is as follows:

CSET Designing a System, Component or Process Rubric

ETAC

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