# B.S. Operations Management Oregon Tech Assessment Report 2019-20

#### Program Description and History

The Operations Management degree at Oregon Tech has undergone several iterations in recent decades. Oregon Tech originally offered an Industrial Management degree; this degree evolved in the mid-1990s into an Industrial Engineering degree which was accredited by ABET. Oregon Tech hoped to increase enrollment with these changes. Enrollment, however, dropped dramatically as students were not interested in an engineering emphasis. In 2002 the curriculum was revised, the ABET accreditation was dropped, and the degree name was changed to Operations Management. Today, the Operations Management program is transfer-friendly, preparing students for leadership positions in the production and service industries. Curriculum enhancements developed in 2014-2015 were rolled out in 2015-2016 and include a new course sequence that offers courses in Materials Management, Logistics Management and Quality Management. This sequence brings additional depth to the Operations Management degree program. This degree option is offered in Klamath Falls and Wilsonville as well as online. The Operations Management degree program was awarded accreditation by the International Accreditation Council for Busi2 m(ediiCB3Ame)duun

Total enrollment across all campuses is approximately 53 students; 22 at the Klamath Falls campus, 14 in Wilsonville, and 17 online. The program graduated 15 students for 2019. The three-year annual starting salaries averaged \$56,500. The program has a 94% success rate (within six months of graduation students are employed or in graduate school).

#### Industry Relationships

Building relationships with industry continues to be a priority for the Operations Management degree program and somewhat of a challenge given the Klamath Falls campus location and the number of potentially meaningful industry relationships in the immediate area. Despite that, students are finding internships and senior projects with industry sponsors including Interfor, Cascade Health Alliance, Sky Lakes Medical Center, Columbia Forest Products, Dutch Bros and Jeld-Wen to name a few. The trend

Success Stories

### Program Student Learning Outcomes (PSLO)

Upon completion of this program, Operations Management graduates will be able to:

- 1. Apply knowledge of fundamental concepts of operations management.
- 2. Apply knowledge of approaches to operational performance improvement.

#### Assessment Cycle

#### Assessment Schedule

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- 2. **Department Level Student Learning Outcomes**: IACBE requires all accredited institutions to complete a Public Disclosure of Student Achievement on an annual basis. In addition, all outcomes are assessed annually, with the full self-study for IACBE core student learning outcomes (Core SLOs 1-5) completed every seven years.

Outcomes:	Direct	Indirect
Communicate the major concepts in the functional areas of accounting, marketing, finance, information technology, and management.	<ul><li>x Case Study</li><li>x Senior Project</li></ul>	x Senior Exit Survey
Describe the legal, social, ethical, and economic environments of business in a global context.	<ul><li>x Case Study</li><li>x Senior Project</li></ul>	x Senior Exit Survey
Solve organization problems, individually and/or in teams, using quantitative, qualitative, and technology-enhanced approaches.	<ul><li>x Case Study</li><li>x Senior Project</li></ul>	x Senior Exit Survey
Demonstrate professional communication and behavior.	<ul><li>x Case Study</li><li>x Senior Project</li></ul>	x Senior Exit Survey
Apply knowledge of business concepts and functions in an integrated manner.	<ul><li>x Case Study</li><li>x Senior Project</li></ul>	x Senior Exit survey

3. Program Student Learning Outcomes: Program Based Annual Assessment Schedule and Activity

Outcomes:	Direct	Indirect
Apply knowledge of fundamental concepts of operations management.	x Senior Project	x Senior Exit Survey
Apply knowledge of approaches to operational performance improvement.	<ul><li>x Senior Project</li><li>x Lean Management</li><li>Assignment</li></ul>	x Senior Exit Survey

## Evidence of Improvement in Student Learning

## 1. Department Level Student Learning Outcomes, Activities and Results

Management Department			
Program Outcomes	Minimal Acceptable Performance	Assessment from 2019-20	Results from 2019-20
Communicate the major concepts in the functional areas of accounting, marketing, finance, information technology, and management.	80% achieve a rate of 3 or 4	Senior Project N=74	88%
	80% achieve a rate of 3 or 4	Case Study N=89	88%
	80% score 4, 5, or 6	Senior Exit Survey N=81	85%

Describe the legal, social, ethical, and economic i26.82 re 615.46 Tm0 gGi90.04 81.5

moving forward, rather than assessing all SLOS in the case study, the department would only focus in on two -

2. Program Student Learning Outcomes, Activities and Results