

**Information Technology – Health Informatics
Oregon Tech Assessment Report
2013-2014**

I. Program History

History

The Information Technology degree was first offered at OT in 1999. In addition, the Management Department offered degrees in Management Information Systems and Management Information Systems, Management Accounting Option. Because of similarities across these degrees, and in response to student and employer requests, the Department restructured the Information Technology degree in 2006. Today the Information Technology degree allows students to choose from four specialty areas: Accounting, Applications Development, Business/Systems Analysis, and Health Informatics. The field of Health Informatics is the result of the convergence of information management and information technologies. Health informatics professionals work in operational and management positions throughout the health care industry in such locales as hospitals, clinics, managed care organizations, software vendors and government agencies. This degree option was first offered in Klamath Falls and Portland in fall 2008. Current enrollment is 67 students with 20

Direct Assessment

ETS Major Field Test (SLO 1,2,3,4 are Assessed)

Compared to Nation	Klamath Falls n = 2	Wilsonville n = 6
Total Percentage	22%	57%

Table 1: ITH Option compared to national individuals who took the ETS Major Field Test

Table 2: Program compared by subject

Strengths

Students performed well in Information Systems.

Weaknesses

The Oregon Tech Online and Klamath Falls programs did not have a large sample size. Some students opted out of completing the exam or did not give adequate effort, stopping prior to completion

Table 3: Assessment Results from Senior Survey

Results from Senior Focus Group

Overall students are pleased with their career prospects and understand the program outcomes. The senior project focus group was facilitated in BUS 478, a course that all seniors in the program are required to take.

Strengths: Students found upper division courses designed for their discipline to be the biggest strength of the program. Students also feel that they are job ready.

Weaknesses: Students mentioned that their Data Networking courses were not strong enough to prepare them for the workforce, there was mention that the material did not address real world application. Additionally students mentioned that the program is emphasized too heavily on business courses.

Action Items:

Hired a full time faculty member to lead the networking courses. Spend more time emphasizing the value of understanding business fundamentals in Information Technology.

Results from Critical Thinking Assessment

Category	Percentage Met or Exceeded Faculty Expectations
Identification	0%
Clarification	0%
Evaluation	100%

Table 4: Critical Thinking Results

Strengths:

N/A

Weaknesses:

The critical thinking assessment has an n=1. Only having one student registered in the

Action Plans

Emphasize the value of the critical thinking assignment within the program and emphasize critical thinking. Collaborate with all faculty across campuses to ensure that all students are completing this assessment activity.

V. Summary

The IT program is struggling to obtain quality data from all locations, and with low enrollment continuing to have small sample sizes that drastically affects the quality of our assessment measurements. Re-designing the IT curriculum and outcomes is a current initiative to improve quality and entice enrollment. During the 2013-2014

PSLO recommendation. A proposal for a new degree in Health Informatics is currently under review with the Oregon University System. The anticipated start date is Fall 14.