

FERRIS STATE UNIVERSITY

COHP 350

STATISTICS IN HEALTH CARE

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Introduction

COHP 350, *Statistics in Health Care*, is one of the core courses that all students pursuing a Bachelor of Science Degree in the College of Health Professions has to successfully complete. Each semester there are approximately 20 sections offered during the academic year and approximately 4 sections each summer semester. This course is taught in both **online** and **face-to-face** formats. Between fall semester 2014 and fall semester 2016 552 online students and 360 face-to-face students were enrolled for a total of 912 students.

Fall Semester 2014 – Spring Semester 2016

Current Textbook Cost \$57.30 - \$143.20

Total Costs to 912 Students Enrolled in COHP 350

\$52,257.60 - \$130,598.40

Proposed Textbook

Total Cost to Students Enrolled in COHP 350

FREE

Relationship of Free the Textbook Initiative and ISSO Grant

A team of CHP faculty members, Michael Reger, Emmanuel Jadhav and Sheila MacEachron, received a two year ISSO grant which was completed spring semester 2017. The emphasis of the grant was to increase student success in courses that traditionally have had high attrition and below a letter grade of “C” achieved. Data was acquired and it was noted that students with a mean GPA above 3.0 were successful in the course.

Although the grant has been completed, I plan on continuing to explore ways to assist students in successful completion of the course. When students were surveyed spring semester 2017, the results indicated that 100% of students would use a free electronic textbook more often than a hard copy. When I showed them the textbook we would like to use, they indicated that it appeared easier to understand than the current textbook.

Conclusion

As lead instructor for COHP 350, I have asked instructors that traditionally teach the course for their input before the end of spring semester 2017 regarding the openstax textbook that I have reviewed. It is the hope that the new textbook will be utilized fall semester 2017. With student debt on everyone’s mind, a cost savings of up to \$130,598 would be a step in the right direction.

Please feel free to contact me at sheilamaceachron@ferris.edu with any questions. Thank you.

