College of Science (CSCI)

## 2015-2016 CSCI EETF Assessment Year End Report, June, 2016

| Program Name(s) | EETF Faculty Rep | Department Chair |
|---|---|---|
| Statistics MS | Lynn Eudey | |

the MS programs to specific
course problems on the MS exam.  The comprehensive examination has a common (to both programs) 4-hour closed book examination and, four days later, program-specific 4-hour open book examinations.  Questions on the examinations are identified with the required graduate courses.  Rubrics were established for the outcomes in Spring 2015 and implemented both in Spring 2015 and 2015-2016.

The SLO that was not evaluated by the Comprehensive Examination involve communication skills (SLO #5 for Statistics MS).  It was decided that this SLO is better addressed by term projects that involve communication (either a written project or presentation that is worth considerable weight in the grading scheme of the course).  For the Statistics MS SLO #5, STAT
Last year the course
was formally selected and the rubric developed but not yet implemented.

All implementations of academic assessment took place after the last faculty meeting of the academic year, hence faculty review and any changes to the curriculum will be done in the future.  This year we transformed both of our MS programs for the semester conversion.

**D. Summary of Assessment Results**

programs.  The tests are written to test knowledge from the required core courses for each program.  Typically our pass rate is 75% or higher.  Combined over the past few years, the average pass rate for Statistics MS is 79% (SD = 16%).  For Fall 2015 and Spring 2016 the pass rate for Statistics is 75.8%.  Most of the students take the comprehensive examination in the Spring (Fall 2015, $n = 15$ and Spring 2016. $n = 47$ for Statistics).

Last
Rubrics used were on a 5-point scale with 5 denoting exemplary demonstration of the SLO involved and 1 denoting no or very poor demonstration of the SLO involved.  The results for Statistics MS program for 2015-2016 are shown in Table 1 on the next page.

**Table 1: Frequencies of Rubric-Scores for Statistics MS 2015-2016**

|  | SLO 1 | SLO 2 | SLO3 | SLO 4 | SLO6 |
|---|---|---|---|---|---|
| 0 | 2 | 1 | 5 | 2 | 4 |

Rubric
Score