



**FOREST LAKE AREA SCHOOLS
FOREST LAKE, MN 55025**

March 5, 2015

AGENDA ITEM: 10.3

**TOPIC: FIRST READING: NEW COURSE PROPOSAL – COLLEGE
IN THE SCHOOLS (CIS) BASIC AND APPLIED
STATISTICS**

BACKGROUND: Through exploration of possible math offerings that would provide students opportunity to earn college credits beyond the current opportunities in Advanced Placement Calculus , Advanced Placement Statistics, and CIS Mathematical Modeling and Prediction, the secondary math department researched the proposed new course, CIS Basic and Applied Statistics, offered through the University of Minnesota. With a prerequisite requiring successful completion of a high school Algebra Course, Algebra II, this course would afford students another way to access post-secondary credit prior to high school graduation.

PROCESS: After researching potential college credit offerings, secondary mathematics staff attended an informational meeting at the University of MN concerning this course. A staff member was invited to an interview to screen potential teachers for approval to teach the course. The U of M has granted permission for Forest Lake Area Schools to offer this course based on the interview and acceptance of one of our staff members as eligible to teach this course. It is proposed that this course be offered at the Area Learning Center, beginning in 2014-15 All HS students would be eligible for the course, but it will be taught at the ALC. The course would be included in the high school registration guide for the 2015-16 school year.

This course will engage students using a modeling and simulation approach to inference. Students will be engaged with course readings, small group and large group discussions and activities, as well as homework assignments. This course integrates data collection and statistical analysis through a process of hands-on experiences. The U of M course outline is attached for review.

This course would provide students another opportunity to gain college credit in a more non-traditional approach than Advanced Placement courses.

RECOMMENDATION: First Reading of new course proposal: College in the Schools Basic and Applied Statistics.