



MATHEMATICS SKILLS LAB — MATS 0100

A. Course Description

- **Credits:** 3.00
- **Lecture Hours/Week:** 2.00
- **Lab Hours/Week:** 1.00
- **OJT Hours/Week:** 0
- **Prerequisites:** None
- **Corequisites:** None
- **MnTC Goals:** None

Primarily serves pre-program students or those desiring review of pre-algebra concepts. Topics include fractions, decimals, percentages, proportions, and study skills. A combination of group activities and ALEKS adaptive software is used, giving students some freedom to work further in the curriculum and accelerate their progress through the developmental sequence.

B. Course Effective Dates: 5/21/14 – Present

C. Outline of Major Content Areas

1. Advanced topics
2. Geometry
3. Linear equations & inequalities
4. Lines & functions
5. Measurement & data
6. Review of percents & proportions
7. Review of whole numbers, fractions and decimals

D. Learning Outcomes

1. Apply number sense concepts
2. Develop tools to deal with math anxiety
3. Master 100 mini-topics from ALEKS courseware
4. Understand how math is useful in a future career
5. Understand how to study for written mathematics exams
6. Understand problem solving strategies
7. Utilize strategies for learning mathematics
8. Utilize strategies for success in higher education

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

F. Learner Outcomes Assessment

As noted on course syllabus

G. Special Information

None noted