

## Student Learning Outcomes (SLOs)

SLOs are used to assess the course--how well or if students are learning a particular topic.

Measurable objectives are instructional expectations for a given course that establish curricular elements and standards. Measurable objectives are used to assess whether a student knows the required material for that particular course.

Below are the SLOs for Math 180 and Math 71. The Measurable Objectives for these courses are part of the syllabus given each student the first day of class.

### Math 180

1. Students can differentiate algebraic and transcendental functions.
2. Students can solve optimization problems.
3. Students can compute instantaneous rates of change in applications.
4. Students can evaluate integrals of elementary functions using the method of substitution.

### Math 71

1. Students will be able to solve a wide variety of equations without being told what type of equation they are solving.
2. Students will be able to graph a wide variety of functions and conic sections.