

MATH 115 - Applied Calculus Course Outline

Approval Date: 05/20/2013

Effective Date: 08/01/2018

SECTION A

Unique ID Number CCC000285813

Discipline(s) Mathematics

Division Mathematics

Subject Area Mathematics

Subject Code MATH

Course Number 115

Course Title Applied Calculus

TOP Code/SAM Code 1701.00 - Mathematics, General / E - Non-Occupational

Rationale for adding this course to the curriculum Content changes are to better align with CID guidelines for Business Calculus. Our local course content is being reduced to make the course more manageable and practical for the units and time frame. In addition, we are removing the 100% distance education option. The math department does not believe it to be effective to teach this course in an entirely online format.

Units 5

Cross List N/A

Typical Course Weeks 18

Total Instructional Hours

Contact Hours

Lecture 90.00

Lab 0.00

Activity 0.00

Work Experience 0.00

Outside of Class Hours 180.00

**Maximum
Enrollment**

Grading Option Letter Grade Only

**Distance
Education Mode of
Instruction** On-Campus
Hybrid

SECTION B

General Education Information:

SECTION C

**Course Description
Repeatability**

2. What interest rate would be required to grow a deposit of \$45,000 to \$73,454 in 10 years with continuous compounding?

Letter Grade Only

6. Assignments: State the general types of assignments for this course under the following