

MAT 204: CALCULUS III ENGINEER APP



High School Select
2016-2017

College Now at Front Range Community College

MAT 204 Course Information

College credits: 5

Guaranteed Transfer: Yes

Prerequisites: MAT 202

Tuition: \$0

Graphing calculator required

Calculus II with Engineering Applications includes all the topics of MAT 203 Calculus III with an additional emphasis on word problems and problem solving. This is the third course in the three-course calculus sequence. This course will additionally contain a thorough examination of multiple integration. This will include double and triple integrals, line integrals, Stokes' and Green's Theorems, and their applications. A graphing calculator is required for this course.

MAT 204 is a statewide Guaranteed Transfer (GT) class. This class will transfer to other public colleges and universities in Colorado. It is not guaranteed to transfer to out-of-state schools.

To enroll in this class, students must have completed MAT 202 with a C or higher.

Students can expect to spend 10+ hours per week on this class at home, including reading, studying, writing papers, and completing other assignments. Resources are available at FRCC, including an online writing center. For more information, please see: <http://www.frontrange.edu/being-a-student/academic-assistance>.

College Now Programs at Front Range Community College

Front Range Community College's College Now program allows students to earn both high school and college credit for the same FRCC class. In High School Select, students take FRCC classes that are conveniently offered at the high school.

All curriculum and expectations are the same as in a college class—the only difference is the location. Students should expect that High School Select classes will be more challenging with a heavier workload than most typical high school classes.

In addition to the High School Select program, the College Now department also offers opportunities for high school students to take classes on campus. For a description of our programs, please visit www.frontrange.edu/larimerhighschool.

What's the difference?

College Now classes are college classes that appear on the FRCC transcript. Many classes are transferable to other public schools in Colorado.

AP classes are high school classes that are designed to meet college competencies. Students must pay for and pass a test at the end of the year to determine if they qualify for college credit.

College Now programs are tuition-free.

Interested? Please see your HS counselor more information and enrollment instructions.

College Now at Front Range Community College

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