

Taking Honors Calculus III/Differential Equations for College Credit

1) Deciding if getting college credit is right for you

You can choose to take Honors Calculus III/Differential Equations for college credit by dual-enrolling in the Rio Salado courses MAT241 Calculus with Analytic Geometry III (4 credits) and MAT277 Modern Differential Equations (3 credits). This is optional and only if you want college credit in addition to high school credit for this course. While I think it is always advantageous to take honors level classes (to get exposure and practice to college-level courses before entering college) each student's situation is different as to whether earning college credit will help. Here are some things to consider:

- Will taking this college course benefit me in college? The main reason to take this course for college credit would be if you believe your college major may require it. You can try searching your college's website to locate majors you are considering. Usually, you can find a 'course listing' or 'major map' that lists courses required, and you can see what math courses are required. If you need these courses for your major, there is a potential that taking them through Rio Salado and transferring the credits may be accepted in your degree program, which opens a spot in your schedule to take other classes or possibly finish early if you've earned enough college credit during high school. Calculus III and Differential Equations are particularly useful for engineering, mathematics, and physics majors.
- Will my college accept Rio Salado dual-enrollment credit? Most will...all the Arizona universities do, and Rio Salado reports that 95% of colleges outside of Arizona also accept Rio credit. But not all colleges accept everything, and it can even vary between majors within a college. The best way to determine this is to contact the freshman advisor for your college(s) and ask them directly by phone or email. Dual-enrollment is the same as taking any other community college course and then transferring it to your college/university.
- Cost: MAT241 is a 4-credit class and MAT277 is a 3-credit class so for Rio Salado credit you would need to pay tuition for 7 credit hours. This is usually around \$700 for both semesters. Payment plans are available and tuition assistance is available for students with financial need situations.

Are you eligible to take this class for Rio Salado credit?

In order to take Honors Calc III / Diff Eq for college credit, you have earned college credit for the prerequisite AP Calculus BC course (Calc1/Calc2). There are two ways you can be eligible:

- 1) If you took AP Calculus BC last year for Rio Salado credit and earned a C or better both semesters so that last year's math course is on your Rio transcript, then you are eligible to take Honors Calc III/DiffEq for Rio Salado credit.
- 2) If you took AP Calculus BC last year not for Rio Salado credit, but you took the AP Calculus BC exam and scored a 4 or a 5, then you are eligible to take Honors Calc III/DiffEq for Rio Salado credit. You'll need to complete the registration process, and likely there will be a 'hold' on your enrollment due to not meeting the prerequisites, but DV will send information to Rio about teacher recommendations so that Rio can remove the hold and allow enrollment to continue.

2) Procedures for Enrolling

Rio Salado MAT241 and MAT277

Full instructions are included on the Rio Salado Enrollment Flyer(s) which can be found on my Schoology website.

This process can take as long as two weeks to complete if you've never taken classes from Rio Salado before, so it is important to start as soon as possible.

Please use the Registration Flyer to enroll in the course

You may not need to complete all steps (fewer steps are required for students who've taken Rio Salado before). Refer to the Registration Flyer for details.

You can also find this information on Rio's Dual Enrollment website: www.riosalado.edu/dual.

When you enroll, you will need a course ID number for each semester course...

Fall semester: MAT241 Calculus w/Analytical Geometry III (4 credits): section: 23311

Spring semester: MAT277 Modern Differential Equations (3 credits): section: 11019

At the beginning of the year, we are usually able to register and pay tuition for both semesters, but you can choose to register just for the MAT241 course now and add the MAT277 course later in the year.

If you have questions, please call
Dual Enrollment 480-517-8080

Problems or questions? Please email or call our DV or Rio Salado Dual-Enrollment Contacts:

Helen Hale (DV counseling)

hhale@tuhsd.k12.az.us

(480) 706-7900

Melissa Carrasco (Rio Salado)

melissa.carrasco@riosalado.edu

(480) 517-8080

Rio Salado Dual Enrollment office: (480) 517-8080

Rio Salado Admissions & Records: (480) 517-8540

Rio Salado Cashiers office: (480) 517-8330

Password Reset: (480) 517-8600