

ADAPTED FROM FSCJ'S MATHEMATICS COUNCIL AND DEPARTMENT RECOMMENDATIONS

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graph TD
    A[ENTERING STUDENTS  
Prerequisites: Algebra I,  
Geometry, and Algebra II] --> B[STEM  
PATHWAY]
    A --> C[MGF116]
    A --> D[ ]
    B --> E[Engineering Track]
    C <--> F[ ]
    C --> G[ ]
    D --> G
    G --> H[ ]
    G --> I[ ]
    G --> J[ ]
    G --> K[ ]
    G --> L[ ]
    G --> M[ ]
    H --> N[complete both  
MAC1140 to  
1. It is not  
at students  
and MAC1140  
ester.]
    I --> O[ ]
    J --> P[ ]
    K --> Q[ ]
    L --> R[ ]
    M --> S[ ]
    N --> T[ ]
    O --> U[ ]
    P --> V[ ]
    Q --> W[ ]
    R --> X[ ]
    S --> Y[ ]
    T --> Z[ ]
    U --> AA[MAC2313  
Calculus III]
    V --> AB[MAP2302  
Differential  
Equations]
    
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ENTERING STUDENTS
Prerequisites: Algebra I, Geometry, and Algebra II

STEM PATHWAY

MGF116

Engineering Track

complete both MAC1140 to 1. It is not at students and MAC1140 ester.

**To enroll in MAC1147, students must complete MAC1105 with a B or better or earn a satisfactory score on the placement test; satisfactory completion of high school trigonometry is also required.
***Special Course Sequence for Business Program Students:

1. MAC1105 College Algebra
2. MAC2223 Business Calculus
3. SAT2023 Elementary Statistics

The Mathematics Faculty recommends that Business Calculus immediately following College Algebra.

Note: Some colleges/universities require the

MAC2313
Calculus III

MAP2302
Differential Equations

- o Students who wish to apply to a limited access (competitive entry) college, university, or program should contact potential future institutions with questions about transferability prior to contacting FSCJ for review of exam scores.
- o Students potentially eligible for the Florida Bright Futures Scholarship, should contact FLDOE Office of Student Financial Assistance at (888) 827-2004 or osfa@fldoe.org about credit-by-exam impact on eligibility.
- o Students using credit-by-exam should note that FSCJ does not