



# EDISON COLLEGE

## Secondary Education Mathematics 6-12 (Bachelor of Science Degree) Prerequisite Advising Sheet

### LOWER DIVISION REQUIREMENTS AND PREREQUISITES

Students without a previous State of Florida A.A. or Bachelor's degree must complete the general education requirements of Edison College (36 credit hours of specific coursework in communications, humanities, social science, math, natural science and computing skills). Additionally, **all** students **must take the Florida Common Course prerequisites for education (marked with \*)**. Changes in Florida statute and administrative rule may lead to changes in common course prerequisites for education programs. Students are encouraged to seek college advising regarding applicable common prerequisites.

#### Communications (9 credit hours)

- \_\_\_ ENC 1101 Composition I (3)
- \_\_\_ ENC 1102 Composition II (3)
- \_\_\_ SPC 1600 Fundamentals of Speech (3)

#### Humanities (6 credit hours)

- \_\_\_ \_\_\_\_\_ Approved course from Part A (3)
- \_\_\_ \_\_\_\_\_ Approved course from Part A or B (3)

#### Social Science (9 credit hours)

- \_\_\_ PSY 2012 General Psychology (needed as a prerequisite) (3)
- \_\_\_ +WOH 1012, WOH 1023, or WOH 1030 (3)
- \_\_\_ EDF 2005 \*Introduction to Education (3)

#### Natural Sciences (6 credit hours)

- Fundamentals of Physics (PHY 1053 strongly recommended)
- \_\_\_ \_\_\_\_\_ Approved science course with associated lab (3)
  - \_\_\_ \_\_\_\_\_ Approved science course (3)

**A.A.** \_\_\_\_\_ **G.P.A.** \_\_\_\_\_  
**(60 hours)**                      **(2.5 minimum)**

#### Mathematics (24 credit hours- 6 credit hours for the A.A.)

- \_\_\_ STA 2023 \*Introductory Statistics (4)
- \_\_\_ MAC 1105 \*College Algebra (3)
- \_\_\_ MAC 2311 \*Calculus I (MAC 1114 and 1140 are prerequisites) (4)
- \_\_\_ MAC 2312 \*Calculus II (4)
- \_\_\_ \_\_\_\_\_ \*Math electives (6) (can use MAC 1114 or 1140)
- \_\_\_ COP 1000 \*Introduction to Computers and Programming (or another computer programming course) (3)

*MAC 2313 Calculus III is a program requirement and is a prerequisite for other courses in the upper division program. If possible, students should complete it immediately following MAC 2312. STA 2023 can be taken while enrolled in the B.S. program and is not a required prerequisite. COP 1000 can also be taken while enrolled in the B.S.*

#### Additional Education Prerequisites (may also fulfill social sciences) 6 credit hours

- \_\_\_ EDG 2701 \*Teaching Diverse Populations (3)
- \_\_\_ EME 2040 \*Introduction to Educational Technology (3)

#### General Knowledge Test:

- \_\_\_ English \_\_\_ Reading \_\_\_ Math \_\_\_ Essay

Please note: 2 years of a single foreign language in high school or 2 semesters of a single foreign language in college are required for graduation from the B.S. degree

*\*denotes Education Common Course Prerequisites which must be passed with a grade of C or higher and are required of all students seeking admission. Students can take the combined MAC 1106 College Algebra/Pre-calculus course in place of MAC 1105 and MAC 1140.*

*+previously completed or transferred EUH 1000 or 1001 can satisfy this social science requirement*