



**Student Advising Sheet
Academic Calendar 2012-2013**

**Preparing for: Mechanical
Engineering**

How to use this sheet:

The courses below are the common prerequisite courses that you should take at your community college to prepare for your major at a state university as published in the FACTS.org online system. Please check with an academic advisor if you have any questions about the courses below.

Program offered at: FAMU, FAU, FIU, FSU, UCF, UF, UNF, USF

COMMON PREREQUISITE COURSES

Course Number	Course Title	Credits
MAC2311	Calculus with Analytic Geometry I	4.0
MAC2312	Calculus with Analytic Geometry II	4.0
MAC2313	Calculus with Analytic Geometry III	4.0
MAP2302	Differential Equations	3.0
CHM1045	General Chemistry I (Coreq: MAC1105 and CHM1045L)	3.0
CHM1045L	General Chemistry I Laboratory (Coreq: CHM1045)	1.0
PHY2048	General Physics with Calculus I (Coreq: PHY2048L)	4.0
PHY2048L	General Physics with Calculus I Laboratory (Coreq: PHY2048)	1.0
PHY2049	General Physics with Calculus II (Coreq: PHY2049L and MAC2312)	4.0
PHY2049L	General Physics with Calculus II Laboratory (Coreq: PHY2049)	1.0

General Education Courses: AA degree students must meet all general education requirements as published in the catalog. All general education courses must be completed with a "C" or higher. Please see an advisor if you have any questions.

Elective Courses: AA degree students should select electives that support their program of study. Please see an advisor if you have any questions.

Notes:

FOR ALL MAJORS: Students are strongly encouraged to select required lower division electives that will enhance their general education coursework and that will support their intended baccalaureate degree program. Students should consult with an academic advisor in their major degree area.