

**RECOMMENDED COURSES FOR STUDENTS WHO WILL TRANSFER
FROM PALM BEACH COLLEGE (UPDATED 11/5/09)**

Courses to be taken at Palm Beach College:

SUBJECT	CREDITS
English Composition (ENC 1101, ENC 1102)	06
Humanities (Area II)	06
Social Science (Area V)	06
Fundamentals of Speech Communication (SPC 1600)	03
Health Concepts or Foreign Language (Area VI)	03
Calculus (MAC 2311, MAC 2312, MAC 2313)	12
Physics with Calculus/Lab (PHY 2048, PHY 2048L, PHY 2049, PHY 2049L)	08*
Chemistry/Lab (CHM 1041, CHM 1041L)	04
Differential Equations (MAP 2302)	03
Engineering Graphics (EGS 1111C)	03
Introduction to Programming in C (COP 1220)	03
Introduction to Engineering (EGN 1002)	03
TOTAL	60 CREDITS

These 60 lower division credit hours will count toward your AA degree and will transfer into the Mechanical Engineering Program at FAU. It should be noted that many Community College students have deficiencies in math, English or social science, which may count toward their AA degree. These courses will not transfer into the ME program and will not count toward the bachelor's degree. Only those courses listed above will be transferred. The AA degree assures that the student has met the Gordon Rule requirements of the SUS. Students transferring without the AA degree may have to take additional courses to meet the Gordon Rule.

** A maximum of 8 credit hours will be accepted at FAU for the Physics sequence with lab.*

The remaining courses taken at FAU for the Bachelor of Science degree will be as follows:

NOTE: There are certain prerequisites and/or corequisites that apply for these courses as listed in the University catalog. You must see an advisor for scheduling to adhere to these requirements.

SUBJECT	CREDITS
ME CORE:	
EGM 3510 Statics	03
EGM 3400 Dynamics	03
EGM 3524 Strength of Materials	03
EGM 3521 Engineering Materials I	03
EML 3100 Thermodynamics I	03
EML 3523C Experimental Methodology	03
EML 3701 Fluid Mechanics	03
EML 4380 Systems Dynamics	03
EML 4142 Heat Transfer	03
EML 4127 Applied Thermal-Fluid Engineering	03
EML 4500 Machine Design I	03
EML 4262 Machine Design II	03
EML 4521C Engineering Design	03
EML 4551 Design Project	03
EML 4730L Mechanical Engineering Laboratory	03
EGM 4045 Electro-Mechanical Devices	03
TECHNICAL ELECTIVES:	
Departmentally approved technical electives (5 courses)	14
MATHEMATICS:	
EML 4534 Computer Applications in ME II	03
STA 4032 Probability and Statistics for Engineers	03
TOTAL FAU COURSES	68 CREDITS
TOTAL FOR BACHELOR'S DEGREE	128 CREDITS

11/09