

FLORIDA ATLANTIC UNIVERSITY 2008-2009 TRANSFER STUDENT MANUAL  
COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

**PROGRAM OF STUDY AT COMMUNITY COLLEGE**

Complete the A.A. degree at community college. Several General Education requirements may also meet course requirements for the major. A transfer student without an A.A. degree and with less than 60 acceptable credits must meet entering freshman test score and GPA requirements.

Students are encouraged to complete the lower-division courses during the program of study at community college. They must be completed after admission to FAU if not done so in advance with a grade of "C" or greater.

CHM x045+L	General Chemistry I	4
COP x220	Intro. to Programming in C(++)	3
EGN x002	Fundamentals of Engineering	3
ENC x101	English Composition I	3
ENC x102	English Composition II	3
MAC x211	Calculus with Analytic Geometry I	4
MAC x212	Calculus with Analytic Geometry II	4
MAC x313	Calculus with Analytic Geometry III	4
MAP x302	Differential Equations I	3
PHY x043+L	Physics for Engineers II	4
PHY x044+L	Physics for Engineers I	4
and	three Social Science courses	9
and	three Humanities courses	9

**SOUTHEAST FLORIDA  
ENGINEERING EDUCATION CONSORTIUM**

The College participates in the Southeast Florida Engineering Education Consortium. Students who plan to transfer from Broward, Indian River, Miami Dade or Palm Beach Community Colleges can find customized advising sheets for this major at [www.sefeec.org](http://www.sefeec.org).

**MAJOR IN COMPUTER ENGINEERING  
BACHELOR OF SCIENCE  
IN COMPUTER ENGINEERING**

<b>GENERAL STUDIES</b>		(24 credits)
ENC 1101	English Composition I	3
ENC 1102	English Composition II	3
and	three Social Science courses	9
and	three Humanities courses	9

If the Social Science requirement is fulfilled at FAU, only the following courses are acceptable. Students must complete three courses from three different disciplines.

ANT 2000	Introduction to Anthropology	3
/ ANT 2410	Culture and Society	3
GEA 2000	World Geography	3
ECO 2013	Macroeconomics Principles	3
/ ECO 2023	Microeconomics Principles	3
/ ECP 2002	Contemporary Economic Issues	3
INR 2002	Introduction to World Politics	3
/ POS 1041	Government in the United States	3
PAD 2258	Environ. Society Business Govt.	3
PSY 1012	General Psychology	3
SYG 1000	Introductory Sociology	3
/ SYG 2010	Social Problems	3

If the Humanities requirement is fulfilled at FAU, only the following courses are acceptable. Students must complete two courses from two different disciplines from the first list; complete one course from the second list.

LIT 2010	Interpretation of Fiction	3
LIT 2030	Interpretation of Poetry	3
LIT 2040	Interpretation of Drama	3
PHI 2010	Introduction to Philosophy	3
WHO 2012	History of Civilization	3
ARC 2208	The Master Builder	3
ARH 2000	Art Appreciation	3
DAN 2100	Appreciation of Dance	3
FIL 2000	Film Appreciation	3
MUL 2010	History and Appreciation of Music	3
THE 2000	Appreciation of Theatre	3

**PROFESSIONAL CORE** (34 credits)

CDA 3201C	Introduction to Logic Design	4
CDA 3331C	Intro. to Microprocessor Systems	4
CEN 4010	Principles of Software Engineering	3
COP 3530	Data Structures/Algorithms	3
COP 4610	Computer Operating Systems	3
COT 3002+L	Foundations of Computer Science	4
COT 4935	Senior Seminar	1
EGN 4410C	Engineering Design I	3
EGN 4411C	Engineering Design II	3
MAD 2104	Discrete Mathematics	3
STA 4821	Stochastic Models	3

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PROFESSIONAL ELECTIVES (12 credits)

CDA 4102	Structured Computer Architecture	3
CEN 4400	Computer Systems Evaluation	3
CDA 4630	Intro. Embedded System Design	3
CDA 4210	Introduction to VLSI	3
CNT 4104	Intro. to Data Communications	3
CNT 4713	Computer Network Projects	3
COP 4633	Concurrency with Java	3
CDA 4204	CAD-Based Computer Design	3

OTHER ENGINEERING (12 credits)

EGN 1002	Fundamentals of Engineering	3
EEL 3111	Circuits I	3
EEE 3300	Electronics I	4
EEL 3118L	Laboratory I	2

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*Questions? Contact us.*

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( NOTES )

VISIT US @ [WWW.CSE.FAU.EDU](http://WWW.CSE.FAU.EDU)