

Florida Atlantic University - PENG - Computer Engineering 2024-2025

Student must take 2 of the following courses, 1 must be from group A. The second course may be from group A or group B.

Communication		Natural Science	
(Group A)		PHY 2048 & L	General Physics for EG 1 (4 credits w/Lab) * (Required)
ENC 1101	College Writing I (Required)	PHY 2044 & L	Physics for Engineers 2 (4 credits w/lab) (Required)
(Group B)		Note: lab for Physics 2 is PHY 2049L	
ENC 1102	College Writing II +	Social Sciences	
ENC 1939	Special Topic: College Writing +	(Group A)	
HIS 2050	Writing History +	AMH 2010 & D	United States History to 1877 ♦
Humanities		AMH 2020 & D	United States History Since 1877 ♦
(Group A)		ANT 2000 & D	Introduction to Anthropology (WAC)
ARH 2000	Art Appreciation	ECO 2013	Macroeconomic Principles
MUL 2010	Music Appreciation	POS 2041	Government of the United States ♦
PHI 2010 & D	Introduction to Philosophy (WAC) ++	PSY 1012	Introduction to Psychology
THE 2000	Theatre Appreciation	(Group B)	
(Group B)		ANT 2410	Culture and Society
ARC 2208	Culture & Architecture	CCJ 2002	Law, Crime & the Criminal Justice System
DAN 2100	Appreciation of Dance	DIG 2202	Digital Culture
FIL 2000 & D	Film Appreciation	ECO 2023	Microeconomic Principles
JST 2452	Global Jewish Communities	ECP 2002	Contemporary Economic Issues
LAS 2000	Intro to Caribbean & Latin American Studies	EDF 2854	Educated Citizen in Global Context
LIN 2607	Global Perspectives on Language	EEX 2091	Disability and Society
LIT 2010	Interpretation of Fiction (WAC) ++	EME 2620	Digital Literacy in a Globally Connected World
LIT 2030	Interpretation of Poetry (WAC) ++	EVR 1110	Climate Change: The Human Dimensions
LIT 2040	Interpretation of Drama (WAC) ++	EVR 2017	Environment and Society
LIT 2070	Inter of Creative Nonfiction (WAC) ++	GEA 2000	World Geography
LIT 2100	Introduction to World Literature	INR 2002	Introduction to World Politics
LIT 2931	Special Topics in Lit (WAC) ++	LIN 2001	Introduction to Language (online)
MUH 2121	Music in Global Society	MAR 2142	Culture, Consumers, & the Global Mktplace
SPC 2608	Public Speaking	PAD 2081	Risk Resilience and Rising Seas
WOH 2012 & D	History of Civilization 1 (WAC) ++	PAD 2258	Changing Env. of Soc., Bus., & Gov't
WOH 2022	History of Civilization 2	POT 2000	Global Political Theory
Mathematics		SOW 1005	Global Perspectives of Social Services
(Group A)		SYG 1000	Sociological Perspectives
MAC 1105	College Algebra	SYG 2010	Social Problems
MAC 2311	Calculus with Analytic Geometry 1 (Required)	SYP 2450	Global Society
(Group B)		URP 2051	Designing the City
MAC 2210	Intro Calculus w/Applications	Additional Major Requirements for First- & Second-Year Students	
MAC 2312	Calculus with Analytic Geometry 2 (Required)	EGN 1002 & D	Fundamentals of Engineering (Required)
Additional Enrichment (6 Credits)		MAC 2313	Calculus with Analytic Geometry 3 (Required)
Choose six (6) additional credits (two classes) from Humanities, Social Science, or Natural Science categories		COP 3035C	Intro to Programming in Python (Required)
(1) _____	(2) _____	Note: not offered Fall 2024, substitution course: COP 2220 (fall 2024 only)	
		COT 2000C	Foundations of Computing (Required)
		CDA 3203	Computer Logic Design (Required)

Important Policies for Computer Engineering

(A) Pre-Professional Engineering Program

Incoming first-year and transfer students in engineering bachelor's programs will start as pre-engineering students. To be admitted to their chosen major within the College of Engineering and Computer Science, students must:

- (1) Meet University admission requirements.
- (2) Achieve a minimum grade of "C" in each listed core course.
- (3) Have a maximum of two attempts for each listed course. Failure to pass on the second attempt, including withdrawals, may result in denial of admission to major.

Pre-Professional Program Courses: MAC 2311 & PHY 2048 & L

(B) Math Policies & Math Boot Camp

Students who do not successfully pass a math course on their first attempt (including withdrawals), must complete FAU's Math Boot Camp before enrolling in 2nd attempt. Math boot Camp website: <https://www.fau.edu/ugstudies/math-boot-camp/>
Failing or withdrawing from the second attempt of a math course may result in a mandatory major change outside of the college

For additional program requirements, contact the Division of Engineering & CS Student Services & Advising (DESSA)

Phone: 561-297-2780

Email: EESCadvising@fau.edu

LEGEND

- + ENC 1101 is a prerequisite
- ++ Two Communication courses are required before taking this course.
- ♦ Please visit FAU's website regarding the Civic Literacy Requirements. (<https://www.fau.edu/ugstudies/civic-literacy-requirement/>)
- ‡ Co-requisite of MAC 1105 or a prerequisite of CHM 1025.
- * MAC 2311 is a prerequisite for this course.

WAC Writing Across the Curriculum course – minimum grade of "C" required. Students must take four WAC courses