



DEPARTMENT OF COMPUTER & ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

College of Engineering & Computer Science
Florida Atlantic University

Bachelor of Science Degree in Computer Engineering Worksheet Four Year Student Program Worksheet

Name: _____ Id#: _____ Advisor: _____

Admission Date: _____ Prev. Institution: _____ Credits _____

UNIVERSITY REQUIREMENTS (24 credits + Foreign Language) (C or better required in all courses marked with *)

English Composition

ENC 1101 (College Writing I) 3 * _____
ENC 1102 (College Writing II) 3 * _____

General Education - Humanities - 9 cr

PHI 1012 (Reason & Value) 3 * _____
WOH 2012 (History of Civilization) 3 * _____
LIT 2010, 2030 or 2040 3 * _____
ARH 2000, MUL 2010, THE 2000, ARC
2208, DAN 2100, or FIL 2000 3 _____

General Education - Social Science - any 3 = 9 cr

ANT 2000 or ANT 2410 3 _____

GEA 2000 (World Geography) 3 _____
POS 1041 (Government of the U.S) 3 _____
PSY 1012 (General Psychology) 3 _____
SYG 1000 or SYG 1300 3 _____
URP 2051 (Designing the City) 3 _____
CCJ 2002 (Law, Crime and CJS) 3 _____
PAD 2258 (Changing Environment) 3 _____

**2 yrs Foreign Language in High School or
Foreign Language 2 _____ or 3 _____**

Proficiency Certification

ECO 2023 or ECO 2313 3 _____

COMPUTER ENGINEERING GENERAL REQUIREMENTS (27 credits) (C or better in all courses)

Science

PHY 2043 (Physics I) 3 _____
PHY 2048L (Physics I Lab) 1 _____
PHY 2044 (Physics II) 3 _____
PHY 2049L (Physics II Lab) 1 _____
CHM 2045 (Chemistry I) 3 _____
CHM 2045L (Chemistry I Lab) 1 _____

Mathematics

MAC 2311 (Calculus w/Analytic I) 4 _____
MAC 2312 (Calculus w/Analytic II) 4 _____
MAC 2313 (Calculus w/Analytic III) 4 _____
(or MAC 2253, 2254, 2313)
MAP 3305 (Engineering Math) 3 _____
(or MAP 2302, Diff Equs 1)

A grade of C or better is required in all mathematics, science, computer science, and engineering courses.

GENERAL REQUIREMENTS

CLAST: Not required Passed all parts
Total Credits ≥ 124 At least 45 credits from 4-year college or university
Last 30 upper-division credits at FAU At least 33 upper-division CSE credits at FAU
Summer Attendance at SUS university ≥ 9 cr (Required of students who enter FAU with < 60 cr)
Not required Satisfied (List terms and credits earned _____)
Foreign Language Admission Requirement

Transfer Student Program Worksheet Addendum

Credit given for courses in the list that are taken

Florida AA Degree: Yes/No

Credits Earned: _____ GPA: _____

Second Bachelor Degree Program Worksheet Addendum

University Requirements (24 credits + Foreign Language) are waived.

Computer and Electrical Engineering Courses: Credit given for courses in the list that are taken

Degree Earned: _____ Credits Earned: _____ GPA: _____

COMPUTER COURSES (73)

Name:	Credits	Semester	Grade
Courses			
CE General Requirement	3		
COP 2200 - Computer Programming	3		
Core requirements	46		
MAD 2104 – Discrete Mathematics	3		
EGN 1002 – Fundamentals of Engineering	3		
EEL 3111 – Circuits 1	3		
EEL 3300 – Electronics 1	4		
EEL 3118L – Laboratory 1	2		
COT 3002 – Foundations of Computer Science	3		
COT 3002L - Foundations of Computer Science Lab	1		
CDA 3201C – Intro to Logic Design	4		
CDA 3331C – Intro to Microprocessors	4		
COP 3530 – Data Structures & Algorithm Anal	3		
CEN 4010 – Prin. of software Engineering	3		
COP 4610 – Computer Operating Systems	3		
STA 4821 – Stochastic Models for CS	3		
COT 4935 – Senior Seminar	1		
EGN 4410C– Engineering Design I	3		
EGN 4411C– Engineering Design II	3		
CEN 4214 – SW HW Co-Design (Alternative to EGN 1002)	3*		
Four of Eight (Semi-Core)	12		
CDA 4210 – Intro to VLSI	3		
CNT 4104 – Intro to Data Comm.	3		
CDA 4204 - CAD based Computer Design	3		
CDA 4102 – Structured Comp Architecture	3		
CNT 4713 - Computer Network Projects	3		
CEN 4400 - Intro Comp System Performance Evaluation	3		
CDA 4630 - Intro to Embedded Systems	3		
COP 4633 - Concurrency Modeling	3		
Elective Courses	12		
	3		
	3		
	3		
	3		

ENGINEERING credits)

Core GPA: _____ (46 credits - Required 2.5 or above)

Graduation: _____

*Students who do not take ENG 1002 before they have earned 30 credits must replace it with SW HW Co-Design (CEN 4214)

PLEASE NOTE: The purpose of this worksheet is to provide a detailed presentation of the CE program requirements. Your filling in of this worksheet has no official status and in no way substitutes for an online audit. Your advisor will be happy to go through such an online audit with you, and you can do it yourself any time you wish. Please see <http://www.cse.fau.edu/~thomas/Audits/Audits.htm> for simple directions on using the online audit system. The online audit system is much more convenient to use than this worksheet as a tool for determining your progress toward satisfying the CE program requirements, since it is up to date with requirements

and with your records. In particular, there is no need for you to enter the courses you have taken, as you do on this worksheet. The online audit tells you which requirements you have satisfied, and which you have not yet satisfied.