

Name: _____	CSC 15	Due:
	Fundamentals of Computer Science I: Problem Solving and Program Design	

Advising Assignment for CS/CE majors

CS advisor name _____
 Advisor office hours: _____ Advisor email: _____

Hofstra ID: 701 Intended Major for Next Term: _____

Current Schedule

<i>CLASS (DEPT & NUMBER)</i>	<i>Credit</i>
CSC 15	4
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Total Credits: _____

Proposed Schedule for Next Term

<i>CLASS (DEPT & NUMBER)</i>	<i>Credit</i>	<i>5-digit CRN</i>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Total Credits: _____

Meet with your CS Advisor

DAR reviewed? _____ Change of Study Form submitted? _____ 6-digit Alt PIN: _____

Advisor's Printed Name: _____ Signature: _____

Specifications and Constraints

COMPLETE ADVISING ASSIGNMENT

1. Print your Name, Due Date, Hofstra ID, & Intended Major.
2. Complete the *Current Schedule* section.
3. Complete the *Proposed Schedule for Next Term* section, based on:
 - your Current Schedule
 - your printed DAR
 - online Hofstra Bulletin
 - Suggested Four-Year Sequences for CS/CE Majors
 - Course Pre-Requisites for CS/CE Majors
 - Class Schedule Grid (*see next page*)

MAKE CONTACT

4. Bring this form and the **SECOND double-sided copy** of the **DAR** to your meeting.
5. Your **CS Advisor** completes the *Meet With* section, including the 6-digit **ALT PIN**.

Handling Instructions

1. Turn in **only** the first page of the assignment in class on the due date.
2. Please **do not** turn in the **DAR with Assignment**.

Register Online – *Starting at Midnight, from Sunday into Monday*

Seniors: Mon, 10/14

Juniors: Mon, 10/21

Sophomores: Mon, 10/28 Freshmen: Mon, 11/4

Name: _____

CLASS SCHEDULE GRID

Semester: _____

TIME	MON	TUE	WED	THU	FRI
8:00 am					
9:00 am					
10:00 am					
11:00 am					
12:00 pm					
1:00 pm					
2:00 pm					
3:00 pm					
4:00 pm					
5:00 pm					
6:00 pm					
7:00 pm					
8:00 pm					
9:00 pm					

B.S. in Computer Science
58 credits CS/124 total
Sample Four-Year Plan

Freshman Year

Fall Semester (17 credits)	Spring Semester (17 credits)
CSC 14: Discrete Structures I (3)	CSC 24: Discrete Structures II (3)
CSC 15: Fund. Comp. Science I (4)	CSC 16: Fund. Comp. Science II (4)
MATH 71: Calculus I (4)	MATH 72: Calculus II (4)
WSC 1: Composition (3)	WSC 2: Composition (3)
Distribution (3)	Distribution (3)

Sophomore Year

Fall Semester (16-17 credits)	Spring Semester (15-16 credits)
CSC 17: Fund. Comp. Science III (3)	CSC 112: Operating Systems (3)
CSC 110: Intro. Comp. Architecture (3)	CSC 110A: Comp. Architecture Lab (1)
Science (4-5)	CSC163: Computing, Ethics, and Society (1)
Math above Math 72 (3)	CSC elective (3)
Distribution (3)	Science (4-5)
	Distribution (3)

Junior Year

Fall Semester (15-16 credits)	Spring Semester (15 credits)
CSC 120: Algorithms and Data Structures (3)	CSC 161: Introduction to Automata Theory (3)
CSC 123: Programming Languages (3)	CSC 190: Software Engineering (3)
CSC 185: Meth. Random Processes (3)	CSC 194: Foundations of Leadership and Innovation in Computing (3)
CSC elective (3)	CSC elective (3)
Science (3-4)	Distribution (3)

Senior Year

Fall Semester (15.5 credits)	Spring Semester (13.5)
CSC 197A: Independent Senior Design (1)	CSC 197 B: Independent Senior Design (1)
CSC 198F: Senior Seminar (.5)	CSC 198S: Senior Seminar (.5)
CSC elective (3)	Elective (12)
Distribution (3)	
Elective (8)	

B.S. in Computer Engineering
Suggested Four-Year Sequence (132 semester hours)

Year I:

Fall Semester (17 credits)	Spring Semester (16 credits)
MATH 71: Calculus I (4)	MATH 72: Calculus II (4)
CSC 14: Discrete Structures (3)	CSC 16: Fund. Comp. Science II (4)
CSC 15: Fund. Comp. Science I (4)	PHYS 11A: General Physics (4)
One of: ENGG/TPP15: Intro. To Engineering (3) ENGG/TPP19: Technology & Society (3)	PHYS 11B: Gen. Physics Lab (1)
WSC 1: Composition (3)	WSC 2: Composition (3)

Year II:

Fall Semester (18 credits)	Spring Semester (17 credits)
MATH 73: Calculus III (4)	MATH 143: Engineering Math I (3)
CSC 17: Fund. Comp. Science III (3)	CHEM 3A: General Chemistry (3)
CSC 110: Intro. Comp. Architecture (3)	CHEM 3B: Gen. Chemistry Lab (1)
ENGG 30: Eng. Circuit Analysis (3)	CSC 112: Operating Systems (3)
PHYS 12A: General Physics (4)	ENGG 32A: Logic Digital Circuits (3)
PHYS 12B: Gen. Physics Lab (1)	ENGG 34: Circuit Analysis Lab(1)
	Social Science or Humanities (3)

Year III:

Fall Semester (16 credits)	Spring Semester (15 credits)
CSC 185/ENGG 185: Methods of Random Processes (3) or ENGG 189: Random Signal Analysis (3)	CSC 113: Intro. Embedded Systems Design (3)
ENGG 32B: Digital Circuits Lab (1)	CSC 153/ENGG 153: Adv. Comp. Architecture (3)
ENGG 36: Microprocessor Systems (3)	CSC 175: Data Comm. And Netw. (3)
ENGG 33: Electronic Circuits (3)	CSC 190: Software Engineering (3)
Technical Elective (3)	ENGG 104: Eng. Electromagnetics (3)
Free Elective (3)	

Year IV:

Fall Semester (17.5 credits)	Spring Semester (15.5 credits)
CSC 197A: Ind. Senior Design Project in CS and CE (1)	CSC 197B: Ind. Senior Design Project In CS and CE (1)
CSC 198F: Seminar in CS and CE (0.5)	CSC 198S: Seminar in CS and CE (0.5)
CSC 154/ENGG 154: Adv. Comp. Architecture Laboratory (1)	CSC 163: Comp. Ethics, Society (1)
ENGG 176: Network Analysis (3)	ENGG 177: Signals and Linear Systems (3)
Technical electives (6)	ENGG 192: Electronics Lab (1)
Social Science or Humanities (6)	ENGG 172: Computer Aided Circuit Design (3)
	Technical elective (3)
	Social Science or Humanities (3)

B.A. in Computer Science
General Track – 39 credits CS/ 124 total
Sample Four-Year Plan

Freshman Year

Fall Semester (17 credits)	Spring Semester (16 credits)
CSC 14: Discrete Structures I (3)	CSC 24: Discrete Structures II (3)
CSC 15: Fund. Comp. Science I (4)	CSC 16: Fund. Comp. Science II (4)
MATH 71: Calculus I (4)	WSC 2: Composition (3)
WSC 1: Composition (3)	Distribution (6)
Distribution (3)	

Sophomore Year

Fall Semester (16-17 credits)	Spring Semester (16-17 credits)
CSC 17: Fund. Comp. Science III (3)	CSC 112: Comp. Operating Systems (3)
CSC 110: Intro. Comp. Architecture (3)	CSC elective (3)
Science (4-5)	Science (4-5)
Language (3)	Language (3)
Distribution (3)	Distribution (3)

Junior Year

Fall Semester (15-16 credits)	Spring Semester (15 credits)
CSC 120: Algorithms and data structures (3)	CSC 161: Intro. to Automata Theory (3)
CSC elective (3)	CSC elective (3)
Science (3-4)	Distribution (6)
Distribution (3)	Language (3)
Language (3)	

Senior Year

Fall Semester (14 credits)	Spring Semester (15 credits)
CSC elective (3)	CSC163: Computing, Ethics, & Society (1)
Distribution (3)	Elective (2)
Distribution (3)	Elective (3)
Distribution (3)	Elective (3)
Elective (2)	Elective (3)
	Elective (3)

Course Pre-Requisites for BS/BA in Computer Science

COURSE	CR	TITLE	PRE-REQ	CO-REQ	NOTES
PHYS 11A	4	General Physics	MATH 71	MATH 71	
PHYS 11B	1	General Physics Lab		PHYS 11A	
PHYS 12A	4	General Physics	MATH 71, PHYS 11A	MATH 72	
PHYS 12B	1	General Physics Lab		PHYS 12A	
CHEM 3A	3	General Chemistry	CHEM 2A or HS CHEM		
CHEM 3B	1	General Chemistry Lab	CHEM 3A	CHEM 3A	
CHEM 4A	3	General Chemistry	CHEM 3A		
CHEM 4B	1	General Chemistry Lab	CHEM 4A	CHEM 4A	
BIO 11	4	Intro to Cell Bio & Genetics	CHEM 3A, BIO 12		
BIO 12	4	Animal Form and Function			
MATH 71	4	Analytic Geom. & Calc. I	MATH 50		
MATH 72	4	Analytic Geom. & Calc. II	MATH 71		
CSC 14	3	Discrete Structures for Comp. Sci. I	3 yrs HS Math		
CSC 15	4	Fund. Comp. Sci. I			
CSC 16	4	Fund. Comp. Sci. II	CSC 14, CSC 15		
CSC 17	3	Fund. Comp. Sci. III	CSC 14, CSC 16		
CSC 24	3	Discrete Structures for Comp. Sci. II	CSC 14		
CSC 110	3	Intro to Comp. Arch.	CSC 14, CSC 15		
CSC 110A	1	Intro to Comp. Arch. Lab	CSC 110		
CSC 112	3	Computer Operating Systems	CSC 17, CSC 110		
CSC 120	3	Algorithms and Data Structures	CSC 17		
CSC 123	3	Prog. Lang. : Survey, Design and Imp.	CSC 17		
CSC 161	3	Intro to Automata Theory	CSC 24		
CSC 163	1	Comp. Ethics and Soc.			
CSC 185	3	Methods of Random Process	MATH 72		
CSC 190	3	Software Engineering	CSC 17		
CSC 194	3	Foundations of Leadership and Innovation in Computing	CSC 5, or CS Majors that are JR or SR		
CSC 197A	1	Independent Senior Design I	SR that is a CS major, CSC 190		
CSC 197B	1	Independent Senior Design II	CSC 197A		
CSC 198F	.5	Senior Seminar	CSC 197A or 197B		
CSC 198S	.5	Senior Seminar	CSC 197A or 197B		

Course Pre-Requisites for BS in Computer Engineering

COURSE	CR	TITLE	PRE-REQ	CO-REQ	NOTES
PHYS 11A	4	General Physics	MATH 71	MATH 71	
PHYS 11B	1	General Physics Lab		PHYS 11A	
PHYS 12A	4	General Physics	MATH 71, PHYS 11A	MATH 72	
PHYS 12B	1	General Physics Lab		PHYS 12A	
CHEM 3A	3	General Chemistry	CHEM 2A or HS CHEM		
CHEM 3B	1	General Chemistry Lab	CHEM 3A	CHEM 3A	
ENGG 15	3	Designing the Human-Made World	ENGG 9A or TPP 15,		
ENGG 30	3	Engineering Circuit Analysis	PHYS 12A	MATH 73	
ENGG 32A	3	Logical Design and Digital Circuits	Soph		
ENGG 32B	1	Digital Circuit Lab	PHYS 12A, ENGG 32A		
ENGG 33	3	Electronic Circuits	ENGG 30		
ENGG 34	1	Circuits Analysis Laboratory	ENGG 10 or CSC 15, ENGG 30		
ENGG 36	3	Microprocessor Systems	ENGG 32A, ENGG 10 or CSC 15		
ENGG 104	3	Engineering Electromagnetics	ENGG 30, MATH 143 or ENGG 150		
ENGG 153	3	Adv. Comp. Arch	CSC 110 or ENGG 36		
ENGG 154	1	Adv. Comp. Arch Lab	CSC 153 or ENGG 153		
ENGG 172	3	Computer Aided Circuit Design	ENGG 32A, ENGG 32B		
ENGG 176	3	Network Analysis	ENGG 30	MATH 143 or ENGG 150	
ENGG 177	3	Signals and Linear Systems	ENGG 176		
ENGG 192	1	Electronics Lab	ENGG 33, ENGG 34		
TPP 19	3	Technology and Society			
MATH 71	4	Analytic Geom. & Calc. I	MATH 50		
MATH 72	4	Analytic Geom. & Calc. II	MATH 71		
MATH 73	4	Analytic Geom. & Calc. III	MATH 72		
MATH 143	3	Engineering Mathematics I	MATH 73		
CSC 14	3	Discrete Structures for Comp. Sci. I	3 yrs HS Math		
CSC 15	4	Fund. Comp. Sci. I			
CSC 16	4	Fund. Comp. Sci. II	CSC 14, CSC 15		
CSC 17	3	Fund. Comp. Sci. III	CSC 14, CSC 16		
CSC 24	3	Discrete Structures for Comp. Sci. II	CSC 14		
CSC 110	3	Intro to Comp. Arch.	CSC 14, CSC 15		
CSC 112	3	Computer Operating Systems	CSC 17, CSC 110		
CSC 113	3	Intro. to Embedded-Sys. Design	CSC 110 or ENGG 36	CSC 154 or ENGG 154	
CSC 153	3	Adv. Comp. Arch	CSC 110 or ENGG 36		
CSC 154	1	Adv. Comp. Arch Lab	CSC 153 or ENGG 153		
CSC 163	1	Comp. Ethics and Soc.	Soph		
CSC 175	3	Data Communication and Networking	CSC 16, MATH 71		
CSC 185	3	Methods of Random Process	MATH 72		
CSC 190	3	Software Engineering	CSC 17		
CSC 197A	1	Independent Senior Design I	SR that is a CS major, CSC 190		
CSC 197B	1	Independent Senior Design II	CSC 197A		
CSC 198F	.5	Senior Seminar	CSC 197A or 197B		
CSC 198S	.5	Senior Seminar	CSC 197A or 197B		