COMPUTER SCIENCE

Degree Program Checksheet

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NAME & DATE	

- I. Complete all Institutional Graduation Requirements (including University Writing Requirement, Diversity Requirement, General Education Requirement, etc) as provided at: http://www.eou.edu/registrar/ [Student Resources, Forms]
- **II.** Program Requirements: Computer Science is a minimum 76 credit hour degree. A grade of "C-" or better is required for each course counting towards the major, but a cumulative grade of C [2.00] is required for completion of the major.

GEC COURSE TITLE	Cr Term Gr	Course #	GEC COURSE TITLE	Cr Term Gr
CS 121 Intro to Software Dev (1)		CS 321	Computing Theory (4)	
			Prereq: CS 318	
Foundations of CS I (4)	<u> </u>	CS 325	Applied 3D Graphics (4)	/ /
Prereq: Placement in Math 111			Prereq: CS 162	
Foundations of CS II (4)		CS 328	Intro Video Game Dev (4)	
Prereq: CS 161, MATH 111			Prereq: CS 221, CS 260	
C/C++ Programming (4)		CS 369	Mobile App Development (4)	///
Prereq: CS 162			Prereq: CS 360	
Data Structures (4) [UWR]		CS 409	Practicum (1-12)	///
Prereq: CS 162				
Operating Systems (3)	<u>/ / .</u>	CS 425	Computer Graphics (4)	/ / .
Prereq: CS 260			Prereq: CS 221, Math 341	
Software Design (4) [UWR]		CS 440	Artificial Intelligence (4)	///.
Prereq: CS 260			Prereq: CS 318, CS 360	
Algorithm Analysis (4)	<u> </u>	CS 310	Special Topics in CS	/ / .
Prereq: Cs 260, Math 251				
Database Mgmt. Systems (4)		CS 410	Special Topics in CS	
Prereq: CS 260, CS 318				
Object Oriented Prog. (4)				
Prereq: CS 221, CS 260		Course #	GEC COURSE TITLE	Cr Term Gr
Software Engineering (3)		MATH 231	Discrete Mathematics (4)	//
Prereq: CS 315, CS 260			Prereq: Math 111	
CS 401 Capstone (3)	<u> </u>	MATH 251	SMI Calculus I (4)	
			Prereq: Math 112	
Seminar (2)	/	MATH 252	SMI Calculus II (4)	
CS Core Total (43 credits)			Prereq: MATH 251	
		MATH 341	Linear Algebra (4)	
			Prereq: MATH 252	
GEC COURSE TITLE	Cr Term Gr			
	Intro to Software Dev (1) Foundations of CS I (4) Prereq: Placement in Math 111 Foundations of CS II (4) Prereq: CS 161, MATH 111 C/C++ Programming (4) Prereq: CS 162 Data Structures (4) [UWR] Prereq: CS 162 Operating Systems (3) Prereq: CS 260 Software Design (4) [UWR] Prereq: CS 260 Algorithm Analysis (4) Prereq: CS 260, Math 251 Database Mgmt. Systems (4) Prereq: CS 260, CS 318 Object Oriented Prog. (4) Prereq: CS 221, CS 260 Software Engineering (3) Prereq: CS 315, CS 260 Capstone (3) Seminar (2) CS Core Total (43 credits) S: Choose 16 Credits from the foliogec	Intro to Software Dev (1)	Intro to Software Dev (1)	Course # GEC COURSE TITLE Cr Term Gr Course # GEC COURSE TITLE

CS 335 Networking & Network Adm (4) / / .

Prereg: CS 311