

Computation Arts Elective\*

## Computer Science – Computation Arts

Department of Computer Science and Software Engineering

ar	Term	Course	Title	Credit	Prerequisite	Co-requisite	<b>.</b>
rear 1	Fall	CART 211	Creative Computing and Network Culture	3.00	Trerequisite	CO-requisite	*Please note, o
		CART 214	Visual Form and Communication	3.00			core courses ar
		COMP 232	Mathematics for Computer Science	3.00	MATH 203, 204		listed and not a
		COMP 248	Object-Oriented Programming I	3.50	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	MATH 204	electives are
		FFAR 250	Keywords: Reading the Arts Across the Disciplines	6.00			assigned a row the sequence.
							the sequence.
	Winter	CART 212	Digital Media Studio I	3.00	CART 211		For the list of
		COMP 228	System Hardware	3.00	COMP 248	MATH 203, 204	electives which
		COMP 233	Probability and Statistics for Computer Science	3.00	MATH 205		complete, plea
		COMP 249	Object-Oriented Programming II	3.50	COMP 248; MATH 203	MATH 205	consult section
		FFAR 250	Keywords: Reading the Arts Across the Disciplines				81.90.2 of the
							Undergraduate
ear 2	Fall	CART 210	New Media Theory	3.00			Calendar.
		COMP 345	Advanced Program Design with C++	4.00		COMP 352	
		COMP 348	Principles of Programming Languages	3.00		COMP 249	Students in the
		COMP 352	Data Structures and Algorithms	3.00	COMP 249	COMP 232	Bachelor of
			Computation Arts Elective*				Computer Scie
							should follow t academic calen
	Winter	CART 310	Interaction Design Studio	3.00	CART 210 or written permission of the Department		for the year to which they hav
		COMP 335	Introduction to Theoretical Computer Science	3.00	COMP 232 or COEN 231; COMP 249 or COEN 244		been admitted/read ed.
		COMP 346	Operating Systems	4.00	COMP 228 or SOEN 228; COMP 352		
		ENCS 282	Technical Writing and Communication	3.00	Students must pass the Engineering Writing Test (EWT), or pass ENCS 272 with a grade of C- or higher		To be consider
							must register fo
ear 3	Fall	CART 410	Research-Creation in the Computation Arts	3.00	CART 210, 310 OR written permission of the Department of Design and Computation Arts		minimum of 12 credits per terr
		COMP 354	Introduction to Software Engineering	4.00	COMP 352; ENCS 282		
			Computation Arts Elective*				
	Winter	COMP 371	Computer Graphics	4.00	COMP 232 or COEN 231; COMP 352 or COEN 352		
		ENGR 411	Special Technical Report	1.00	ENCS 282; Written permission of the Department		



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Year 1	Fall	CART 211	Creative Computing and Network Culture	3.00			
		CART 214	Visual Form and Communication	3.00			*Please note,
		COMP 232	Mathematics for Computer Science	3.00	MATH 203, 204		core courses a
		COMP 248	Object-Oriented Programming I	3.50		MATH 204	listed and not
		FFAR 250	Keywords: Reading the Arts Across the Disciplines	6.00			electives are
							assigned a row
	Winter	CART 212	Digital Media Studio I	3.00	CART 211		the sequence.
		CART 210	New Media Theory	3.00			
		COMP 228	System Hardware	3.00	COMP 248	MATH 203, 204	For the list of
		COMP 249	Object-Oriented Programming II	3.50	COMP 248; MATH 203	MATH 205	electives which
		FFAR 250	Keywords: Reading the Arts Across the Disciplines				students must
							complete, plea
	Summer	COMP 233	Probability and Statistics for Computer Science	3.00	MATH 205		consult section
		COMP 348	Principles of Programming Languages	3.00		COMP 249	81.90.2 of the
		COMP 352	Data Structures and Algorithms	3.00	COMP 249	COMP 232	Undergraduate
		ENCS 282	Technical Writing and Communication	3.00	Students must pass the Engineering		Calendar.
					Writing Test (EWT), or pass ENCS 272		Students in the
					with a grade of C- or higher		Bachelor of
	_						Computer Scie
rear 2	Fall	Work Term 1					should follow t
							academic caler
	Winter	CART 310	Interaction Design Studio	3.00	CART 210 or written permission of the		for the year to
					Department		which they hav
		COMP 346	Operating Systems	4.00	COMP 228 or SOEN 228; COMP 352		been
		COMP 354	Introduction to Software Engineering	4.00	COMP 352, ENCS 282		admitted/read
			Computation Arts Elective*				ed.
	C	Marila Tarana 2					
	Summer	Work Term 2					To be consider
ear 3	Fall	CART 410	Research-Creation in the Computation Arts	3.00	CART 210, CART 310 OR written		full-time, stude
eai 3	Tan	CART 410	Research creation in the computation Arts	3.00	permission of the Department of Design		must register f
					and Computation Arts		minimum of 12
		COMP 345	Advanced Program Design with C++	4.00	una compatation / its	COMP 352	credits per terr
		COIVII 343	Computation Arts Elective*	4.00		COIVII 332	
			Computation Arts Elective				
	Winter	Work Term 3					
	Willer	WOLK LEITILS					
	Cummor	COMP 22E	Introduction to Theoretical Computer Science	2.00	COMP 222 or COEN 221, COMP 240 or		
	Summer	COMP 335	Introduction to Theoretical Computer Science	3.00	COMP 232 or COEN 231; COMP 249 or COEN 244		47
		COMP. 274	Community Complete	4.00			
		COMP 371	Computer Graphics	4.00	COMP 232 or COEN 231; COMP 352 or		
					COEN 352		
		ENGR 411	Special Technical Report	1.00	ENCS 282; Written permission of the		

Department