TEXAS A&M UNIVERSITY-CORPUS CHRISTI
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

GAME PROGRAMMING OPTION

TENTATIVE DEGREE PLAN- 2011/2012 Catalog
Catalog expires: Summer 2018

Name: ID #:

Phone: Faculty Mentor:

All CS MAJORS ARE REQUIRED TO MEET WITH THEIR FACULTY ADVISOR EACH FALL.
(See Academic Advisor, Haley Wimberly, for more information as needed.)

UNIVERSITY CORE CURRICULUM

		Grd	Hrs	GP
ENGL COMP	ENGL 1301		3	
ENGL COMP	ENGL 1302		3	
ORAL COMM	COMM 1315		3	
MATHEMATICS	MATH 2413 **w/ Lab**		(4)	
NATURAL SCIENCE	PHYS 2425		(4)	
NATURAL SCIENCE	PHYS 2426		(4)	
LITERATURE	SEE CATALOG		3	
US HISTORY	HIST 1301		3	
US HISTORY	HIST 1302		3	
US GOVT	POLS 2305		3	
TX GOVT	POLS 2306		3	
FINE ARTS	SEE CATALOG		3	
ECONOMICS	ECON 2301 or 2302		3	
SOC SCIENCE	SEE CATALOG		3	
PHILOSOPHY	*PHIL 3340		3	

COMPUTER SCIENCE CORE

		Grd	Hrs	GP
COSC 1435	INTRO PROB SOLVING I **w/ Lab**		4	
COSC 1436	INTRO PROB SOLVING II **w/ Lab**		4	
COSC 2334	COMPUTER ARCHITECT		4	
COSC 2437	DATA STRUCTURES **w/ Lab**		4	
*COSC 3336	*INTRO TO DATABASE SYSTEMS		3	
*COSC 3346	*OPERATING SYSTEMS		3	
*COSC 3370	*SOFTWARE ENGINEERING		3	
*COSC 3400	*SKILLS FOR COMP PROF		4	
*COSC 4354	*SENIOR CAPSTONE		3	
MATH 2413	CALCULUS I **w/ Lab**		4	
MATH 2305	DISCRETE MATH I		3	
*MATH 3342	*APPL PROB AND STATS		3	

GENERAL TAMUCC ELECTIVES

		Grd	Hrs	GP

ADVISOR NOTES:

COURSES SPECIFIC TO GAME PROGRAMMING

		Grd	Hrs	GP
COSC 2325	GAME DESIGN		3	
*COSC 3324	OBJECT-ORIENTED PROGRAMMING		3	
*COSC 3325	GAME PROGRAMMING		3	
*COSC 4325	ADVANCED GAME PROGRAMMING		3	
*COSC 4328	COMPUTER GRAPHICS		3	
*COSC 4330	INTRO TO ARTIFICIAL INTELLIGENCE		3	
*COSC 4342	COMPUTER NETWORKS		3	
*COSC 4343	ALGORITHMS		3	

CHOOSE TWO UPPER DIVISION COURSES FROM:

*COSC 3353	SURVEY OF PROG LANGUAGES		3	
*COSC 3360	HUMAN-COMPUTER INTERATION		3	
*COSC 4348	SYSTEMS PROGRAMMING		3	

CHOOSE ONE UPPER DIVISION COURSE FROM:

*COSC 4353	COMPILER CONSTRUCTION		3	
*COSC 4360	THEORY OF PROG LANGUAGES		3	
*COSC 4370	MODELS OF COMPUTATION		3	

MATH 2414	CALCULUS II		4	
*MATH 3311	LINEAR ALGEBRA		3	
*MATH 4328	DISCRETE MATH II		3	
PHYS 2425	UNIVERSITY PHYSICS I		4	
PHYS 2426	UNIVERSITY PHYSICS II		4	

COMPLETED HOURS (MIN 128):	
*UPPER DIVISION HOURS (MIN 45):	
*UPPER DIV RESIDENCY HOURS (MIN 36):	
*UPPER DIV RESIDENCY IN COSC (MIN 12):	
CUMULATIVE TAMUCC GPA (MIN 2.0):	
MAJOR GPA (MIN 2.25):	
UCCP 1101/1102:	
FOREIGN LANGUAGE:	