

2026–2027

Computer Information Systems (A.A.S.) - Game Design

Year 1

Course ID	Course	Cr	FALL	Pre/Co-Req
			Terms	
First 8-weeks				
EDUC 1100	First Year Seminar - Learning Framework	1	F1, F2, S1, S2	none
BCIS 1305	Business Computer Applications (MS Office)	3	F1, F2, S1, S2, SU	none
Second 8-weeks				
ITSC 1307	UNIX Operating System I (LPI)	3	F1, F2, S1, S2, SU	none
ITSE 2309	Database Programming (ERD, Access, SQL)	3	F2, S2	BCIS 1305
16-weeks				
ITSE 1311	Beginning Web Programming (HTML, JavaScript)	3	F, S, SU	none
ITSE 1329	Programming Logic & Design (Python)	3	F, S	none
Total		16		

CIS–Software Foundations Certificate

SPRING				
Course ID	Course	Cr	Terms	Pre/Co-Req
First 8-weeks				
ITSC 2335	Application Software Problem Solving (Excel)	3	F1, F2, S1, S2, SU	BCIS 1305
Second 8-weeks				
	General Education (See Catalog)	3	F1, F2, S1, S2, SU	none
ITSC 1391	Special Topics in Computer & Information Sciences, General	3	F2, S2	none
16-weeks				
CPMT 1351	IT Essentials: PC Hardware/Software (A+)	3	F, S, SU	none
ITSE 1302	Computer Programming (Python)	3	F, S	ITSE 1329
		Total	15	

Year 2

Course ID		Course	FALL		Pre/Co-Req
			Cr	Terms	
First 8-weeks					
GAME 1306	Design & Creation of Games		3	F1	none
Second 8-weeks					
GAME 2319	Game Engine		3	F2	GAME 1306
INEW 2330	Comprehensive Software Project: Planning & Design		3	F2, S2	ITSE 1302
16-weeks					
INEW 2334	Advanced Web Programming (PHP, MySQL)		3	F, S	ITSE 1302 & ITSE 1311
ITSE 2321	Object–Oriented Programming (C#)		3	F, S	ITSE 1302
Total			15		

*CIS–Applied Systems & Design Certificate
CIS–Web Development Foundations Certificate*

SPRING				
Course ID	Course	Cr	Terms	Pre/Co-Req
First 8-weeks				
	General Education (See Catalog)	3	F1, F2, S1, S2, SU	none
	General Education (See Catalog)	3	F1, F2, S1, S2, SU	none
Second 8-weeks				
	General Education (See Catalog)	3	F1, F2, S1, S2, SU	none
	General Education (See Catalog)	3	F1, F2, S1, S2, SU	none
16-weeks				
GAME 2332	Project Development I	3	S	none
Total 15				

*AAS Computer Information Systems Degree
CIS–Game Design Certificate*

F–FALL

S–SPRING

SU–SUMMER

1–1ST 8–WEEKS

2–2ND 8–WEEKS



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