

Transfer
Map**Community College of Beaver County****Pittsburgh Technical College****Computer Science, AS****Computer Information Sciences
(Software Development)**Associate of Science
STEM@ccbc.edu
724-480-3504

Associate of Science

First Year - Freshman**First Semester – 15 credits**

Course ID	Course Name	Credits	Course ID	Course Name	Credits
CIST 100	Intro to Information Tech.	3	ITP 154	Intro. to Information Systems	3
CISW 205	Programming in C#	3	ITP 111	Introduction to HTML/CSS	3
CISN 205	Linux Operating Systems	3	ITP 101	Intro. to Microcomp. Application	3
ENGR 130	Robotics	3	ITP 372	Data Structures and Algorithms	7
WRIT 101	English Composition	3	GEE 101	English Composition 1	4

Second Semester-15/16 credits

Course ID	Course Name	Credits	Course ID	Course Name	Credits
CISW 200	Programming with Python	3	ITP 263	Prog. Enterprise Applications	4
CISW 214	Database Princ. & Applications	3	ITP 379	Database systems	4
MATH	MATH Elective	3/4	GEM 166	College Algebra	4
TAOC 5	Social Science Elective	3	GES 252	Leadership Principles	4
TAOC 6	LITR Elective	3	GEE 151	English Composition 2	4

Second Year - Sophomore**Third Semester – 16 credits**

Course ID	Course Name	Credits	Course ID	Course Name	Credits
BUSM 260	Project Management	3	ITP 203	Project Management	3
CISF 150	Cloud Computing	3	ITP 254	Intro. to Computer Systems	4
CISW 201	Obj. Oriented Prog. I	3	ITP 277	Object-Oriented Programming	5
CISW 218	App Development	3	ITP 212	Programming Mobile Apps.	3
TAOC 4	Lab Science	4	GES 151	Critical Thinking	4

Fourth Semester- 15/16 credits

Course ID	Course Name	Credits	Course ID	Course Name	Credits
CIST 110	Gaming	3	ITP 302	Intro. to Game Design	5
CISW 202	Obj. Oriented Prog. II	3	ITP 362	Web Service Development	3
CIST 260	Internship	3	GSI 192	Internship	8
COMM 110 or COMM 201	Interpersonal Communications or Public Speaking	3	GEE 212	Effective Speech	4
MATH	MATH Elective	3/4	GEM 206	Personal Finance	4

Additional Courses that Apply to the Degree
