

CLOUD COMPUTING - ASSOCIATE IN SCIENCE



CNVT

Cloud computing allows users to access and implement business and technology tools over the internet. Users can access that information at any time or from anywhere. Cloud services run over a vast variety of networks, and services can range from different types of hardware or software architecture. Students will learn how to create networks, work with a variety of computers, and create cloud services that are scalable. Students also learn how to secure cloud networks and systems.

Note: All students must obtain a grade of at least C in all computer course requirements and must maintain a 2.0 GPA. Many courses require prerequisites, corequisites and/or testing. See course descriptions for details (<https://catalog.ccri.edu/course-descriptions/>).

Requirements

Code	Title	Hours
General Education Requirements		
COMM 1010	Communication Fundamentals^	3
ENGL 2100	Technical Writing	3
PHYS 1000	Physics of Everyday Life	4
PSYC 2010	General Psychology	4
Humanities, Math/Science OR Social Science Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/)		6
Subtotal		20
Major Requirements		
CNVT 1000	Computer Repair A+ Hardware	3
CNVT 1010	Computer Repair A+ Software	3
CNVT 1810	Networking 1	3
CNVT 1820	Networking 2	3
CNVT 1830	Networking 3	3
CNVT 2200	Network Security Hardware	4
CNVT 2030	Core Networking	5
CNVT 2400	Foundations of Cloud Computing	3
CNVT 2410	Cloud Architecture & Security	3
COMI 1150	Programming Concepts	3
COMI 1300	Introduction to Data Analytics	3
COMI 1800	Computer Networking Software Linux	3
COMI 1840	Microsoft Windows Server	3
COMI 2010	Client-Side Scripting Languages	3
Subtotal		45
Total Hours		65

Recommended Course Sequence

Course	Title	Hours
Year 1		
Semester 1		
CNVT 1000	Computer Repair A+ Hardware	3
CNVT 1810	Networking 1	3
COMI 1150	Programming Concepts	3
COMM 1010	Communication Fundamentals^	3
ENGL 2100	Technical Writing	3
Humanities, Math/Science OR Social Science Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/)		3
Hours		18
Semester 2		
CNVT 1010	Computer Repair A+ Software	3
CNVT 1820	Networking 2	3
COMI 1800	Computer Networking Software Linux	3
PSYC 2010	General Psychology	4
Humanities, Math/Science OR Social Science Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/)		3
Hours		16
Year 2		
Semester 1		
CNVT 1830	Networking 3	3
CNVT 2400	Foundations of Cloud Computing	3
COMI 1300	Introduction to Data Analytics	3
COMI 1840	Microsoft Windows Server	3
PHYS 1000	Physics of Everyday Life	4
Hours		16
Semester 2		
CNVT 2030	Core Networking	5
CNVT 2200	Network Security Hardware	4
CNVT 2410	Cloud Architecture & Security	3
COMI 2010	Client-Side Scripting Languages	3
Hours		15
Total Hours		65

Transfer

If you are interested in earning a bachelor's degree, please meet with an Academic Advisor (<https://ccri.edu/advising/>) who can help you select the courses that best prepare you for transfer to a four-year college or university.

If you are interested in transferring to Rhode Island College or the University of Rhode Island, check out the Joint Admissions Agreement (<https://ccri.edu/jaa/>). Transfer information, events and articulations can be found on the Transfer Center website (https://ccri.edu/oes/transfer_center/).