

CLOUD COMPUTING, ASSOCIATE OF APPLIED SCIENCE

Course	Title	Hours
First Semester		
ITSC 1405	Introduction to PC Operating Systems	4
ITNW 1425	Fundamentals of Networking Technologies	4
ITSY 1400	Fundamentals of Information Security	4
ITSE 1429	Programming Logic and Design	4
Hours		16
Second Semester		
ITNW 1309	Fundamentals of Cloud Computing	3
ITNW 1316	Network Administration I	3
ITSC 1358	UNIX System Administration I	3
ITSE 1359	Introduction to Scripting Languages	3
Hours		12
Third Semester		
XXXX X3XX Language, Philosophy and Culture/Creative Arts Elective (CORE)		3
Hours		3
Fourth Semester		
MATH X3XX Mathematics Elective (CORE)		3
Hours		3
Fifth Semester		
ITSY 1342	Information Technology Security	3
ITSE 1303	Introduction to MySQL	3
ITNW 1313	Computer Virtualization	3
XXXX X3XX American History/Government/Political Science/Social and Behavioral Science Elective (CORE)		3
Hours		12
Sixth Semester		
ITNW 2427	Advanced Cloud Concepts	4
ITNW 1436	Cloud Deployment & Infrastructure Management (Capstone) ¹	4
ENGL 1301	Composition I	3
XXXX X3XX Life and Physical Science Elective (CORE)		3
Hours		14
Total Hours		60

Note: All Computer Information Systems courses require a grade of "C" or better.

¹ **Capstone Experience:** ITNW 1436 Cloud Deployment & Infrastructure Management (Capstone) is a course taught in the last semester. The learning experiences in this course result in a consolidation of a student's educational programmatic experience.