

## Cloud Computing Program of Study

The Program of Study Curriculum of Cloud Computing shall consist of no more than 45 identified semester credit hours that transfer and apply when students move from one institution to another and continue in a similar program. Students transferring from one institution to another should be granted credit on the basis of comparable courses completed, not on the specific numbers of credit hours accrued.

### Cloud Computing Program of Study Curriculum

<u>Course Title</u>	<u>Course #</u>	<u>SCH</u>
Introduction to Computer Technology (or Introduction to Computers)	CPMT 1303/1403 (ITSC 1301/1401)	3-4
Introduction to Database (or Introduction to MySQL)	ITSW 1307/1407 (ITSE 1303)	3-4
Implementing & Supporting Client Operating Systems	ITNW 1308/1408	3-4
Introduction to Scripting Languages	ITSE 1359	3
Programming Logic & Design	ITSE 1329/1429	3-4
Fundamentals of Networking Technologies (or CCNA 1 Introduction to Networks)	ITNW 1325/1425 (ITCC 1314/1414)	3-4
Fundamentals of Cloud Computing	ITNW 1309/1409	3-4
Cloud Deployment & Infrastructure Management	ITNW 1336/1436	3-4
Advanced Cloud Concepts	ITNW 2327/2427	3-4
Linux Installation & Configuration	ITSC 1316/1416	3-4
Applied Software Problem Solving (or Practicum)	ITSC 2335/2435 (ITNW 2364/2464)	3-4
Implementing and Supporting Servers	ITNW 1354/1454	3-4
Information Technology Security	ITSY 1342/1442	3-4
Project Management Software	ITSC 1315/1415	3-4

**SUBTOTAL: Discipline Courses 42-45**

**General Education Courses 15**

**Specialty Elective Technical Courses\*\* 0-3**

(Colleges may select additional courses to complete a maximum of 60 SCH)

**TOTAL (MAX 60 with 15 SCH General Education) 60**

\*\* Recommended Technical Electives:

ITSC 2325 Advanced Linux

ITCC 1340 Routing and Switching

ITNW 1313 Computer Virtualization