Cloud Computing Data Analysis Program of Study

The Program of Study Curriculum of Cloud Computing Data Analysis shall consist of no more than 39 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 Data Analysis Program of Study Curriculum

Course Title	*Course #*	*SCH*
Introduction to Database	ITSW 1307/1407	3-4
(or Introduction to MySQL)	(ITSE 1303)	
Introduction to Scripting Languages	ITSE 1359	3
Programming Logic & Design	ITSE 1329/1429	3-4
Fundamentals of Networking Technologies	ITNW 1325/1425	3-4
(or CCNA 1 Introduction to Networks)	(ITCC 1314/1414)	
Fundamentals of Cloud Computing	ITNW 1309/1409	3-4
Linux Installation & Configuration	ITSC 1316/1416	3-4
Applied Software Problem Solving	ITSC 2335/2435	3-4
(or Practicum)	(ITNW 2364/2464)	
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 30-39

Course Title – General Education Courses	*Course #*	*SCH*
Elementary Statistical Methods	MATH 1342	3
Additional General Education Electives	TBD	12

General Education Courses 15
Specialty Elective Technical Courses 6-15
(Colleges may select additional courses to complete a maximum of 60 SCH)
TOTAL (MAX 60 with 15 SCH General Education) 60

** Recommended Technical Electives
ITNW 2329/2429 Application Development for the Cloud
ITNW 1335/1435 Information Storage and Management
ITSW 2337/2437 Advanced Database