

# INFORMATION TECHNOLOGY - EMPHASIS IN CLOUD COMPUTING - ASSOCIATE OF APPLIED SCIENCE

The Associate of Applied Science in IT Cloud Computing is designed to provide students with a well-rounded education for obtaining employment in various areas of the information technology field, including IT Systems Support, Server Administration, and Cloud Systems Administration.

## Full-Time Schedule

Course	Title	Semester Credit Hours
<b>Semester #1</b>		
ITNW 1308	Implementing and Supporting Client Operating Systems	3
ITNW 1354	Implementing and Supporting Servers	3
ENGL 1301	Composition I <sup>2</sup>	3
ITSC 1316	Linux Installation and Configuration	3
MATH 1332 or MATH 1314	Contemporary Math (Quantitative Reasoning) <sup>2</sup> or College Algebra	3
<b>Semester Credit Hours</b>		<b>15</b>
<b>Semester #2</b>		
ITSC 1325	Personal Computer Hardware	3
ITSC 1305	Introduction to PC Operating Systems	3
ITSC 1391	Special Topics in Computer and Information Sciences, General Linux	3
COSC 1301	Introduction to Computing <sup>2</sup>	3
HIST 1301 or HIST 1302	U S History I <sup>2</sup> or U S History II	3
<b>Semester Credit Hours</b>		<b>15</b>
<b>Semester #3</b>		
ITSC 2325	Advanced Linux	3
ITSY 1342	Information Technology Security	3
ITNW 1309	Fundamentals of Cloud Computing	3
COSC 1336	Programming Fundamentals I <sup>2</sup>	3
PSYC 2301 or SOCI 1301	General Psychology <sup>2</sup> or Introduction to Sociology	3
<b>Semester Credit Hours</b>		<b>15</b>
<b>Semester #4</b>		
ITNW 1358	Network+	3
ITNW 1336	Cloud Deployment & Infrastructure Management <sup>1</sup>	3
Select from one of the following:		3
PHIL 2306	Introduction to Ethics <sup>2</sup>	
ENGL 2341	Forms of Literature <sup>2</sup>	
HUMA 1301	Introduction to the Humanities I <sup>2</sup>	
SPCH 1318	Interpersonal Communication <sup>2</sup>	3

POFT 1300 or ITNW 1380	Career Exploration/Planning or Cooperative Education - Computer Systems Networking and Telecommunications	3
<b>Semester Credit Hours</b>		<b>15</b>
<b>Total Semester Credit Hours</b>		<b>60</b>

<sup>1</sup> Capstone course

<sup>2</sup> Course(s) listed in the Texas Common Course Numbering System (<https://tcns.org/institution/id:14/yid:19/>)

## Part-Time Schedule

Course	Title	Semester Credit Hours
<b>Semester #1</b>		
ITNW 1308	Implementing and Supporting Client Operating Systems	3
ITNW 1354	Implementing and Supporting Servers	3
ENGL 1301	Composition I <sup>2</sup>	3
<b>Semester Credit Hours</b>		<b>9</b>
<b>Semester #2</b>		
ITSC 1316	Linux Installation and Configuration	3
MATH 1332 or MATH 1314	Contemporary Math (Quantitative Reasoning) <sup>2</sup> or College Algebra	3
ITSC 1325	Personal Computer Hardware	3
<b>Semester Credit Hours</b>		<b>9</b>
<b>Semester #3</b>		
ITSC 1305	Introduction to PC Operating Systems	3
ITSC 1391	Special Topics in Computer and Information Sciences, General Linux	3
COSC 1301	Introduction to Computing <sup>2</sup>	3
<b>Semester Credit Hours</b>		<b>9</b>
<b>Semester #4</b>		
HIST 1301 or HIST 1302	U S History I <sup>2</sup> or U S History II	3
ITSC 2325	Advanced Linux	3
ITSY 1342	Information Technology Security	3
<b>Semester Credit Hours</b>		<b>9</b>
<b>Semester #5</b>		
ITNW 1309	Fundamentals of Cloud Computing	3
COSC 1336	Programming Fundamentals I <sup>2</sup>	3
PSYC 2301 or SOCI 1301	General Psychology or Introduction to Sociology	3
<b>Semester Credit Hours</b>		<b>9</b>
<b>Semester #6</b>		
ITNW 1358	Network+	3
SPCH 1318	Interpersonal Communication <sup>2</sup>	3
Select from one of the following:		3
PHIL 2306	Introduction to Ethics <sup>2</sup>	
ENGL 2341	Forms of Literature <sup>2</sup>	

HUMA 1301	Introduction to the Humanities   <sup>2</sup>	
<b>Semester Credit Hours</b>		<b>9</b>
<b>Semester #7</b>		
ITNW 1336	Cloud Deployment & Infrastructure Management <sup>1</sup>	3
POFT 1300 or ITNW 1380	Career Exploration/Planning or Cooperative Education - Computer Systems Networking and Telecommunications	3
<b>Semester Credit Hours</b>		<b>6</b>
<b>Total Semester Credit Hours</b>		<b>60</b>

<sup>1</sup> Capstone course

<sup>2</sup> Course(s) listed in the Texas Common Course Numbering System  
(<https://tccns.org/institution/id:14/yid:19/>)