

LEAD THE WAY IN CLOUD COMPUTING

NOVA is the Place!

NOVA leads the nation in Cloud Computing education and is nationally recognized for being the first community college to develop and offer an Associate degree in Cloud Computing.

Our **Cloud Computing Specialization A.A.S.** degree in Information Systems Technology can be completed in 2 years and our Cloud Computing **C.S.C.** (Career Studies Certificate) can be completed in just 1 year (even less if you have current industry certifications).

The Cloud Program

The Cloud Computing Specialization A.A.S. or the Cloud C.S.C. will prepare you for an entry level position or augment your existing skills using industry leading platforms like Amazon Web Services (AWS), while immersing you in course work that sets you up for 6 industry certifications (A.A.S.) or 4 certifications (C.S.C.)

Ultimately want a bachelor degree? We can do that. We have transfer agreements with many top 4-year institutions and C.S.C. courses roll right into our A.A.S. degree!

Prepare for the Future

There is immediate and significant demand for employees with Cloud Computing capability. Combining the A.A.S. or C.S.C. with multiple available industry certifications can make you a highly qualified and capable candidate. Entry-level salaries for these positions are competitive and commensurate with qualifications. **Lead the way in Cloud Computing at NOVA!**

NOVA IET
INFORMATION & ENGINEERING TECHNOLOGIES

For more info go to www.nvcc.edu/iet

A.A.S. Degree Courses (Associate of Applied Science)

Semester 1

Credits: 16

ENG	111	College Composition I	3
ITE	152	Intro to Digital and Info. Literacy and Computer App.	3
ITN	100	Introduction to Telecommunications - OR -	
ITN	101	Introduction to Network Concepts	3
ITN	257	Cloud Computing: Infrastructure and Services	3
MTH	154	Quantitative Reasoning - OR -	
MTH	155	Statistical Reasoning (or higher)	3
SDV	100	College Success Skills - OR -	
SDV	101	Orientation to (a Specific Discipline)	1

Semester 2

Credits: 15

ITD	256	Advanced Database Management	3
ITN	107	Personal Computer Hardware & Troubleshooting - OR -	
ITE	221	Personal Computer Hardware & OS Architecture	3
ITN	200	Administration of Network Resources	3
ITN	260	Network Security Basics	3
ITP	100	Software Design	3

Semester 3

Credits: 16

—	—	Approved Elective ¹	3
ITD	110	Web Page Design I	3
ITN	170	Linux System Administration	3
ITN	213	Information Storage & Management	3
ITP	—	Elective ²	4

Semester 4

Credits: 16

CST	—	Elective ³	3
—	—	Humanities/Fine Arts Elective ⁴	3
ITN	254	Virtual Infrastructure: Installation & Configuration	4
—	—	Social/Behavioral Sciences Electives ⁵	6

Total Credits: 63

- ¹ The total of 3 credit hours of IT Electives may be selected from the following: ITN 106, or ITN 290 - Coordinated Internship, ITN 295, or ENG 112. Students should discuss ITN 295 options with their academic advisor.
- ² IT Programming elective must be chosen from: ITP 120, ITP 132, ITP 150, ITP 160, ITP 225, or ITP 270.
- ³ CST elective must be selected from: CST 100, CST 110, CST 115, CST 126, CST 227, or CST 229.
- ⁴ See humanities/fine arts courses listed under General Education Electives.
- ⁵ See social/behavioral science courses listed under General Education Electives.

**Cloud Computing is a Specialization of the
Information Systems Technology A.A.S. Degree**

C.S.C. Courses (Career Studies Certificate)

Semester 1

Credits: 13

ITD	256	Advanced Database Management	3
ITE	152	Intro to Digital and Info. Literacy and Computer App.	3
ITN	101	Introduction to Network Concepts	3
ITN	257	Cloud Computing: Infrastructure and Services	3
SDV	100	College Success Skills - OR -	
SDV	101	Orientation to Information Technology	1

Semester 2

Credits: 13

ITN	170	Linux System Administration	3
ITN	213	Information Storage and Management	3
ITN	254	Virtual Infrastructure: Installation & Configuration	4
ITN	260	Network Security Basics	3

Total Credits: 26

The one-year C.S.C. curriculum is designed for those who seek employment in the field of cloud computing, for those who are presently in that field and who desire to increase their knowledge and update their skills, and for those who would like to augment their abilities in other fields with knowledge and skills in cloud computing.

CPL Credit for Prior Learning (CPL) available for these courses:



- ITE 152, ITN 101, & ITN 260 - Google IT Support Professional Certificate
- ITD 110 - Certiport IT Specialist: HTML and CSS -OR- Google UX Design Certificate
- ITD 256 - Certiport IT Specialist: Databases
- ITN 101 - CompTIA Network+
- ITN 107 & ITN 106 - CompTIA A+ Core Series
- ITN 170 - CompTIA Linux+
- ITN 213 - AWS Solutions Architect: Associate/Professional
- ITN 257 - AWS Certified Cloud Practitioner
- ITN 260 - CompTIA Security+ -OR- CompTIA CISSP
- ITP 120 - Certiport IT Specialist: Java
- ITP 150 - Certiport IT Specialist: Python
- ITP 225 - Certiport IT Specialist: HTML 5 Application Development

For More Info about NOVA's

Cloud Computing A.A.S. Degree Specialization or C.S.C. go to www.nvcc.edu/iet



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of Applied
Science

C.S.C. Career
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