

**INFORMATION TECHNOLOGY****Overview**

Iłisaǵvik College's Information Technology program currently offers courses that allow students to receive certification for passing selected courses and, if the students so choose, to go on and earn industry recognized certification.

**Degree Outcomes**

Upon successful completion of the IT certification courses, students are able to:

- Use current and emerging software applications proficiently to conduct office operations.
- Support end-users in an office by performing key IT support functions such as installing and upgrading software, troubleshooting software and hardware problems and performing basic computerized administrative functions.
- Work effectively in a team environment and interact effectively with clients and customers.
- Work ethically and effectively with subordinates, superiors, customers, and other stakeholders in professional matters.
- Integrate Iłupiaq knowledge, values and culture into business practice.

**Admission Requirements and Prerequisites**

Students must meet general admissions requirements.

**Network+ Course**

CompTIA Network+ is another important industry certification that is widely-recognized within the IT profession. Earning the Network+ certificate is considered to be the equivalent of two years of IT experience. In this course, students learn basic network installation and maintenance troubleshooting skills. Successful completion of the course will prepare students to take the certification exam. Upon successful completion, they will also receive recognition from Iłisaǵvik College that will identify the proficiency of their knowledge. The course number for Network+ is IT 291.

**CompTIA+ COURSE**

The CompTIA A+ industry certification is the computer technology industry's leading hardware and software support Standards for entry-level service technicians. A+ is rapidly becoming necessary for employment in the information technology field. In this course students will learn to install, upgrade, repair, configure, troubleshoot, optimize, and perform preventative maintenance on computer hardware and software. Successful completion of the course will prepare you to take the two certification exams. Upon successful completion, you will also receive recognition from Iłisaǵvik College that will identify the proficiency of your knowledge. The course number for A+ is IT 292.

**INTERNET AND COMPUTING CORE CERTIFICATION**

Certiport's Internet and Computing Core Certification (IC3) is the ideal certification for anyone who wants to demonstrate critical computer and Internet skills valued in today's academic and professional environments. IC3 certifications help students learn and demonstrate Internet and digital literacy through a worldwide industry Standards. This program also provides a solid foundation for the Information Technology advanced training. IC3 is a prerequisite course for other IT courses.

**IC3 INTERNET AND COMPUTING CORE CERTIFICATION**

<i>Course Requirements</i>		<i>Credits</i>
IT 117	Intro to Personal Computers, IC3 Mod. A	1
IT 118	MS Office 2010, IC3 Mod. B	1
IT 119	Internet Use and Security, IC3 Mod. C	1
<b>Total Credits:</b>		<b>3</b>

**CERTIFICATE, INFORMATION TECHNOLOGY SUPPORT SPECIALIST I**

The Information Technology Support Specialist Certificate prepares students not only with basic computer knowledge and skills, but also prepares them to work effectively in a business setting. Students earning this certificate will be able to demonstrate to prospective employers the knowledge and skills they have learned and their readiness for employment in an entry level IT position.

**CERTIFICATE, INFORMATION TECHNOLOGY SUPPORT SPECIALIST I**

<i>Course Requirements</i>		<i>Credits</i>
BUS 151	Intro to Business	3
IT 101	Keyboarding Skills	1
IT 117	Intro to Personal Computers, IC3 Mod. A	1
IT 118	MS Office 2010, IC3 Mod. B	1
IT 119	Internet Use and Security, IC3 Mod. C	1
IT 292	PC Hardware & Troubleshoot.	4
<i>Complete ONE of the following:</i>		
BUS 109	Business English	3
ENGL 111	Intro to Academic Writing	3
<b>Total Credits:</b>		<b>14</b>

**CERTIFICATE, INFORMATION TECHNOLOGY  
SUPPORT SPECIALIST II**

This is a one-year certificate program designed to provide students with a broader skillset that will help them function more effectively as an IT professional.

<b>CERTIFICATE, INFORMATION TECHNOLOGY SUPPORT SPECIALIST II</b>		
<i>General Education Coursework</i>		<i>Credits</i>
<b>Communication</b>		<b>(6)</b>
COMM 131	Fund. of Oral Communication	3
<i>Complete ONE of the following:</i>		
BUS 109	Business English	3
ENGL 111	Intro to Academic Writing	3
<b>Math/Science/Technology</b>		<b>(3-4)</b>
<i>Complete ONE of the following:</i>		
BUS 105	Business Math	3
MATH	MATH 105 or higher	3-4
<b>Humanities/Social Sciences</b>		<b>(3)</b>
<i>Complete ONE of the following:</i>		
ANTH 100	Indiv. Society and Culture	3
BUS 155	Human Relations	3
BUS 239	Culture and Management	3
<i>Major Coursework</i>		<i>Credits</i>
<b>Certificate Core</b>		<b>(18)</b>
Bus 151	Intro to Business	3
IT 101	Keyboarding Skills	1
IT 117	Intro to Personal Computers, IC3 Mod. A	1
IT 118	MS Office 2010, IC3 Mod. B	1
IT 119	Internet Use and Security, IC3 Mod. C	1
IT 291	Network Installation & Maint.	4
IT 292	PC Hardware & Troubleshoot.	4
<i>Complete ONE of the following:</i>		
IT 130	Comp. Word Process. A,B,C	3
IT 140	Comp. Spreadsheets A,B,C	3
IT 150	Comp. Databases, A,B,C	3
<b>Total Credits:</b>		<b>30-31</b>

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