

# General Technology - Information Technology Emphasis, AAS

## Program Description

The Associate of Applied Science in General Technology (A.A.S.) - Information Technology emphasis, prepares students for entry-level IT careers. The content incorporates related general education requirements, and provides students with the basic skills of networking, operating systems, programming, and hardware.

## Program Curriculum

63 credits

### General Education & Institutional Requirements

The required General Education courses for the Associate of Applied Science degree at DSU include a course in English, Quantitative Reasoning and Human Relations.

Code	Title	Hours
<b>General Education Requirement</b>		
ENGL 1010 or ENGL 1010D	Introduction to Writing (EN)	3-4
BUS 1370 or COMM 2110	Human Relations Interpersonal Communication (SS, GC)	3
<b>Code</b> <b>Title</b> <b>Hours</b>		
Complete one of the following: Quantitative Course		
MATH 1010	Intermediate Algebra	4
MATH 1050	College Algebra / Pre-Calculus (MA)	4
<b>Code</b> <b>Title</b> <b>Hours</b>		
<b>Information Technology Emphasis Requirements</b>		
IT 1100	Introduction to Unix/Linux	3
IT 1200	A+ Computer Hardware/Windows OS	3
CS 1400	Fundamentals of Programming	3
CS 1410	Object Oriented Programming	3
IT 2400	Intro to Networking	3
IT 2500	Cloud Computing	3
<b>Information Technology Emphasis Electives (See Academic Advisor for elective course suggestions)</b>		<b>17</b>
<b>Technical Specialty</b>		
Complete the following: 18-30 technical specialty credits <sup>1</sup>		18-30

<sup>1</sup> 30 credits from an accredited Utah System, technical college program. The specific content, which may be transferred for credit, must exceed 900 membership hours and must be an articulated program with DSU. Transfer coursework for a certificate of completion will be evaluated, and credit awarded in accordance with approved articulation agreements as outlined in R473.

## Graduation Requirements

1. Complete a minimum of 63 college-level credits (1000 and above).
2. Complete at least 20 lower-division credits at DSU for institutional residency.
3. Grade of B- or better earned in every required 1000- and 2000-level IT course.

4. Grade of C- or better earned in every course.
5. Cumulative GPA 2.0 or higher.

## Graduation Plan

<b>1st Year</b>		<b>Hours</b>
Completion of 30 technical specialty credits <sup>1</sup>		30
Hours		30
<b>Fall Semester</b>		
Quantitative Literacy (MATH 1010 or MATH 1050)		4
ENGL 1010	Introduction to Writing (EN)	3-4
or ENGL 1010D	or Introduction to Writing (EN)	
COMM 2110	Interpersonal Communication (SS, GC)	3
CS 1400	Fundamentals of Programming (Prerequisite: MATH 1010 or equivalent placement score)	3
Electives		3
Hours		16-17
<b>Spring Semester</b>		
IT 2500	Cloud Computing	3
CS 1410	Object Oriented Programming	3
Electives		11
Hours		17
Total Hours		63-64

### General Technology information technology Emphasis Program Learning Outcomes

At the successful conclusion of this program, students will be able to:

1. Demonstrate technical specialty competencies by completing an articulated 900 hour ATC program.
2. Administer computing resources to support organizational needs, including networks and operating systems.
3. Identify and resolve technical problems using troubleshooting techniques.