

Information Systems and Technology, Certificate of Proficiency

The Certificate of Proficiency in Information Systems and Technology is available to all UVU Students with a particular focus designed to provide high school students an opportunity to obtain a stackable certificate of proficiency with an emphasis in career and technical education while still enrolled in high school. This certificate will be available from the University for college students/adults looking for basic entry-level skills leading to further academic advancement. Students complete a foundational core in programming, database, web application design, data communication, and networking.

Program Requirements

Code	Title	Credit Hours
Total Credit Hours		16
Discipline Core Requirements		10 Credits
ENGL 1010	Introduction to Academic Writing CC	3
MATH 1050	College Algebra QL	4
INFO 1120	Information Systems and Technology Fundamentals	3
Elective Requirements		6 Credits
Complete 6 credits from either the Information Systems or Information Technology domain:		6
Information Systems Domain:		
INFO 1200 or CS 1400	Computer Programming I for IS IT (3) Fundamentals of Programming	
INFO 2420	Web Application Design (3)	
Information Technology Domain:		
IT 1510	Introduction to System Administration--Linux/UNIX (3)	
IT 1600	Computer Architecture and Systems Software (3)	

Graduation Requirements

1. Completion of a minimum of 18 semester credits.
2. Minimum grade of C- required in all courses.
3. Overall grade point average of 2.0 (C) or above.
4. Residency hours: minimum of 5 credit hours through course attendance at UVU.

Graduation Plan

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in Wolverine Track (<http://www.uvu.edu/wolverinetrack/>).

First Year		Credit Hours
Semester 1		
ENGL 1010 or ENGH 1005	Introduction to Academic Writing CC or Literacies and Composition Across Contexts CC	3
MATH 1050 or MATH 1055	College Algebra QL or College Algebra with Preliminaries QL	4
INFO 1120	Information Systems and Technology Fundamentals	3
Credit Hours		10
Semester 2		
Complete 6 credits from one domain		6
Information Systems Domain:		
INFO 1200 or CS 1400	Computer Programming I for IS IT or Fundamentals of Programming	
INFO 2420	Web Application Design	
Information Technology Domain:		
IT 1510	Introduction to System Administration--Linux/UNIX	

IT 1600	Computer Architecture and Systems Software	
	Credit Hours	6
	Total Credit Hours	16

Program Learning Outcomes

1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. Support the delivery, use, and management of information systems within an information systems environment.
3. Apply tools, concepts, and computing techniques to solve business problems.