

Associate of Applied Science: Applied Technology

Degree Description:

The AAS in Applied Technology builds on the specific technology skill set attained in the students' chosen introductory certificate by adding a second technology certificate skill set. Students also gain practical math and writing skills to provide a more well-rounded technology preparation. This degree is developed and granted by BYU-Idaho.

Outcomes

Program Outcomes for the associate degree in Applied Technology are to produce graduates, in accordance with their certificate choices, who are able to:

- Configure and resolve issues related to software, network, and security in support of desktop computers. (*Computer Support Certificate*)
- Design and develop computer programs (*Programming Certificate*)
- Design and develop web pages, sites, and applications (*Web Frontend Development, Web Backend Development Certificates*)
- Design and develop relational databases and applications (*Database Certificate*)
- Install, configure, and troubleshoot network routers, switches, and servers (*System Administration Certificate*)
- Create and modify CAD models, assemblies, and drawings (*Computer-Aided Design and Drafting Certificate*)
- Maintain, diagnose, and repair automotive systems and components (*Automotive Service Technology Certificate*)

Potential Employment:

Successful students with adequate work experience will be prepared to be advanced beyond entry – level positions they attained with their introductory certificate. See certificate summaries for specific employment opportunities.

Availability:

This is a new major available to campus and online students.

Program Requirements:

Complete <u>two</u> of the following certificates:	25-30 Credits
Auto Service Technology – C112	13 Credits
Computer-Aided Design and Drafting – C121	15 Credits
Computer Support – C155	15 Credits
Computer Programming – C145	15 Credits
Database – C116	15 Credits
System Administration – C115	15 Credits
Web Frontend Development – C113	12 Credits
Web Backend Development – C114	15 Credits

Fulfill Remaining GE and University Requirements* *Computer Support must be taken prior to System Administration. Web Frontend Development must be taken prior to Web Backend Development. No double counting of certificates.*