

Applied Technology

DEGREE DESCRIPTION

When paired with adequate work experience, the bachelor's degree in applied technology prepares students for advanced positions in either systems administration or web development or related information technology fields.

The bachelor's degree builds on the specific skill set attained through the students' two previously completed technology certificates by adding a third certificate skill set.

COMPLETE ONE OF THE FOLLOWING CERTIFICATES

Auto Service
Technology

13 CREDITS

Computer-Aided
Design and
Drafting

15 CREDITS

Computer
Support

15 CREDITS

Computer
Programming

15 CREDITS

Database

15 CREDITS

System
Administration

15 CREDITS

Web Frontend
Development

12 CREDITS

Web Backend
Development

15 CREDITS

ASSOCIATE DEGREE

Applied Technology

60 CREDITS

Includes Two Certificates (up to 30 Credits)

BACHELOR'S DEGREE

Applied Technology

120 CREDITS

Includes three certificates, one of the three must be either of the following:

System
Administration

15 CREDITS

Web Backend
Development

15 CREDITS

All degrees are accredited and offered through a partnership with BYU-Idaho.

Learn more at byupathway.lds.org

Applied Technology Certificate Options

Auto Service Technology

13 CREDITS

TAKE THESE COURSES CREDITS

| | |
|---------------------------------------|---|
| Introduction to Automotive Technology | 1 |
| Electrical Systems | 2 |
| Engine Performance | 2 |
| Chassis Systems | 2 |
| Drive Trains | 2 |
| Vehicle Electronics | 2 |
| Engine Management Systems | 2 |

Computer-Aided Design & Drafting

15 CREDITS

TAKE THESE COURSES CREDITS

| | |
|-------------------------------|---|
| College Algebra | 3 |
| Engineering Computation I | 3 |
| Computer-Aided Draft & Design | 3 |
| Parametric Mechanical CAD | 3 |
| Mechanical CADD and GD&T | 3 |

Computer Programming

15 CREDITS

TAKE THESE COURSES CREDITS

| | |
|--|---|
| Introduction to Programming | 2 |
| Introduction to Programming | 3 |
| Survey Object-Oriented Programming/Data Structures | 4 |
| Web Engineering | 3 |
| Software Design and Development | 3 |

Computer Support

15 CREDITS

TAKE THESE COURSES CREDITS

| | |
|-----------------------------------|---|
| Business Applications | 3 |
| Hardware Technician | 3 |
| Windows Client | 3 |
| Introduction to Networking | 3 |
| Interpersonal Theory and Practice | 3 |

Database

15 CREDITS

TAKE THESE COURSES CREDITS

| | |
|-------------------------------|---|
| Introduction to Databases | 3 |
| Introduction to Programming | 3 |
| Database Design & Development | 3 |
| Database Programming | 3 |
| Data Warehousing | 3 |

System Administration

15 CREDITS

TAKE THESE COURSES CREDITS

| | |
|----------------------|---|
| Networking | 3 |
| Networking Design I | 3 |
| Systems Security I | 3 |
| Operating Systems I | 3 |
| Operating Systems II | 3 |

Web Backend Development

15 CREDITS

TAKE THESE COURSES CREDITS

| | |
|--------------------------------|---|
| Object Oriented Programming | 3 |
| Mobile Application Development | 3 |
| Web Engineering II | 3 |
| Web Backend Development | 3 |
| .NET Software Development | 3 |

Web Frontend Development

12 CREDITS

TAKE THESE COURSES CREDITS

| | |
|--|---|
| Introduction to Web Design and Development | 1 |
| Introduction to Programming | 3 |
| Visual Media | 3 |
| Web Frontend Development | 3 |
| Advanced CSS | 2 |