Computer Technologies

Associate of Applied Science—Computer Technologies, Web Development Emphasis

Professional Skills and Career Paths
Web developer, web designer

Student Learning Outcomes
Graduates of this degree program will have the knowledge and skills to:

- Efficiently and ethically use computers and relevant software in the workplace.
- Effectively use a computer operating system.
- Build and maintain well-designed, interactive web pages and sites.
- Build and maintain databases and gather user information.
- Seek entry-level employment in the field of web development.
- Apply for admission to the Bachelor of Applied Science in Digital Information Technology.

General Education Requirements	Credits
English/Communications ENG 100 or 101, and ENG 102	6
Mathematics— MATH 126 (required)	3
Science	3
Social Science—PSC 101	3
Human Relations	3
Humanities and Fine Arts	3
Technology—GRC 119 (required)	3

Program Core Requirements			Credits
CIT	151	Beginning Web Development	3
COT	204	Using Windows	3
IS	201	Computer Applications	3

Program Emphasis Requirements			Credits
CIT	129	Introduction to Programming	3
CIT	152	Web Script Language Programming	3
CIT	174	Linux System Administration	3
CIT	180	Database Concepts and SQL	3
GRC	103	Introduction to Computer Graphics	3
GRC	156	Computer Illustration	3
GRC	188	Web Animation I	3

Program Electives (Choose with advisor)	Credits
Any 100-level or higher courses from CIT, CSCO, GIS, GRC or IS	6

SUGGESTED COURSE SEQUENCE
(Refer to page 87)
AAS—Computer Technologies
Web Development Emphasis

FALL—1st Semester		Credits
CIT	151	3
ENG	100 or 101	3
GRC	103	3
COT	204	3
MATH	126	3
TOTAL		**15**

SPRING—2nd Semester		Credits
CIT	129	3
CIT	152	3
GRC	119	3
ENG	102	3
GRC	188	3
TOTAL		**15**

FALL—3rd Semester		Credits
CIT	180	3
GRC	156	3
HUMAN RELATIONS*		3
HUMANITIES/FINE ARTS*		3
SCIENCE*		3
TOTAL		**15**

SPRING—4th Semester		Credits
CIT	174	3
PROGRAM ELECTIVES**		6
IS	201	3
PSC	101	3
TOTAL		**15**

Minimum Credits: 60
***Select from page 82**
***Choose with an advisor**

Students should be aware that many colleges and universities have different lower-division requirements. Students intending to transfer into a bachelor degree program at another institution should check that institution's lower-division requirements to ensure that appropriate courses are taken at Great Basin College.

After the AAS in Web Development, the next step could be the Bachelor of Applied Science in Digital Information Technology. See page 129.