

WEB TECHNOLOGY AND E-COMMERCE

Associate of Applied Science Degree Web Design

Today's Web designers must be familiar with a variety of Internet technologies. This program teaches the Web design, e-commerce, scripting, and authoring skills necessary to advance in the field of Web design. General education classes and other business classes are included in the program to provide students with general business, communication, and problem solving skills.

This is a nontransfer degree program.

(Recommended Curriculum)

General Education (Minimum 17 credits) Credits
General education coursework can be completed from within or outside of the major field of study.

1. Exploration and Participation
BADM 1005 Business Mathematics I 3
2. Communication
BADM 1020 Business Communications 3
BOTK 1540 Business English 3
3. Relationship with the World (One course minimum)
Human behavior
U.S. and Wyoming constitutions 1-3
Cultural environment
4. General Education Electives
Must be chosen from areas 1, 2, or 3 above.
5. Physical Education 1

Major Requirements

- ACCT 1905 Practical Accounting I or
- ACCT 2010 Principles of Accounting I 4
- ART 2100 Digital Design I or
- ART 2105 Digital Design II or
- ART 2245 Digital Photo for Art Majors 3
- BADM 2010 Business Law I 3
- BADM 2040 e-commerce 3
- CMAP 1815 Database Applications 3
- IMGT 2400 Intro to Information Management 3
- INET 1590 Web Page Design 3
- INET 1610 Dynamic Web Graphics 3
- INET 1885 Adobe Photoshop for the Web 3
- INET 1890 Introduction to Web Design 3
- INET 1895 Introduction to Internet Marketing 3
- INET 2665 New Media Communication 3
- INET 2670 Internet Ethics and Cyber Law 3
- INET 2675 Web Design Business Fundamentals 3
- INET 2895 Web Design Capstone/Seminar 3
- MGT 2100 Principles of Management 3

All classes in the major must be passed with a "C" or better.

A minimum of 64 approved semester credits are required for graduation. For specific graduation requirements see "Academic Policies" and "Degree Requirements."

Web Design Certificate

(Certificate Requirements)

	Credits
General Education	
ART 2100 Digital Design I	3
ART 2105 Digital Design II	3
ART 2245 Digital Photo for Art Majors	3
BADM 1020 Business Communications	3
CMAP 1815 Database Applications	3
COSC 1010 Intro to Computer Science	4
IMGT 2400 Intro to Information Management	3
INET 1590 Web Page Design	3
INET 1610 Dynamic Web Graphics	3
INET 1650 Intro to HTML and DHTML	2
INET 2500 Intro to ASP.NET	3

All classes in the major requirements must be passed with a "C" or better.

For specific graduation requirements see "Academic Policies" and "Degree Requirements."

Associate of Applied Science Degree Web Development

This program focuses on the technologies used to create and operate an effective Web site or e-business. It is very technology based with advanced coursework in computer networking and programming, as well as Web development and design. As such, this program focuses much more on the back office technologies involved with Web development including advanced Web authoring, HTML scripting, Visual Basic programming, and database design.

This is a nontransfer degree program.

(Recommended Curriculum)

General Education (Minimum 17 credits) Credits
General education coursework can be completed from within or outside of the major field of study.

1. Exploration and Participation
BADM 1005 Business Mathematics I or
MATH 1000 Problem Solving 3
2. Communication
BADM 1020 Business Communications 3
BOTK 1540 Business English 3
3. Relationship with the World (One course minimum)
Human behavior
U.S. and Wyoming constitutions 3
Cultural environment
4. General Education Electives
Must be chosen from areas 1, 2, or 3 above.
5. Physical Education 1

ONLY COURSES NUMBERED 1000 OR ABOVE CAN BE USED TOWARD THE ASSOCIATE OF ARTS, ASSOCIATE OF SCIENCE, ASSOCIATE OF BUSINESS, ASSOCIATE OF FINE ARTS AND ASSOCIATE OF APPLIED SCIENCE DEGREES.

Major Requirements

ACCT 1905 Practical Accounting I	or
ACCT 2010 Principles of Accounting I	4
BADM 2010 Business Law I	3
COSC 1010 Intro to Computer Science	4
COSC 2240 Systems Analysis and Design.	3
IMGT 2400 Intro to Information Management.	3
INET 1590 Web Page Design	3
MGT 2100 Principles of Management.	or
MKT 2100 Principles of Marketing	3

Select at least 24 credits from the following electives

CMAP 1815 Database Applications	3
COSC 2210 Business Data Processing I	3
COSC 2220 Business Data Processing II.	3
COSC 2403 Linux with X-Windows.	2
COSC 2404 Java and JavaScript Programming.	2
COSC 2406 Programming in Java	4
INET 1650 Intro to HTML and DHTML	2
INET 2500 Introduction to ASP.NET	3
Electives approved by department head.	2-6

All classes in the major must be passed with a "C" or better.

A minimum of 64 approved semester credits are required for graduation. For specific graduation requirements see "Academic Policies" and "Degree Requirements."