WEB DESIGN & DEVELOPMENT

ASSOCIATE OF SCIENCE

Imagine a dynamic digital universe where computer graphics, audio, video and interactivity converge to bring about exciting creative and technical possibilities for websites and advertising. Here's your chance to merge your artistic side with your love of technology and learn what it takes to bring whatever you can imagine into digital reality. The Academy can get you started. You can take it from there.

You Imagine. We can get you there.™

These are some of the potential opportunities in the field of Web Design and Development. With the right education and your own initiative, one of them could be in your future:

> **Web Designer**
> **Webmaster**
> **Interface Designer**
> **Web Project Manager**
> **Flash Application Developer**

International Academy of Design & Technology
Online

Web Design and Development

Imagine learning to not only design websites – but get them up and running. In this program you can take design to an exciting new dimension where you can create amazing interactive multimedia experiences. Learn the basics of good design including page layout, type, color theory, and digital illustration and imaging. Then bring it to life through 3D modeling, animation, programming, audio and video production, scripting, and more.

CONCENTRATION COURSES

Course#	Course Title	Credits
DESIGN101	DESIGN FUNDAMENTALS	4
DESIGN160	DIGITAL IMAGING	4
GRAPH120	COLOR THEORY	4
WEB110	PROGRAMMING FOR THE INTERNET	4
WEB120	USABLITY AND INTERFACE DESIGN	4
WEB130	DIGITAL IMAGING II	4
WEB140	AUDIO AND VIDEO FOR THE WEB	4
WEB150	MULTIMEDIA DESIGN I	4
WEB210	PROGRAMMING CONCEPTS	4
WEB220	MULTIMEDIA DESIGN II	4
WEB230	OPEN SOURCE SYSTEMS	4
WEB240	ADVANCED SCRIPTING TECHNIQUES	4
WEB250	CONTENT MANAGEMENT SYSTEMS	4
WEB260	WEBSITE ADVERTISING AND DESIGN	4
WEB270	INTERNET LAW AND INTELLECTUAL PROPERTY	4
WEB280	WEB DESIGN PROJECT	4
Total Concentration Requirements		**64**

COLLEGE CORE COURSES

Course#	Course Title	Credits
COLL101	COLLEGE SUCCESS	4
Total Core Requirements		**4**

GENERAL EDUCATION COURSES

Course#	Course Title	Credits
COMM101	INTERPERSONAL COMMUNICATIONS	4
ENGL101	ENGLISH COMPOSITION I	4
ENGL102	ENGLISH COMPOSITION II	4
HUMN101	INFORMATION LITERACY	4
MATH130	COLLEGE ALGEBRA	4
SOCS201	CULTURAL DIVERSITY	4
Total General Education Requirements		**24**

| **Total Credits Required for Graduation** | | **92** |

Upon satisfactory completion of the specified 92 quarter credit hours a student with a CGPA of 2.0 (on a 4.0 scale) or higher will be awarded the Associate of Science degree in Web Design and Development.

WHY IADT ONLINE?

You can feel like you belong here.

You can learn and grow in a collaborative community of students who share your passion.

Engaged learning
We know from years of experience that when you're fully engaged in learning, you can learn better. And that's how we do it here – from hands-on instruction, to focused interaction with instructors, to live lectures and chats.

Focused attention
We know our students by name. And we're proud of that. We believe wholeheartedly in giving students the guidance and attention they need.

Instructors who get what you want to do
You can learn from instructors with real-world experience. They know what it takes to make it out there.

Real-world tools
You can learn using the same type of industry-current software professionals use.

A plan to help you finance your education
All our students can get tuition planning assistance and information on available scholarships. Financial aid is available for those who qualify.

Career services assistance
IADT has a nationwide network of individuals and businesses to help you with career opportunities and the job search process.

Flexibility and portability
Your life doesn't stop just because you're in school. We get that. MobiClass™ allows you to attend class from most mobile devices – wherever you are, whenever it fits your schedule.

WEB DESIGN AND DEVELOPMENT

BACHELOR OF SCIENCE

Imagine using your creativity and command of technology to advance your exploration of design and the web. Start with the basics then move beyond to areas that can broaden your scope as a designer and give you the insight to dig deep into the web and its dynamic applications. Delve into areas such as programming, database management, and web administration. Merge your artistic side with technical talent that can break through the limits of what is possible with traditional design alone.

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These are some of the potential opportunities in the field of Web Design and Development. With the right education and your own initiative, one of them could be in your future:

> **Flash Animator**

> **Database Developer**

> **Usability Expert/Designer**

> **Database Manager**

> **Flash Developer**

> **Web Application Developer**

> **Website Designer**

International Academy of Design & Technology
Online

Web Design and Development
BACHELOR OF SCIENCE

Imagine advancing your design and multimedia skills and opening your imagination to even more exciting possibilities. For creative people who want to make the most of the ever-evolving digital universe, this program can expand your understanding of later-generation markup languages, web authoring for mobile browsers, database design, server-side programming, e-commerce, web administration, security, and more. Ultimately, you can learn what it takes to plan, design, maintain, manage and evaluate effective websites.

CONCENTRATION COURSES

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WEB260	WEBSITE ADVERTISING AND DESIGN	4
WEB270	INTERNET LAW AND INTELLECTUAL PROPERTY	4
WEB290	ADVANCED OPEN SOURCE SYSTEMS	4
WEB310	MARKUP LANGUAGES	4
WEB320	INTERACTIVE MOBILE APPLICATION	4
WEB330	WEB ANALYTICS	4
WEB340	DESIGNING FOR SERVER SIDE TECHNOLOGY	4
WEB350	ADVANCED SERVER SIDE TECHNOLOGY	4
WEB360	INTRODUCTION TO DATABASE	4
WEB370	DATABASE & DYNAMIC WEB DESIGN	4
WEB410	INTERNET COMMERCE	4
WEB420	WEB COMMERCIALIZATION	4
WEB430	WEB APPLICATION SECURITY	4
WEB440	WEB ADMINISTRATION	4
WEB450	WEB PORTFOLIO DEVELOPMENT	4
WEB460	WEB DEVELOPMENT CAPSTONE	4
WEB470	BUSINESS FOR THE WEB	4
Total Concentration Requirements		**120**

COLLEGE CORE COURSES

Course#	Course Title	Credits
COLL101	COLLEGE SUCCESS	4
Total Core Requirements		**4**

GENERAL EDUCATION COURSES

Course#	Course Title	Credits
COMM101	INTERPERSONAL COMMUNICATIONS	4
ECON315	GLOBAL ECONOMICS	4
ENGL101	ENGLISH COMPOSITION I	4
ENGL102	ENGLISH COMPOSITION II	4
HUMN101	INFORMATION LITERACY	4
HUMN301	HISTORY OF ART I	4
HUMN302	HISTORY OF ART II	4
HUMN401	LITERATURE AND FILM	4
MATH130	COLLEGE ALGEBRA	4
PHIL405	ETHICS	4
SCIE201	ENVIRONMENTAL SCIENCE	4
SCIE310	PHYSICAL ANTHROPOLOGY	4
SOCS201	CULTURAL DIVERSITY	4
SOCS401	POLITICAL SCIENCE	4
Total General Education Requirements		**56**

Total Credits Required for Graduation **180**

Upon satisfactory completion of the specified 180 quarter credit hours a student with a CGPA of 2.0 (on a 4.0 scale) or higher will be awarded the Bachelor of Science degree in Web Design and Development.

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