

## Animation, Graphics & Web Design Academy

The **Animation, Graphics, and Web Design** Academy gives you the chance to explore a wide variety of opportunities in these creative fields while earning college credit before you graduate from high school! You will experience a taste of each program option using state-of-the-art equipment and software. The curriculum includes classroom and laboratory, hands-on instruction. **Animation** (ANI) courses will expose you to principles of character animation, movement, and drawing. **Graphics** (GRA) courses will introduce the principles of design aesthetics for print and web media. **Web** (WDV) courses will teach standards used in building web pages and publishing to a web server.

You may enroll in any or all of the courses listed in the Academy through the guidance of your high school counselor. You are not required to take all courses within the academy to get college credit for each course.



### Career Opportunities:

- Motion Graphic Artist
- Character Animator
- Digital Modeler
- Effects Animator
- Lighting and Rendering Artist
- Storyboard and Concept Artist
- Video Game Designer
- Graphic Designer
- Marketing Assistant
- Web Developer
- IT Consultant
- Network Administrator

### How much will it cost?

Your school district pays for your courses. You and your family are saving \$180/credit hour (SCC's in-state tuition cost for 2017-2018).

Check with your high school guidance counselor but you most likely will need to provide your own transportation and purchase your textbooks.

### Who may participate?

Any high school student who meets the requirements. Please check with your high school guidance counselor.

### What may I do after high school?

When you complete courses in the **Animation/Arts/Graphics/Web** Academy, you will earn SCC college credit and have an SCC college transcript. If you enroll in these programs at SCC, you may bypass the courses you have already taken, saving time and money.

Some courses may apply to other programs. SCC Enrollment Specialists can answer your questions. To view all the programs offered at SCC, visit our website for more information:  
[www.scciowa.edu/scripts/admissions/programs/programlist.asp](http://www.scciowa.edu/scripts/admissions/programs/programlist.asp)

### May I take more?

If there are openings in appropriate classes on an SCC Campus, there may be a possibility for further study. Check with your high school guidance counselor.

### When and where are the classes located?

Classes are located at the SCC West Burlington Campus and begin at 7:00 am. Class dates run according to the SCC Academic Calendar year.

### How do I register?

Meet with your high school guidance counselor to determine course options. Register online with SCC, as directed by your counselor. Your high school counselor will send the class roster to SCC.

### Do courses transfer to other colleges?

Check out this link: [www.transferiniowa.org](http://www.transferiniowa.org) to see how courses may transfer to other colleges. It's also recommended that you double check with the college to make sure how/if courses will transfer.

#### Questions or for more information:

**Michelle Randall**  
Director of High School Relations  
319-208-5046: [mrاندall@scciowa.edu](mailto:mrاندall@scciowa.edu)

#### West Burlington Campus

1500 West Agency Road  
West Burlington, IA 52655  
Toll-free: 1-866-722-4692 x5046

# Animation, Graphics & Web Design Course Descriptions

## Animation

### ANI-101 Animation Software I

**Credit: 3** This course will introduce students to basic computer use & to the basic processes used in animation. Students will use industry standard software to develop art assets & will be exposed to topics such as mesh modeling, rigging/skinning, character animation, & texture mapping.

### ANI-116 Exploring Human Movement

**Credit: 3** This course provides students with a simplified understanding of human anatomy for the animator. Students will participate in acting exercises to help them appreciate motivation & performance. The groundwork for figure drawing will also be established through a series of gesture studies.

### ANI-136 Stop Motion/Video Production

**Credit: 3** Students will be introduced to video equipment operation, techniques in video & stop motion production. Students will learn how to shoot and edit video. Students will also set lights & cameras for stop motion. Students will apply animation principles to arrive at their final product.

## Computer Programming

### CIS-125 Introduction to Programming Logic w/Language

**Credit: 3** Introduction to computer programming with structured program development and module designs emphasized. Write programs related to several areas, including input/output, numerical computation, iteration, recursion, data manipulation, and interactive procedures.

## Computer Science

### CSC-110 Introduction to Computers

**Credit: 3** This course provides an introduction to computer concepts. The student will use the Windows operating system, presentation software, electronic spreadsheet software, database management software and word processing software. Microcomputer hardware and software, as well as the processing concepts associated with each, will be discussed. The course will also include information on file management, the Internet, virus protection, and e-mail basics as applicable to the academic world as well as the business environment. Lab time outside class is required to complete projects.

## Graphic Communications

### GRA-140 Digital Imaging

**Credit: 3** This course is designed to introduce the student to image manipulation software used in the electronic and print media industry. Emphasis will be placed on scanning, image editing techniques, using painting tool sets, color correction, ethics and digital photography techniques.

### GRA-158 Web Multimedia

**Credit: 3** An introduction to the creation of multimedia for use with Web pages, kiosks, and CD/DVD. Video camcorders, digital cameras, digital recorders, touch screens, and iPods will be utilized in conjunction with computer hardware and software for media creation and manipulation. Media covered in the course will include podcasting, streaming video, streaming audio, live broadcasts, and presentations.

### GRA-175 Graphic Design Principles

**Credit: 3** A beginning course in designing printed pieces. This course will provide the student with an introduction to some of the basic principles of design aesthetics for print and web media. A history of the desktop publishing process, basics of communication, basic document structure, typography, use of color and illustration will be covered.

## Web Development

### WDV-101 HTML and CSS

**Credit: 3** Introduces current standards of HTML, XHTML and CSS. Students will code HTML and CSS web pages, test them in browser and publish them to a web server. Page layouts will use various CSS techniques. Tables and forms will be used as well. A current version of Dreamweaver will be used to build more complex pages.

Southeastern Community College (SCC) is committed to providing equal access to all persons who seek post-secondary and related educational assistance, within our stated mission and statutory authority. We remain committed to helping all persons to the level of their ability to benefit, regardless of age, disability, ethnicity, gender, national origin, race, religious creed, marital status, or sexual orientation. We will accomplish this commitment through our offering of a broad spectrum of quality educational programs, activities, educational assistance, and related support services. We value diversity as a rich enhancement of student experiences here and we are thereby committed to policies that promote fairness and inclusion for all who attend SCC.

