
COURSE PREFIX/NO:	CPT 252
COURSE TITLE:	DIGITAL ANIMATION
LEC HRS/WEEK:	3.0
LAB HRS/WEEK:	0.0
CREDIT HRS/SEMESTER:	3.0

[Distance Learning Attendance/VA Statement](#)
[Textbook Information](#)

COURSE DESCRIPTION

This course is the study of basic aspects of computer animation. Topics include frame-by-frame animation, motion paths, tweening, import and export of objects, including web integrated export, morphing, layering, and creating special effects for web use.

COURSE COMPETENCIES

Upon successful completion of this course, a student should be competent to perform the following tasks:

Module 1: Introduction to Flash and Animation.

- Identify the basic tools and workspace options in Flash.
- Manage keyframes and layers within the timeline.
- Import bitmaps and vector drawings from other software.
- Construct shapes using the drawing tools and drawing modes within Flash.
- Create and edit text, graphic symbols, and movie clips.

Modules 2: Creating and Articulating Animation

- Animate the position, scale, and rotation of objects.
- Animate the transparencies and special effects of objects.
- Apply and adjust the paths of motion tweens.
- Animate objects in a three-dimensional space.
- Create shape tweens.

Module 3: Buttons, Sound, Video, and Publishing

- Create buttons and add sound to buttons.
- Write ActionScripts to create animation.
- Import and edit sound and video.
- Control movie clips through ActionScripts.
- Publish swf and html files from Flash files.

COURSE REQUIREMENTS

All students are responsible for attaining competencies through completion of the following course requirements:

- attending class
- bringing required media and text to class

- completing all tests and projects
- completing assigned exercises in class or outside of class
- completing lab assignments and digital portfolio (PowerPoint)
- reading assigned material, in text or on the internet

ATTENDANCE POLICY

The attendance policy as stated in the **York Technical College Catalog and Handbook** will be enforced. Attendance is required on test days unless the student has a doctor's excuse, death notice, etc., indicating an unusual circumstance for absence. If a student knows that he/she must be absent on a test day, the student should make arrangements with the instructor to take the test before the absence.

ACADEMIC INTEGRITY

The policies stated in the **York Technical College Catalog and Handbook** will be enforced. Any student violating the policy will be subject to academic discipline. Anyone caught cheating will automatically get a grade of zero for the assignment.

EVALUATION STRATEGIES/GRADING PROCEDURE

A minimum grade of C is required for the Digital Design Certificate.

GRADING SCALE

Module 1

Test	5%
Project(s)	15%

Final Project

Project	35%
Presentation	5%

GRADING SCALE

A = 90-100
B = 80-89
C = 70-79
D = 60-69
F = Below

Module 2

Test	5%
Project(s)	15%

Module 3

Test	5%
Project(s)	15%

ENTRY-LEVEL SKILLS

The student should be familiar with basic computer operation. The student must be able to read and comprehend assigned material.

PREREQUISITES: ARV 121, ARV 210, CPT 160, and MAT 150 – Minimum grades of “C”

CO-REQUISITES: None

Disabilities Statement: Any student who feels s/he may need an accommodation based on the impact of a disability should contact the Special Resources Offices (SR) at 803-327-8007 in the 300 area of Student Services. The SRO coordinates reasonable accommodations for students with documented disabilities.