Course Prefix and Number: COMM 251  
Credit Hours: 3

Course Title: 3D Animation

Course Prerequisites: COMM 236


and


Course Description: Students will learn how to generate and control motion in a 3-dimensional digital environment. Character and visual effects animation are explored.

Learning Outcomes: At the end of this course the student will be able to:

A. generate and control procedural animation;
B. animate rigged characters;
C. demonstrate the principles of animation in a 3D environment.

To achieve the learning outcomes, the student will:

1. use the timeline to create keyframe animation; (A, B)
2. establish interactive control over particles, fields, and emitters. (A)
3. procedurally animate cloth and fluids; (A)
4. animate deformer to change shape over time; (A)
5. discuss animation timing and principles; (B, C)
6. complete animation exercises using a rigged character. (B, C)

Course Requirements: This course requires attendance, class participation, assignments, exams, and projects as determined by the instructor.

Course Grading Scale:

90 – 100 A
80 – 89 B
70 – 79 C
60 – 69 D
0 – 59 F

Attendance Policy: The college attendance policy is available at http://www.bpcc.edu/catalog/current/academicpolicies.html

Course Fees: $45.00

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