

**Bossier Parish Community College
Master Syllabus**

Course Prefix and Number: COMM 236 **Credit Hours:** 3
Course Title: 3D Modeling
Course Prerequisites: None
Textbook: Murdock, Kelly L. *Autodesk Maya 2018: Basics Guide*.
2018 Edition.

Course Description: This course explores creating in 3-dimensions using numerous modeling workflows. Students will learn various techniques for texturing, lighting, and rendering to bring their digital sculptures to life.

Learning Outcomes:

At the end of this course the student will

- A. create 3D models using different methodologies;
- B. apply paint and texture to models; and
- C. render images.

To achieve the learning outcomes, the student will

(The letter designations at the end of each statement refer to the learning outcome(s).)

- 1. navigate and customize a 3D workspace; (A)
- 2. create a polygonal model; (A)
- 3. create a model using curves and NURBS; (A)
- 4. create a model using digital sculpting tools; (A)
- 5. apply and customize shaders; (B)
- 6. place and modify textures; (B)
- 7. paint in 3D (B)
- 8. place lights in a scene (C)
- 9. create a turntable; (C)
- 10. use different renderers and modify their settings. (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

Course Fees: \$45.00

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

Nondiscrimination Statement

Bossier Parish Community College does not discriminate on the basis of race, color, national origin, gender, age, religion, qualified disability, marital status, veteran's status, or sexual orientation in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of its operations. Bossier Parish Community College does not discriminate in its hiring or employment practices.

COORDINATOR FOR SECTION 504 AND ADA

Angie Cao, Student and Disability Services Specialist

Disability Services, F-254, 6220 East Texas Street, Bossier City, LA 71111

318-678-6511

acao@bpcc.edu

Equity/Compliance Coordinator

Teri Bashara, Director of Human Resources

Human Resources Office, A-105

6220 East Texas Street

Bossier City, LA 71111

Phone: 318-678-6056

Hours: 8:00 a.m.-4:30 p.m. Monday - Friday, excluding holidays and weekends.