Miami Dade College

Course Description

GRA2765C | Digital Motion Graphics for Broadcast Design | 4.00 credits

The student will use industry-standard software to create visual effects, compositing and motion graphics for television production. Time-based design elements of space, pacing, motion and interaction comprise this intermediate-level course. Assignments enable students to create portfolio-ready projects that include: logos, lower-thirds, and credit rolls that incorporate 3-D elements. Prerequisite: GRA2168C

Course Competencies

Competency 1: The student will produce intermediate-level motion designs by:

1. Controlling temporal and spatial timing in animation projects
2. Using advanced camera movements
3. Compositing 3-D models and animation with video footage

Competency 2: The student will output intermediate-level composites.by:

1. Compositing video footage with digital generated graphics and at least two or more images applied
2. Compressing files for print, web or video environments
3. Controlling output render passes for compositing

Competency 3: The student will output intermediate-level visual effects by:

1. Compositing video footage with digital effects and at least one or more images applied
2. Compressing files for print, web or video environments
3. Controlling output render passes for compositing

Learning Outcomes:

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Demonstrate knowledge of diverse cultures, including global and historical perspectives
- Use computer and emerging technologies effectively
- Demonstrate an appreciation for aesthetics and creative activities