## **COMPUTER GAMING MINOR**

## **Contact**

Rebecca Ruige Xu, Program Coordinator 102 Shaffer Art Building, 315-443-1033, rxu@syr.edu

## **Description**

The minor in computer gaming creates a focus for students interested in the practical, social, and theoretical aspects of computer/video games. The Core Requirements comprise technical and theoretical foundation courses while the Advanced Core Requirements allow students to further deepen their study of computer gaming.

## **Student Learning Outcomes**

- 1. Technical Skills Demonstrate technical skills in Computer Gaming
- Conceptual Skills Demonstrate conceptual skills in Computer Gaming
- 3. Critical Thinking Articulate thoughts and concepts clearly and effectively through computer gaming projects/artworks
- 4. Integration of Skills Conceptualize and realize computer gaming projects/artworks
- Collaboration Skills Realize projects in computer gaming as part of creative teams

| Code                                  | Title                                      | Credits |
|---------------------------------------|--|---------|
| Core Requirements                     |  |         |
| Select nine credits of the following: |  | 9       |
| CAR 101                               | Introduction to 3D Animation               |         |
| CAR 111                               | Introduction to Programming for Visual Art |         |
| CAR 201                               | Intermediate 3D Animation                  |         |
| CAR 230                               | Topics in Computer Gaming I                |         |
| CIS 425                               | Introduction to Computer Graphics          |         |
| ENG 146                               | Interpretation of New Media                |         |
| Advanced Core Requirements            |  |         |
| Select 12 credits of the following:   |  | 12      |
| CAR 330                               | Topics in Computer Gaming II               |         |
| CAR 430                               | Computer Art Seminar                       |         |
| CAR 530                               | Special Topics in Digital Art              |         |
| CSE 483                               | C# and Windows Programming                 |         |
| ENG 410                               | Topics in Forms and Genres                 |         |
| ENG 440                               | Topics in Theorizing History and Culture   |         |
| Total Credits                         |  | 21      |