Minor in **Game Design**

**Offered by:** The Department of Computer Science

**Administered by:** The Department of Computer Science; 110 Gates Hall

**Contact Person:** Nicole Roy, 3110E Gates Hall, 255-0982, nsr1@cornell.edu

**Eligibility:** Students in the following colleges may participate in the Minor: Agriculture and Life Sciences · Architecture, Art, and Planning · Arts and Sciences* · Engineering* · Hotel Administration · Human Ecology · Industrial and Labor Relations

*Computer Science majors cannot apply courses from the CS-focused list to the Game Design Minor.

**Educational Objectives:** This minor is for students who anticipate that game design will have a prominent role to play in their academic and professional career.

**To Apply for a Game Design Minor:**
- Complete the form on the second page of this document: *Application to Certify Completion of a Minor*
- Obtain an official transcript from the University Registrar’s Office in B7 Day Hall;
- Attach a copy of your transcript on which you have highlighted or underlined each course used for the minor;
- Submit the form and the transcript to the Computer Science Undergraduate office, 110E Gates Hall.

**REQUIREMENTS**

*To complete the minor, the student must take at least six (6) courses (18 credit minimum) chosen as follows:*

**Required Courses**

- CS/INFO 3152 (formerly CIS 3000) Introduction to Computer Game Architecture/Design
- CS/INFO 4152 (formerly CIS 4002) Advanced Topics in Computer Game Architecture/Design

**Additional Courses - Choose four of the following courses:**

*CS-focused courses:*
- CS / ENGRD 2110: Object-Oriented Programming and Data Structures
- CS 4620/ARCH 3704: Introduction to Computer Graphics
- CS 4700: Foundations of Artificial Intelligence
- CS 5625: Interactive Computer Graphics
- CS 5643: Physically Based Animation for Computer Graphics

*Other courses:*
- ART 2701: Introduction to Digital Media
- ART 3704: Interactive Digital Media
- COMM 4220: Psychology of Entertainment Media
- ECE 4760: Digital Systems Design Using Microcontrollers
- INFO/COMM 2450: Communication and Technology
- INFO/COMM 3450: Human-Computer Interaction Design
- INFO/COMM 4400: Advanced Human-Computer Interaction Design
- MUSIC 2421: Performing with Computers
- MUSIC 3421: Scoring the Moving Image [next offered 2013/2014]
- MUSIC 3431/PMA 3680: Sound Design and Digital Audio
- SOC 4340: Online Social and Information Networks

**Academic Standards:** A letter grade of C or better is required for each course in the concentration.
Application to Certify Completion of a Minor
(To be submitted after all applicable coursework has been completed or in final undergraduate semester, whichever comes first.)

I. Applicant’s Information--Please supply the following:

Name: ________________________________________________ Cornell ID# ___ ___ ___ ___ ___ ___

Email Address: _________________________________________ Phone: ____________________________

Major: ___________ Faculty Advisor: ______________________ Graduation Date (month/year): ___ / ___

Minor applying for: ___________________________________________

Year of Cornell Courses of Study/Engineering Handbook used for verifying minor: ______________________

II. Courses Applying to Minor--Please list each course you have taken which will apply to the program - as described on the reverse of this form. Include the semester/year in which you completed each course, as well as the grade and number of credits you received.

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III. Transcript—Please attach a copy of your official transcript on which you have highlighted or underlined each of the courses listed above.

IV: Please sign below and submit this completed form to the Administrative Contact for the department offering the minor: By signing, you certify that the information supplied on this form and transcript is accurate and that you have completed the necessary coursework and complied with the terms of the minor program.

Student’s signature: ___________________________________________________________ Date: __________________

For use by the Administrative Contact Only:

Administrative Contact certifying: ___________________________ Date: __________________

Original-- Registrar of student’s college

Copies: Student, Undergraduate Coordinator of student’s major program, Undergraduate Coordinator of student’s concentration program.