

Minor in Game Design

Offered by: The Department of Computer Science

Administered by: The Department of Computer Science; 303 Upson Hall

Contact Person: Nicole Roy, 303 Upson Hall, 255-0982, nicole@cs.cornell.edu

Eligibility: Students in all Engineering majors participate in the **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:

- Obtain the form *Application to Certify Completion of a an Engineering Minor* from 303 Upson Hall.
- Obtain an official transcript from the University Registrar's Office in B7 Day Hall.
- Complete form and attach the 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, 303 Upson Hall.

REQUIREMENTS

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

Required Courses

CIS 3000	Game Design
CIS 4002	Game Design II

Additional Courses - Choose four of the following twelve courses:

CS-focused courses:

CS/ENGRD 2110: Object-Oriented Programming and Data Structures

CS 4450: Computer Networks

CS 4620/ARCH 3704: Introduction to Computer Graphics

CS 4700: Foundations of Artificial Intelligence

CS 5620: Interactive Computer Graphics

CS 5643: Physically Based Animation for Computer Graphics

Other courses:

CIS 5640/ART 2730 (CS 5640 not allowed): Advanced Animation

COMM 4220: Psychology of Entertainment

ECE 4760: Designing with Microcontrollers

INFO/COMM 3450: Human-Computer Interaction Design

INFO/COMM 4400: Advanced Human-Computer Interaction Design

PSYCH 3420/COGST 3420/VISST 3342: Human Perception: Applications to Computer Graphics, Art, and Visual Display

Academic Standards: A letter grade of C or better is required for each course in the concentration.

CS majors cannot take courses from the *CS-focused list* for the Game Design Minor.

Application to Certify Completion of an Engineering Minor

(To be submitted after all applicable coursework has been completed.)

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

Name: _____

Cornell ID# _____

Email Address: _____

Phone: _____

Major: _____ Faculty Advisor: _____ Projected 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 engineering minor 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.

NOTE: The minor must be offered by a department other than that which offers your engineering major(s), and is contingent upon successful completion of Bachelor of Science degree requirements..

<u>Dept./Course Number</u>	<u>Semester/Year Completed</u>	<u>Credits</u>	<u>Grade</u>
1 _____			
2 _____			
3 _____			
4 _____			
5 _____			
6 _____			

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 & transcript 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 engineering minor program.

Student's signature: _____ Date: _____

For use by the Administrative Contact:

Administrative Contact certifying minor: _____ Date: _____

Original--Engineering Registrar

Copies: Student, Undergraduate Coordinator of student's major program, Undergraduate Coordinator of student's minor program.