



April 11, 2006

Jessica Mercerhill
Arts and Science Curriculum Office
105 Brown Hall
190 W. Seventeenth Ave.
Columbus, Ohio 43210

Dear Jessica:

The Advanced Computing Center for the Arts and Design (ACCAD) is requesting a permanent/new course number for "**3D Computer Animation: Form, Light, and Motion**", Arts College 749. This will be a 5 credit hour, graduate level course.

This course is designed as an interdisciplinary approach to applications in modeling, animation and rendering. It is specifically geared towards graduate students that have a research trajectory in place and an interest in 3D modeling and animation as a tool for visualization, interactive media, design, or other uses specific to their discipline. Software tools will be introduced without prerequisite experience and projects assigned during the course will accommodate students interested in building upon a progressive sequence in which they may produce a work related to their area of research.

This course is essential to a variety of specialized courses offered at ACCAD. Embracing the growth of diverse and multidisciplinary applications for computer graphics in design, performance, fine arts, and sciences, courses at ACCAD span forms of computer graphics and animation ranging from screen-based display to human-machine interfaces of physical computing.

ACCAD currently offers intensive courses in each of the three primary areas of computer animation production: modeling (ARTS COL 751, Form Visualization), animation (ARTS COL 750, Expressive Motion), and rendering (ARTS COL 752, Digital Cinematography). Students interested in incorporating aspects of computer animation in their research may not require the complete series of courses being offered, as would those students specifically studying Computer Animation and Visualization. This proposed course would be designed to satisfy many of those needs within a single course offering, providing students with a basic but well-rounded experience. Students studying at ACCAD have routinely requested such a course and this proposed course directly responds to their requests.

The course also serves as a launching point for students interested in a full experience in 3D animation. The overview graduate students will receive in the proposed course will prepare them for topics offered in the three existing courses.

Thank you for considering this request.

Sincerely,

Maria Palazzi
Director, ACCAD
Associate Professor, Design

college of the arts