Florida Institute of Technology

ADDING A NEW COURSE TO THE CURRICULUM

This course is available for student registration only after the approval process has been completed.

Subject CSE Course No. 4260 Credit Hours 3 Term to be added to the file Spring 2007
Alpha Prefix (e.g., CSE) Number Choice (e.g., 1201) (e.g., Fall 2007)

Class Hours 3 Lecture Hours 3 Lab Hours 0 Contact Hours (CEU only)

Department Computer Sciences Schedule Type Lecture
(e.g., Computer Sciences) (e.g., lecture, lab or special project)

College/School
☑ College of Aeronautics-23 ☐ College of Psychology and Liberal Arts-25
☐ College of Business-24 ☐ College of Science-26
☒ College of Engineering-01 ☐ University College/SEGS-90
(Please check appropriate box)

Computer Title (restricted to 25 spaces, including blanks) Comp Graphics Algorithms
Catalog Title Computer Graphics Algorithms

Catalog Description of Course (limited to 350 characters, including spaces)
Introduces computer graphics algorithms, software and hardware. Includes ray tracing, the graphics pipeline, transformations, texture mapping, shading models, sampling, global illumination, splines, animation and color models. Programming format in course provides sufficient background to write computer graphics applications.

In addition, you may attach a course syllabus and/or more detailed description.

Restrictions ☑ Prerequisite CSE 2010 OR ☑ Corequisite (course number) Grades to be issued
☑ Prerequisite CSE 2552 ☐ Corequisite (course number) ☐ A, B, C, D, F
☑ Prerequisite (course number) ☐ Corequisite (course number) ☐ U, S
☑ (course number) ☐ Corequisite (course number) ☐ P, F
☐ Corequisite (course number) ☐ Other

Additional Restriction
(e.g., major, class level, department head approval)

If this course replaces a course currently offered in BANNER, please indicate old course information

Subject Alpha Prefix (e.g., CSE) Course No. (e.g., 1301)

APPROVALS
Upon completion of appropriate department approvals, submit form to Chair, Graduate Council, or Chair, Undergraduate Curriculum Committee for approval below and forward to Catalog Coordinator.

Organizer [Signature] 06/26/06
Date

Chair, Graduate Council Date

Department Head/Program Chair [Signature] 06/26/06 OR

Chair, Undergraduate Curriculum Committee Date

Dean of Associate Dean [Signature] 7-6-06

Date

CATALOG COORDINATOR
[Signature]

REGISTRAR'S USE ONLY
SCACRSE SCADERL SCAPREQ SCABASE
SCAPRFS Operator Init Date

Florida Institute of Technology - Office of the Registrar
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