

ETD 2364C
Introduction to SolidWorks
2013

Class Meets: Tuesday 5:00
Instructor's Name: Justin Erickson
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Office Hours:
Email Address: ericksoj@manateeschools.net
Department Web Page: <http://www.scf.edu/Academics/CareerTechnicalEducation/EngineeringTechnology.asp>
<http://justinderickson.com/>
SCF Library: http://www.linccweb.org/Discover?lib_code=FLCC1500
Academic Resource Center: <http://www.scf.edu/StudentServices/AcademicResourceCenter/default.asp>
Student Services: <http://www.scf.edu/StudentServices/>

COURSE DESCRIPTION

This course is an introduction to the new designing techniques and capabilities of solid modeling using the SolidWorks software. Topics include the integration of advance parametric solid modeling drawing tools into SolidWorks. Additional special fee is required.

PERFORMANCE STANDARDS

The student, at the successful completion of this course, should be able to:

1. The student will understand the procedures of using the interface.
2. The student will understand the basic functionality of SolidWorks software.
3. The student will develop a drawing in SolidWorks.
4. The student will understand how parts and assemblies are related.
5. The student will understand the placement of the standard Toolbox parts in assemblies.
6. The student will understand the techniques of revolve, sweep, and loft features.
7. The student will understand basic drawing concepts of parts and assemblies.

TEXT AND MATERIALS

http://www.cudacountry.net/html/solidworks_toc.html

http://www.richardplatt.net/training/dragster3d/solidworks_movies.html

<http://www.solidworks.com/>

ATTENDANCE POLICY

Attendance is measured in assignments. Failure to submit four assignments by the due dates can result in withdrawal from the course. There are 8 face-to-face meetings, attendance at these meetings is mandatory and will count as an assignment grade. All assignments close on the due dates and will not be reopened.

Assignments

Week 1- Watch Orientation to SolidWorks and complete videos 1-21 and update portfolio

Week2- Complete videos 22-42 and update portfolio

Week 3- Complete videos 43-63 and update portfolio

Week 4- Complete videos 64-84 and update portfolio

Week 5- Complete videos 85-105 and update portfolio

Week 6 – Complete videos 106-126 and update portfolio

Week 7- Complete videos 127-147 and update portfolio

Week 8 – Complete videos 148-168 and update portfolio

Assignments are subject to change based upon class pace.

GRADING POLICY

Group Project 30% Exams Above 90% A 80 – 89% B
20% Homework 20% 70 – 79% C 60 – 69% D
Quizzes 20% Final 10% Below 60% F
100%

Communication

Email @ ericksoj@manateeschools.net Cell: 941-284-4346

Statement of Plagiarism: Plagiarism is the use of ideas, facts, opinions, illustrative material, data, direct or indirect wording of another scholar and/or writer—professional or student—without giving proper credit. Expulsion, suspension, or any lesser penalty may be imposed for plagiarism.

Standards of Conduct:

- Students are expected to abide by all SCF Student Handbook guidelines

Technical Support: Help for ANGEL, our course management system, is available 24/7

at <https://embanet.frontlinesvc.com/app/home/p/150>. (Add any additional support information as appropriate to your course)

Withdrawal Policy: In accordance with the State College of Florida policy, as stated in the college catalog, students may withdraw from any course, or all courses, without academic penalty, by the withdrawal deadline listed in the State College of Florida academic calendar. This semester, the withdrawal date is _____. Students should take responsibility to initiate the withdrawal procedure but are strongly encouraged to talk with their instructors before taking any withdrawal action. In addition, students should note that faculty may also withdraw students for violating policies, procedures or conditions of the class, as outlined in individual class syllabi, and such action could affect financial aid eligibility.

Additional information: This may include information about specific learning experiences the instructor requires (attending performing arts events, service learning components, etc.); additional support for students (lab availability, etc.); communication channels for students having difficulties; computer ethics; specific information relevant to special format classes; additional resources (bibliographies, web pages, etc.); brief notes about how to study for the course; etc.

Accommodation Services:

State College of Florida, Manatee-Sarasota, in accordance with the Americans with Disabilities Act will provide classroom and academic accommodations to students with documented disabilities. If you need to request an accommodation in this class due to a disability, or you suspect that your academic performance is affected by a disability, please see me or contact the Disability Resource Center (DRC). The DRC is located in 300-326 on the Venice campus and in the Student Services Center (01-219) on the Bradenton campus. The phone number is 941-408-1448 Ext # 61448 (TTY 941-480-3420) on the Venice campus and 941-752-5295 Ext # 65295 (TTY 941-751-8179) on the Bradenton campus. Paperwork must be completed at least one week before a scheduled exam. The link is <http://www.scf.edu/StudentServices/DisabilityResourceCenter/default.asp>