

3D Modeling 35S

recommended for students in grades 10, 11 or 12

$\frac{1}{2}$ Credit Course Signup Form

About the Course

The purpose of the course is to provide students with the skills and knowledge to use software to create three-dimensional models that represent real objects or illustrate ideas.

Online and Independent Study

Students in this course will work independently on this course on their own time. There will be learning resources made available electronically. There will be assignments and tests. The final project will be evaluated by the ICT teacher for ICT skills, and by a teacher in another subject for the content requirements of that class. Mr. Hutton will be available to help guide the learning through email, a class website, and certain hours and lunches in room 50 computer lab.

Agreement

By signing up for this course you agree to:

- work independently and self motivated during a spare, at lunch, and/or at home
- Work through learning resources provided
- Submit assignments electronically on due dates
- Submit final project to ICT teacher and to teacher of other subject.

(Keep above this line for your records)

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By signing up for this course you agree with agreement above (and on back):

Project will be done for which other class:		Other Teacher Name
Short Project Description:		
Student Name:	Parent/Guardian Name:	Phone #:
Student Email:	Parent/Guardian Email:	Alternate Phone #:
Parent/Guardian Signature:		

Please return to Mr. Hutton in room 50. You will receive an email confirmation shortly with further information.

3D Modeling Course Outcomes

Students will be able to:

- add meshes of a variety of shapes
- edit a mesh - add/remove/move vertices
- rotate and scale meshes
- extrude vertices to create custom shapes
- subdivide vertices
- color an object
- position camera view
- add texture
- smoothing
- use timeline and keyframes to create an animation sequence
- render images and video output of 3D objects and animations
- design a 3D model or animation based on audience and purpose

For more information visit www.mysci.ca/ict or email jhutton@sunrisesd.ca

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