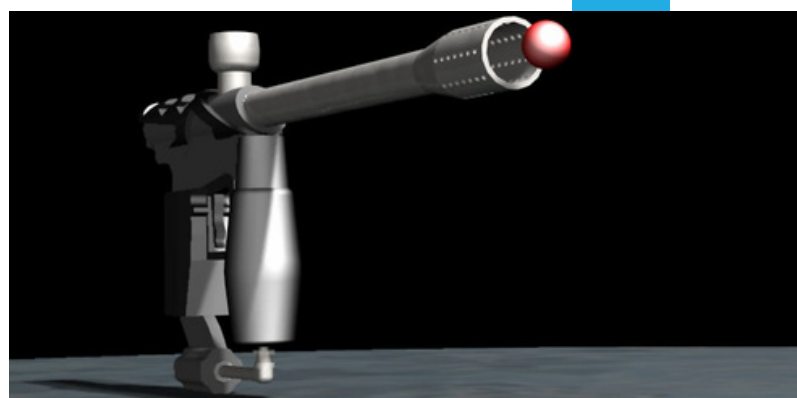
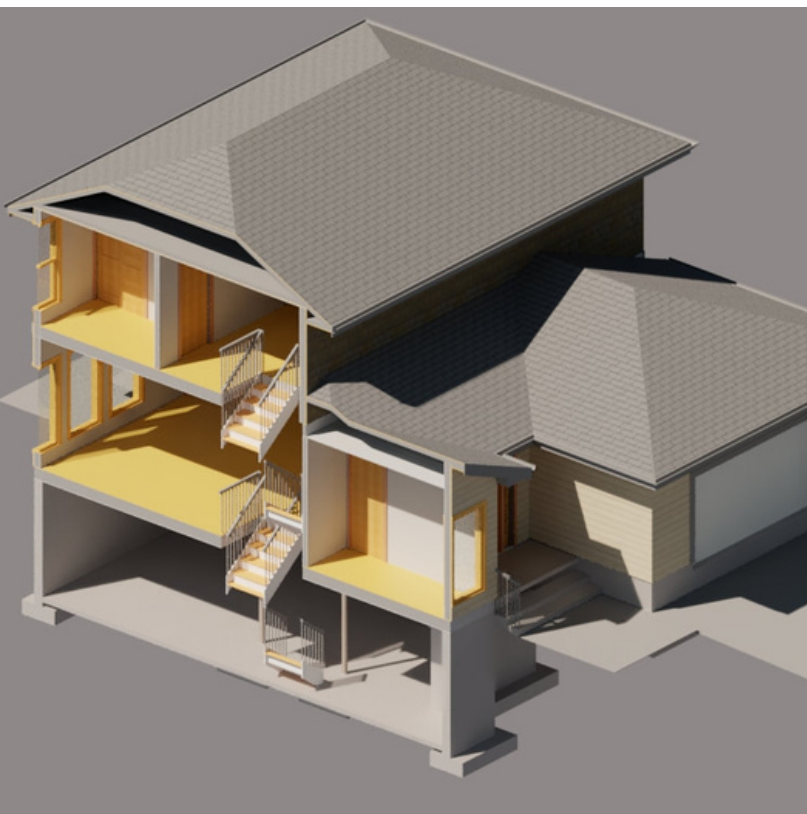


## 3D DESIGN - ENGINEERING / ARCHITECTURE

Abbotsford is a leader in 3D Design – we were the first school district in North America to have a 3D printer...in 2005! Design your own cars, jets, houses or jewelry, with the latest 3D modeling software. Take your models home after printing them in the 3D printer! Use the latest current industry standard 3D modeling software used by engineers, architects and designers. Learn drafting skills and be a part of one of the most advanced design and modeling programs in the country. The focus of this course is creative problem solving and personal design.

- Students learn advanced skills on Industry Standard hardware and software
- Past participants and winner of international **SIEMENS** Design Competition





# PROGRAM DETAILS

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Students quickly progress from the basics to advanced techniques in courses tailored to engineering or architectural applications...

## **Architectural**

Use computer programs such as AutoCad and Solid Edge to design houses and commercial buildings. Projects include the design and development of a full set of floorplans, elevations, cross sections, wall details, site plans, and modeling. The use of 3D computer Programs allows the students the opportunity for a computerized walk through or a 3D presentation

## **Mechanical / Engineering**

Using Solid Edge and AutoCad design and draw parts that would be manufactured and assembled to complete larger projects. Learn advanced orthographic drawing skills, isometric drawing, 3D drawing and rendering, advanced modeling, and production techniques. This is an excellent course for those who are looking at careers in the engineering, design, and manufacturing industries

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## **MORE INFORMATION**

"For more information contact [international@abbyschools.ca](mailto:international@abbyschools.ca)  
<https://international.abbyschools.ca>