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# 1. Design guide

## 1.1. Prerequisite

SolidWorks is a 3D CAD software system. The program is used to design and test parts. SolidWorks has a render extension which makes it possible to make picture like images from the 3D models.

Student edition: <https://store.solidworks.com/studentstore/default.php?command=Step1>

Download: [https://www.solidworks.com/sw/education/SDL\\_form.html](https://www.solidworks.com/sw/education/SDL_form.html)



For a student license: Mechanical Engineering has licenses which can be used. Ask at T1 for more information.

Install SolidWorks following their install guide.



It might be useful to look at <http://www.3dleerlijn.nl/solidworks-leren-gebruiken/> for learning the basics.