

## DIGITAL INDUSTRIES SOFTWARE

# Simcenter 3D Student Edition

Enabling aspiring engineers to gain experience using a leading multidiscipline simulation platform

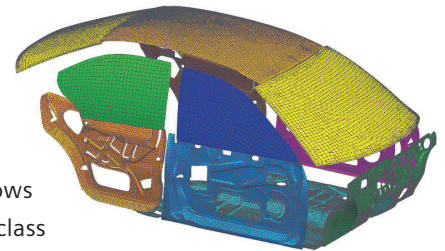
### Benefits

- Gain experience using a platform for multidiscipline simulation used in industry, including structural, dynamic, thermal, acoustic, electromagnetic, motion and multiphysics performance
- Investigate product performance virtually to test designs without creating physical prototypes
- Receive a free license for Simcenter 3D, including the modeling environment and all integrated solvers, including Simcenter Nastran

### Summary

Engineering is an exciting, challenging and rewarding discipline that offers a diverse range of careers. Driven by the need to improve designs, shorten design cycles and reduce costs, engineers in industry are increasingly using simulation to design, validate and test complex products. The Simcenter™ 3D software Student Edition will give you access to a multi-discipline simulation platform that is used by thousands of engineers in industry today.

Engineering simulation is also a key enabler of engineering education. It allows students to apply the theory learned in class and to explore and improve project designs using industry-standard software. With advanced 3D simulation technologies and a comprehensive range of computer-aided engineering (CAE) applications, Simcenter 3D offers new methods that increase realism and deliver better insight into a product's performance.

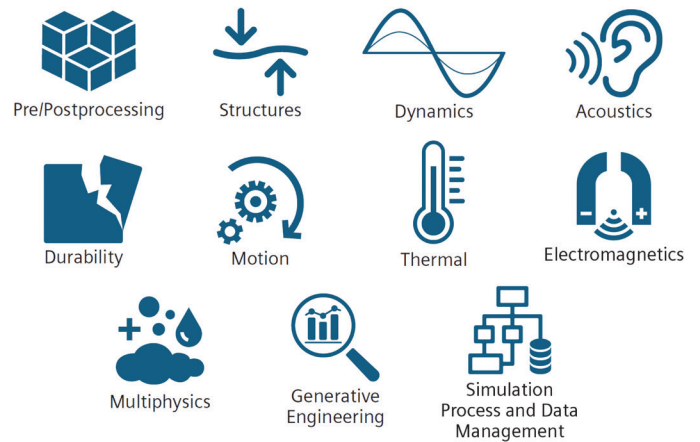


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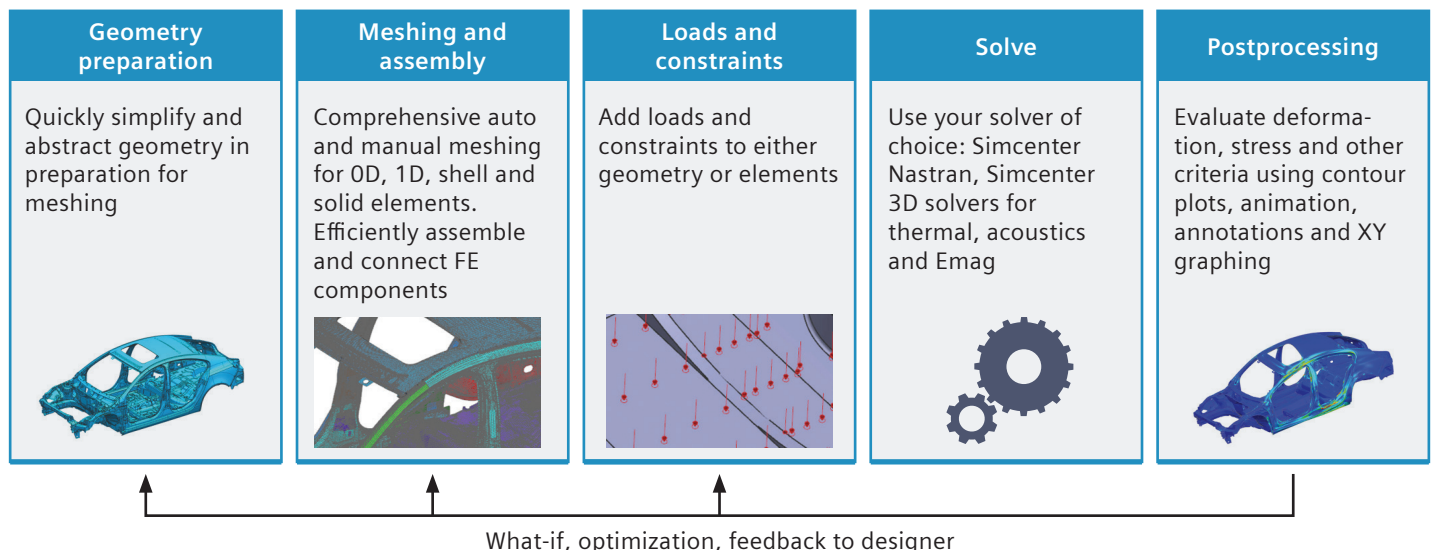
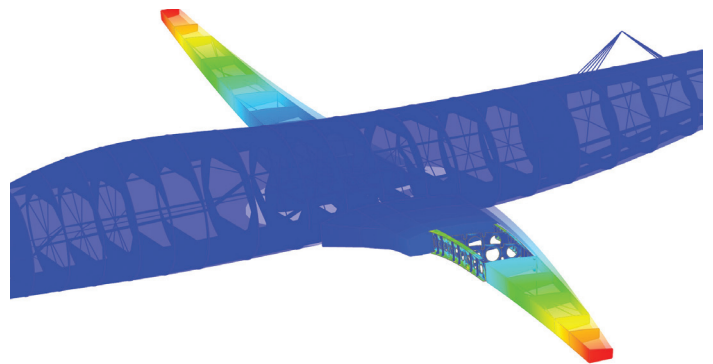
## What is included

The Simcenter 3D Student Edition is free to all students enrolled in formal education and includes the same comprehensive CAE modeling and analysis technology used by engineers and analysts in industry around the world. Simcenter 3D Student Edition includes an integrated environment for simulation modeling and the solvers needed to perform structural, dynamic, durability, acoustic, thermal, electromagnetic, motion and multiphysics analyses. Simcenter 3D Student Edition includes the Simcenter Nastran solver that has been used by structural analysts for decades. Simcenter 3D is a comprehensive simulation solution that can help you evaluate and solve complex engineering problems.



## Features

- Centralized engineering environment supporting multidiscipline simulation solvers
- Simulate designs for structural, dynamic, thermal, acoustic, electromagnetic, motion and multiphysics performance
- Use computer-aided design (CAD) data from NX™ software and automatically keep your simulation models in sync with geometry changes
- Review calculated results data and visually and graphically evaluate model behavior



## Delivering value to students

### Licensing

The Simcenter 3D Student Edition is available at no cost to any active student attending any academic institution such as accredited universities, technical colleges, trade and secondary schools. The Simcenter 3D Student Edition is intended for academic course work. Files created in the Student Edition cannot be opened in commercial versions of Simcenter 3D and structural model sizes are limited to 100,000 nodes.

### Supporting students

Siemens understands the challenges faced by students and the importance of using the latest industry-leading technology. With the Simcenter 3D Student Edition, Siemens is investing in the next generation of product engineers and analysts and helping create the future workforce for our partners and customers.

### Training and support

Simcenter 3D, which along with NX and Solid Edge are part of the Siemens Xcelerator business platform of software, hardware and services, includes online, step-by-step tutorials that cover many aspects of finite element modeling (FEM) and analysis. Support is provided via a dedicated online forum.

You can also find valuable resources at the following links:

[Getting Started with Simcenter 3D](#)  
(Siemens Xcelerator Academy)

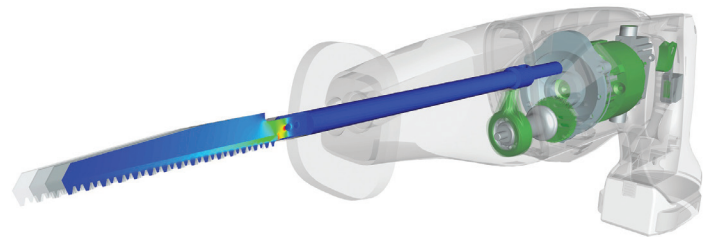
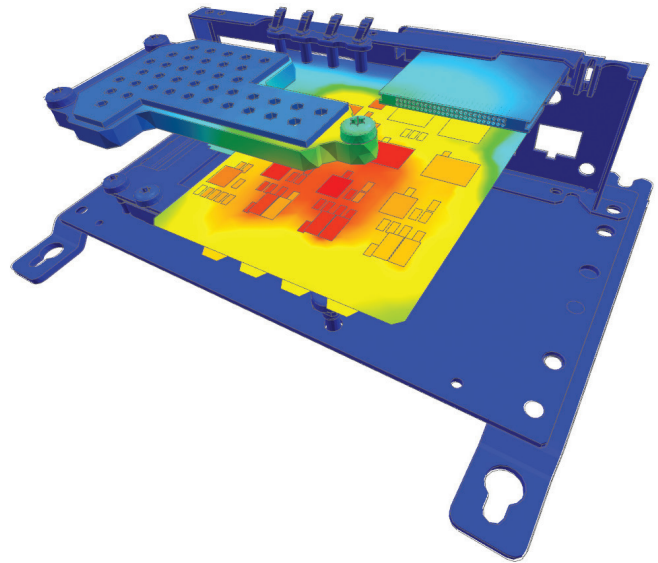
[Siemens Xcelerator Academy: Academic membership FAQ and instructions](#)

[Simcenter 3D – Getting Started Playlist \(YouTube\)](#)

[Simcenter 3D Tips and Tricks videos](#)

[Simcenter 3D Community](#)

[Simcenter 3D Blogs](#)



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