ITLL Temp Info Pages

- Software
- SolidWorks FAQ
- Hours & Location
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- Undergraduate Student Job Opportunities

Software

Find a program to help you design, analyze, or scale your project. Most open-source software is publicly available, while other programs may be licensed through the university or may require an ITLL account.

Contact the IT department for any software-related questions.

Notes

> **LabVIEW Users:** If you are running Windows on Mac hardware via Bootcamp, contact NI Technical Support at <technical.support@ni.com> to activate LabVIEW.

Available Software

On all ITL Program Computers	Via CEAS Cloud Computing	For Current CEAS Students	For the General Public
7-Zip	Yes	–	Publicly Available
Adobe Acrobat Reader	Yes	–	Publicly Available
Advanced Aircraft Analysis	Yes	–	–
Altium Designer	Yes	–	Publicly Available
Ansys	Yes	–	–
Ansys Electronics Desktop	Yes	–	–
Arduino IDE	Yes	–	Publicly Available

AutoCAD (Autodesk)	Yes	Get License	–
AutoCAD Plant 3D	Yes	Get License	–
Autodesk Revit	Yes	Get License	–
Blender	No	–	Publicly Available
CorelDRAW	No	–	–
Cura (Lulzbot)	No	–	Publicly Available
Darktable	No	–	Publicly Available
Digilent Waveforms	No	–	Publicly Available
EAGLE	Yes	Get License	–
EES	Yes	Get License	–
Git Client (GUI/Bash)	Yes	–	Publicly Available
GMAT	Yes	–	Publicly Available
Google Chrome	Yes	–	Publicly Available
Google Drive	Yes	–	Publicly Available
HyperLynx	Yes	–	–
Java Runtime	Yes	–	Publicly Available
KeySight ADS	Yes	–	–
KiCAD	Yes	–	Publicly Available
Logger Pro	Yes	Get License	–
LTSpice	Yes	–	Publicly Available

LabVIEW	Yes	Get License	–
Mathematica	Yes	Get License	–
MATLAB	Yes	Get License	–
Microchip Studio	Yes	–	Publicly Available
Microsoft Edge (Chromium)	Yes	–	Publicly Available
Microsoft Office	Yes	Get License	–
Microsoft OneDrive	Yes	–	Publicly Available
MPLAB X IDE	Yes	–	Publicly Available
MPLAB XC8 Compiler	Yes	–	Publicly Available
MVPStats	Yes	–	–
NI Multisim	Yes	–	–
Notepad++	Yes	–	Publicly Available
PuTTY	Yes	–	Publicly Available
Python	Yes	–	Publicly Available
Quartus Lite	No	–	Publicly Available
RealTerm	Yes	–	Publicly Available
Saleae Logic Software	Yes	–	Publicly Available
SIMetrix	Yes	–	Publicly Available
SolidWorks	Yes	Get License*	–

STK	Yes	–	–
STM32CubeIDE	Yes	–	Publicly Available
Tera Term	Yes	–	Publicly Available
Visual Studio Code	Yes	–	Publicly Available
VLC Media Player	Yes	–	Publicly Available
wepa Print Application	Yes	–	–
Xilinx Design Tools	Yes	–	Publicly Available

Raspberry Pi Resources

Package Category	Project Name	Version	Download
Raspberry Pi	Raspbian Stretch	2017-11-29	Download
Raspberry Pi	NOOBS	2.4.5	Download

Contact Information:

Integrated Teaching & Learning Program

- 1045 Regent Drive, 522 UCB
- Boulder, CO 80309
- Phone: 303-492-7222
- Email: <itlp@colorado.edu>

College of Engineering & Applied Science

- Phone: 303-492-5071

- Email: <cueng@colorado.edu>

Links

- CEAS Cloud Computing: https://www.colorado.edu/engineering/cloudcomputing

SolidWorks FAQ

The ITLP SolidWorks Guide provides licensing, installation, troubleshooting, and support information for students and faculty using SolidWorks through the University of Colorado Boulder.

Before Getting Started

> **SolidWorks is always available for CEAS affiliates via CEAS Cloud Computing**, accessible through most web browsers regardless of operating system.
>
> Access CEAS Cloud Computing:
>
> https://www.colorado.edu/engineering/cloudcomputing

Step 1: Access and License

General Access and Eligibility

Q: Who can get access to SolidWorks at CU Boulder?

A: Generally, College of Engineering and Applied Sciences students and teaching faculty are eligible for the ITLP-provided SolidWorks license. Some exceptions may be made for campus clubs and organizations and are handled on a case-by-case basis.

Version Information

Q: What version of SolidWorks is currently supported?

A: Current Supported Version: **SolidWorks 2026 Student Edition**

Requesting the License Key

Q: How do I request a SolidWorks license key?

1. Complete the **ITLP Software License Request** form.

2. A license key and installation instructions will be emailed to you.

Q: How soon will I receive my license key?

A: License approvals typically synchronize overnight. You may need to wait up to **one business day** to receive your license key if the request is submitted later in the day.

Q: I lost my license email or need another key. What should I do?

A: You may submit another license request using the same form.

If you have requested keys more than twice in a given year, you may need to submit an ITLP IT ticket:

https://itlp-helpdesk.colorado.edu/helpdesk/KB

Step 2: Installation

Installation and Technical Issues

Q: What if I'm having trouble installing SolidWorks?

A: Common installation issues include:

- Not removing older versions before upgrading
- Saving projects to locations such as OneDrive that can cause version conflicts
- Certain modules or add-ins causing installation failures

If you get stuck:

- Windows Users: Make sure you have local administrator privileges, the correct version (year) of the license key, and downloaded the complete installer.
- Mac Users: SolidWorks does not natively support macOS. You must use Boot Camp or a Virtual Machine (VM)/Parallels. Support for VM-related issues through Buff Techs is limited.

> **Tip:** If you cannot install SolidWorks locally, use CEAS Cloud Computing:
>
> https://www.colorado.edu/engineering/cloudcomputing

Q: Do I need to remove old SolidWorks versions?

A: Yes. ITLP recommends completely uninstalling older SolidWorks versions and removing leftover installation files before installing a newer version. Please consult this guide:

https://www.goengineer.com/blog/complete-solidworks-clean-uninstall-guide

Q: What version should I install?

A: Install the version listed in the **Version Information** section.

Currently:

SolidWorks 2026 Student Edition

My serial number doesn't work. What should I do?

1. Verify you are using the exact key provided by ITLP.
2. Check that no conflicting SolidWorks installation exists.

If problems continue, submit an IT ticket:

http://itll.link/servicedesk

> **Important:** You must be on the CU network or connected through the CU VPN to access the ticketing system.

CU VPN:

https://oit.colorado.edu/services/network-internet-services/vpn

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Troubleshooting and Support

Q: Where can I get additional help?

A: ITLP IT Support - Submit a support ticket: https://itlp-helpdesk.colorado.edu/helpdesk/KB

Note: Access requires the CU network or VPN.

A: Buff Techs Support (for personal device troubleshooting): https://oit.colorado.edu/support/buff-techs-desktop-support

> Support for Virtual Machines is limited.

Other FAQs

Using Custom CU Templates

Q: How do I import department or lab drawing templates?

A: Many programs (such as Idea Forge or Mechanical Engineering) distribute ZIP archives containing standardized templates.

Steps:

1. Download the template files
2. Extract them to a local folder
3. Configure SolidWorks file locations:

Tools > Options > System Options > File Locations

4. Point SolidWorks to the folder containing the templates

Q: How do I install additional add-ins such as Simulation or CAM?

A: During or after installation you can enable or disable add-ins through the SolidWorks **Add-Ins** dialog.

Post-Graduation Access

Q: Can I continue using my license after graduation?

A: No -- CU Boulder’s agreement with Dassault Systèmes does not permit post-graduation use of the university-issued SolidWorks license. Graduates requiring ongoing access must purchase a personal or commercial license directly from SOLIDWORKS or an authorized reseller.

SolidWorks Certification

Q: Does the university support SolidWorks certifications?

A: Yes -- Some departments and instructors encourage students to pursue SolidWorks certifications.

Resources:

- SOLIDWORKS Student Access: https://www.solidworks.com/support/student
- Contact your department for guidance on certification preparation resources.

Useful Links

Resource	Link
CEAS Cloud Computing	https://www.colorado.edu/engineering/cloudcomputing
ITLP Software License Request	https://itll.colorado.edu/requests/view/Software%20License%20Request/SoftwareRequestForm
ITLP IT Service Desk	https://itlp-helpdesk.colorado.edu/helpdesk/KB
CU VPN	https://oit.colorado.edu/services/network-internet-services/vpn
Buff Techs Support	https://oit.colorado.edu/support/buff-techs-desktop-support
SolidWorks Student Access	https://www.solidworks.com/support/student

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- Email: itlp@colorado.edu

College of Engineering & Applied Science

- Phone: 303-492-5071
- Email: cueng@colorado.edu

Licensing eligibility, software versions, and support procedures are subject to change. Contact ITLP IT for the most current information.

Hours & Location

ITL Laboratory Hours and Access

Effective Thursday, August 20, 2026

ITLL Public Building Hours

Days	Hours
Monday – Friday	8:00 AM – 5:30 PM

Extended Buff OneCard Access

Access with Completion of the ITLL In-Person Orientation Tour

Days	Hours
Monday – Thursday	7:30 AM – 11:00 PM
Friday	7:30 AM – 8:00 PM
Saturday	CLOSED
Sunday	2:00 PM – 11:00 PM
Project Vault	24/7

> *Hours exclude University holidays, break periods, and closures.*

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- Email: cueng@colorado.edu

Staff Directory

Contact Information

Integrated Teaching & Learning Program (ITLP)

- Email: itlp@colorado.edu
- Phone: 303-492-7222
- Website: https://itlp.colorado.edu/

For general questions or assistance, ITLP recommends contacting the main office rather than individual staff members.

Leadership

Name	Position
Kai Amey	Director, Integrated Teaching & Learning Program

Engineering

> General Engineering Consultation Scheduling: https://calendly.com/itlp

Name	Position	Calendar	Make an Appointment
Lauren Darling	Engineering Lab Manager	https://itlp.link/ld-calendar	https://itlp.link/ld-appointment
Rachel Sharpe	Engineering Lab Manager	http://itlp.link/rs-calendar	https://itlp.link/rs-appointment

Name	Position	Calendar	Make an Appointment
Claire Porter	Senior Engineering Projects Consultant	http://itlp.link/cpo-calendar	http://itlp.link/cp-appointment
Nora Spicher	Engineering Projects Consultant	http://itlp.link/ns-calendar	http://itlp.link/ns-appointment
Trevor Franek	Electronics Student Support Specialist	http://itlp.link/tf-calendar	http://itlp.link/tf-appointment
Kathryn Penzkover	Senior Engineering Projects Consultant	http://itlp.link/kp-calendar	http://itlp.link/kp-appointment
Lia Cucuzzella	Engineering Projects Consultant	http://itlp.link/lc-calendar	https://itlp.link/lc-appointment
Sa'Von Thompson	Engineering Support Technician	http://itlp.link/st-calendar	http://itlp.link/st-appointment
Tanner Sones	Project Engineer	http://itlp.link/ts-calendar	http://itlp.link/ts-appointment

Manufacturing

> General Manufacturing Consultation Scheduling: https://calendly.com/itlp

Name	Position	Calendar	Make an Appointment
Jennifer Weilert	Manufacturing Center Manager	http://itlp.link/jb-calendar	http://itlp.link/jb-appointment
Craig Person	Manufacturing Center Specialist	https://itlp.link/cp-calendar	https://calendly.com/crpe9453-colorado

Administration and Operations

Name	Position
Ryan Toporcer	Manager of Operations
Keriann Jacobson	Operations Professional
Carolyn Nalezny	Program Coordinator
Nathan Holmes	Graphic Designer
Janet Yowell	Strategic Initiatives Manager

Information Technology (IT)

Name	Position
Brandon Scovronski	Senior IT Systems Engineer
Jeffrey Norris	IT Systems Engineer
Brett Perez	IT Systems Engineer
Aaron Gindi	Senior Software Engineer
Jeff Mitchell	Software Engineer
Steve Ham	Web Developer
Zac Abero	IT Support Technician

Undergraduate Student Job Opportunities

Working at the ITL Program means interacting with and guiding students, assisting faculty, and supporting the ITL Program staff with myriad projects related to engineering education. We are committed to honoring unique backgrounds and experiences. Join our team and help us build a more inclusive and diverse academic and engineering culture — apply today!

Positions	Descriptions and Requirements

Engineering Support

The **Engineering Support Students** work in a customer service and technical support role, providing friendly, enthusiastic and efficient help to engineering students, faculty and staff in the Integrated Teaching and Learning Laboratory (ITLL). Engineering Support Students are undergraduate engineering students who help oversee the ITLL, assisting students with projects, conducting workshops, supporting experimental modules, and ensuring the building maintains a standard of excellence and security. If you enjoy learning new engineering skills and helping others to do the same, please apply below.

Salary: The salary for this position starts at $17.00/hour through Spring 2026, with a $0.25/hour raise for each Fall, Spring, and Summer semester worked. Students are paid biweekly. Note: Effective Fall 2026, minimum pay salary will increase to $18.25/hour. Work study students are encouraged to apply.

Full Consideration Dates:

- Fall Semester - December 15, 2026
- Spring Semester - May 15, 2027
- Summer Semester - August 15, 2026

These positions will remain open until the listed full consideration date. Applications are viewed on a rolling basis during each semester. It is advantageous to apply by the first deadline to get priority review for open positions for the semester, however all applications submitted up until the full consideration dates will be reviewed. You can expect to hear back regarding job determination within 2-4 weeks of submitting the application materials.

Apply today!

Manufacturing Center Support Staff

Manufacturing Center Support Staff are engineering students who help oversee the ITLL Manufacturing Center activities, within the hours of 9:00am - 7:00pm, assisting students with manufacturing and machining projects, conducting workshops, and ensuring the shop maintains a standard of excellence and safety. Student Staff are expected to maintain a high level of professionalism and be excellent role models for other engineering students.

Salary: The salary for this position starts at $17.00/hour through Spring 2026, with a $0.25/hour raise for each Fall, Spring, and Summer semester worked. Students are paid biweekly. Note: Effective Fall 2026, minimum pay salary will increase to $18.25/hour. Work study students are encouraged to apply.

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Apply today!

Undergraduate Student IT Systems Administrator

The Integrated Teaching and Learning Program is looking for **Undergraduate Student IT Systems Administrators** to help in the daily operations and support of our technical enterprise. In addition to the ITL Program, the IT team supports the Idea Forge, Aerospace Engineering, Engineering Connections, and several other departments and programs across the college.

This position is expected to work 10 hours per week while classes are in session; however, the hours are flexible. We prefer students who have the availability to continue employment as long as they are a CU student. First-year and sophomore students of diverse backgrounds are strongly encouraged to apply. More information regarding the position and expectations can be found in the application below.

Salary: The salary for this position starts at $17.00/hour through Spring 2026, with a $0.25/hour raise for each Fall, Spring, and Summer semester worked. Students are paid biweekly. Note: Effective Fall 2026, minimum pay salary will increase to $18.25/hour. Work study students are encouraged to apply.

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Apply today!

Undergraduate Student Software Engineer

The Integrated Teaching and Learning Program (ITLP) IT team is looking for undergraduate students to help develop software to support a wide range of services, spanning the ITLP, the Idea Forge, Integrated Design Engineering, Aerospace Engineering, Mechanical Engineering, and TeachEngineering.org. We support up to 11k local users and up to 4 Million users globally through a wide-range of technologies. We offer practical experience supporting the IT needs of a live/production environment. In addition to hands-on training and support, you will work alongside full-time software developers, systems administrators, and other fellow CU student developers. Our goal is to provide an innovative and stable IT ecosystem that empowers hands-on engineering-focused education across the College of Engineering. First-year and sophomore students of diverse backgrounds are strongly encouraged to apply. More information regarding the position and expectations can be found in the application below.

Salary: The salary for this position starts at $17.00/hour through Spring 2026, with a $0.25/hour raise for each Fall, Spring, and Summer semester worked. Students are paid biweekly. Note: Effective Fall 2026, minimum pay salary will increase to $18.25/hour. Work study students are encouraged to apply.

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The University of Colorado at Boulder is committed to providing a safe and productive learning and living community. To achieve that goal, we conduct background investigations for all final applicants being considered for employment. Background investigations include reference checks, a criminal history record check, and when appropriate, a financial and/or motor vehicle history.