

Educational Engagement Program



inductive automation

Our Vision for the Program

To foster relationships in our local, national, and global communities by creating a bridge between industry professionals and educational institutions, promoting creativity and innovation through meaningful educational experiences with Ignition.

Through partnerships with educational institutions, Inductive Automation strives to support varying academic programs that could benefit from the use of Ignition.

Inductive Automation's Educational Engagement Program acts as a catalyst in the relationship between educational institutions and the Ignition community (industry partners and organizations), by providing the educational institutions with instructional resources and software licensing. This opens the door for the Ignition community to support educational institutions through internships, technical support, hardware, and/or presentations which can play a pivotal role in helping build a new program or enrich a current program with Ignition.

Through these relationships, Inductive Automation supports the training of the next-generation engineer through collaborative learning experiences at these institutions. By providing students with the opportunity to leverage current technology that is being used and deployed in industry today, industry professionals can eliminate or greatly reduce onboarding time due to the skill sets acquired in such programs.

This provides the students the tools they need for HMI, SCADA, MES, and IIoT solution development and deployment.

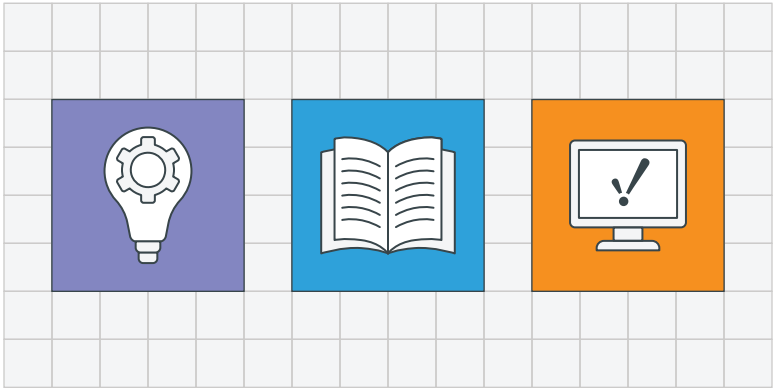
Short Term Goals

Objectives:

- Create collaborative partnerships with industry partners (system integrators, Strategic/Solution/ Alliance Partners, end users) and educational institutions
- Provide students a means to obtain a valuable and transferable skill set in the automation industry
- Provide educational materials and guidance for institutions to supplement/implement curriculum with Ignition

Expectations of Partnership:

- Simply provide students with access to Ignition in an educational environment
- Provide students with core concepts to effectively use Ignition in the context of the curriculum



Long Term Goals

- Maintain partnerships by providing continued support and updated learning materials
- Establish a path for students to obtain Ignition Core Certification
- Provide a pool of applicants that have experience with Ignition to the Ignition community. These applicants are ready for entry-level jobs at not only our integrators, Alliance Partners, Strategic Partners, and industrial organizations around the globe, but also potentially Inductive Automation



Support System

Industry and Educational Engagement Department

The Educational Engagement Program is managed by the Industry and Education Engagement Department. This department can assist in all issues relating to licensing, instructional materials, and technical support for educational deployment.

Contact Inbox: edengagement@inductiveautomation.com





Industry Partners

Through the Educational Engagement Program, educational institutions will often establish partnerships or work in collaboration with members of the Ignition community (i.e., system integrators, end users, or official Inductive Automation partners). These partners can provide valuable assistance and support with all technical aspects of the Ignition software, as well as additional services such as internships, guest lectures, and/or workshops.

Ignition Maker Edition

Students are encouraged to use Maker Edition for their own personal projects. Maker Edition is meant to be used as a personal-use version of Ignition and not for production and/or direct formal education (it can be used in conjunction with formal education —- for example, Maker Edition Build-a-Thon competitions hosted by educational institutions).

The program provides educational institutions with full licensing for curriculum-based instruction and laboratory deployments.

Licensing Model

Inductive Automation's Educational Engagement Program works with several universities and colleges around the world to provide students with access to Ignition through varying academic programs.

Ignition licensing is sold as a perpetual license, not a subscription or time-based model. For Ignition licensing that is provided by the Educational Engagement Program, the license will be an extended trial version — a temporary license. This version will have an expiration date for the license key.



Licensing Use Cases

Instructor/Faculty Use

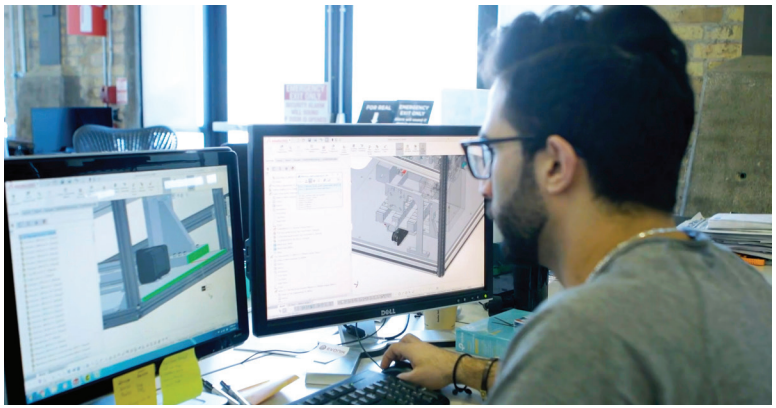
Any instructor or faculty member at an educational institution that is using Ignition or exploring the possibility of using Ignition can obtain a license to use for educational purposes.

This license is used by faculty to discover, learn, and develop curriculum for educational programs that have a use for Ignition.

If an instructor is using the license to explore the potential of the software in their educational program, their license is for a 2-month period, otherwise this license will be valid for a 12-month period.

Curriculum/Laboratory Use

A license can be assigned to a lab setting with as many activations to the particular license that is needed to accommodate the workstations within the lab. This license will be valid for a 12-month period.



Research/Student Projects

(Senior design/capstone, thesis, or dissertation projects)

The Educational Engagement Program can provide Ignition for use in research-based projects.

Large projects are approved internally through a proposal that identifies needs and requirements of the project as well as positive outcomes from the contribution to the project. These licenses are temporary with an expiration date that aligns with the scope of the research project.

Licensing is available for senior design/capstone projects. The project lead is required to submit an abstract that outlines an overview of the project as well as the scope and prospective timeline. This is needed to provide the student with proper licensing modules and a valid activation time for the license.

Contact the Industry and Education Engagement Manager for further information.





Unique Educational Institution

Educational institutions often will identify uses for Ignition within a variety of educational programs.

These programs are not the traditional Engineering or Computer Science programs and that is perfectly fine!

Those programs can range from Food Science programs to Physics, Biochemistry, and Chemical Engineering programs — anywhere there is a possibility to extract data from sensors and use that data in a meaningful way.

Interested in becoming part of the Educational Engagement Program?

Scan the QR code to apply today!

Find out more info by visiting
inductiveautomation.com/educational-engagement