



University of Idaho TECHNOLOGY AND INNOVATION CENTER in Coeur d'Alene

COMMUNITY PARTNERS

- CdA Chamber of Commerce
- Post Falls Chamber of Commerce
- Spokane University District
- Urbanova (Spokane Smart City)
- City of CdA
- CdA 2030, Inc.
- Ignite CdA

EDUCATIONAL PARTNERS

- North Idaho College (NIC)
- Spokane Community College
- Spokane Falls Community College
- North Idaho Public & Private K-12 Schools
- Idaho STEM Action Center
- NIC Workforce Training Center

INDUSTRY PARTNERS

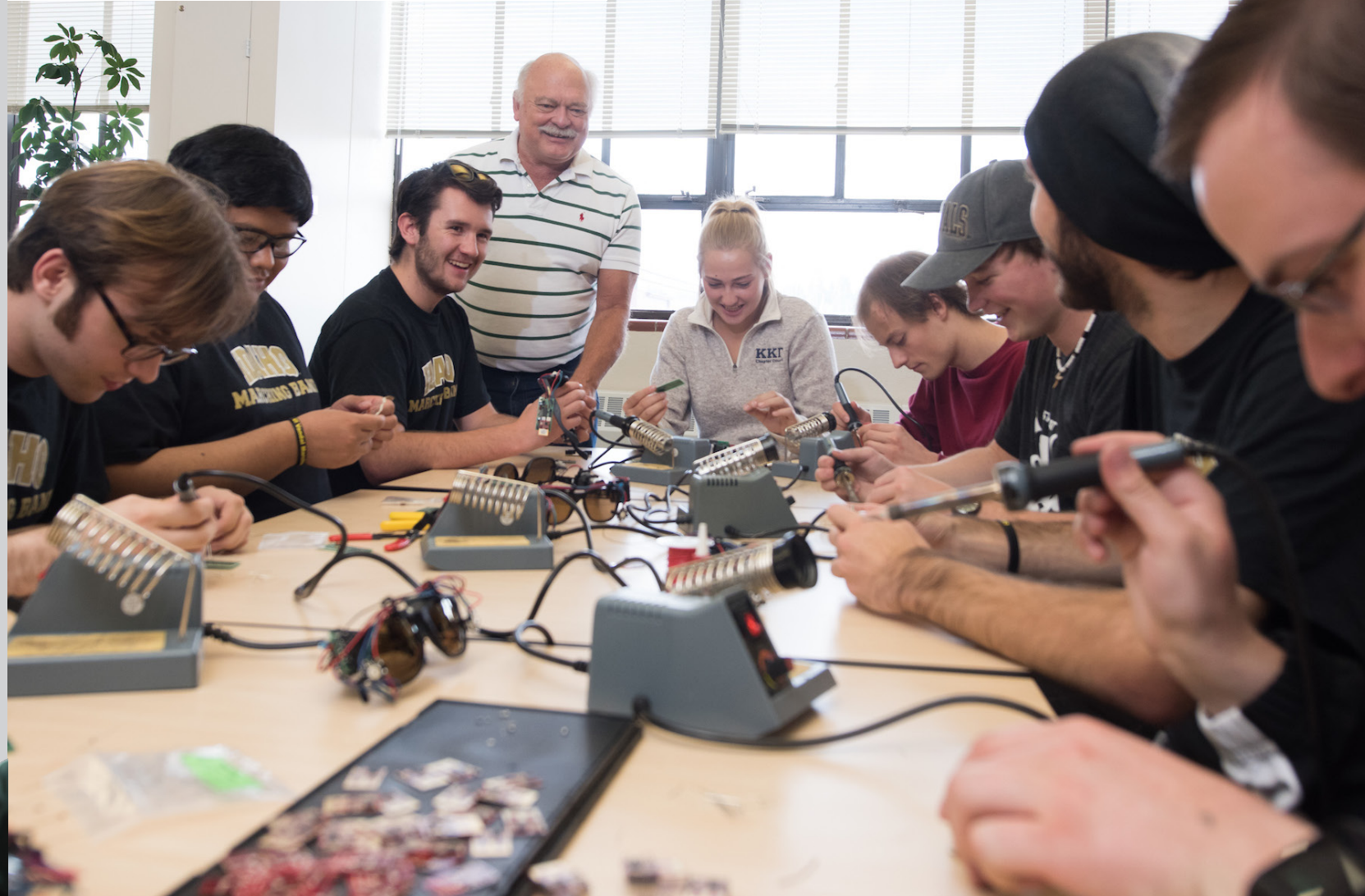
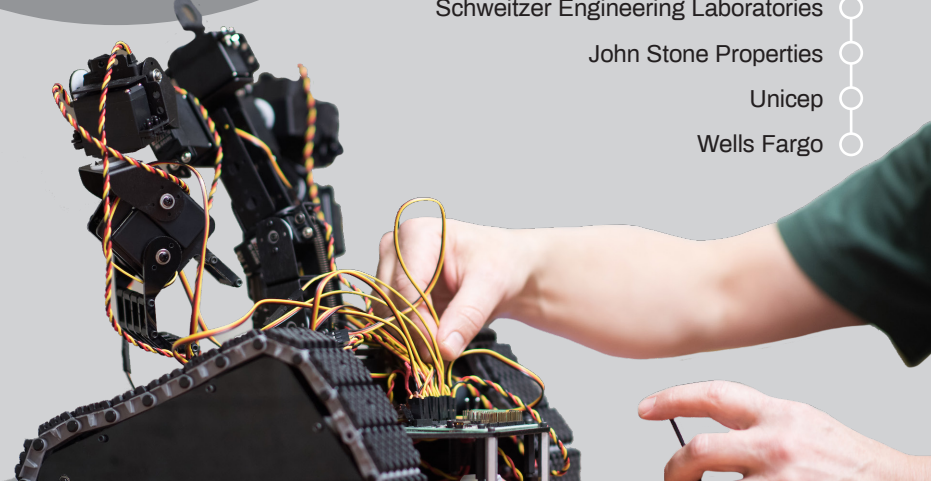
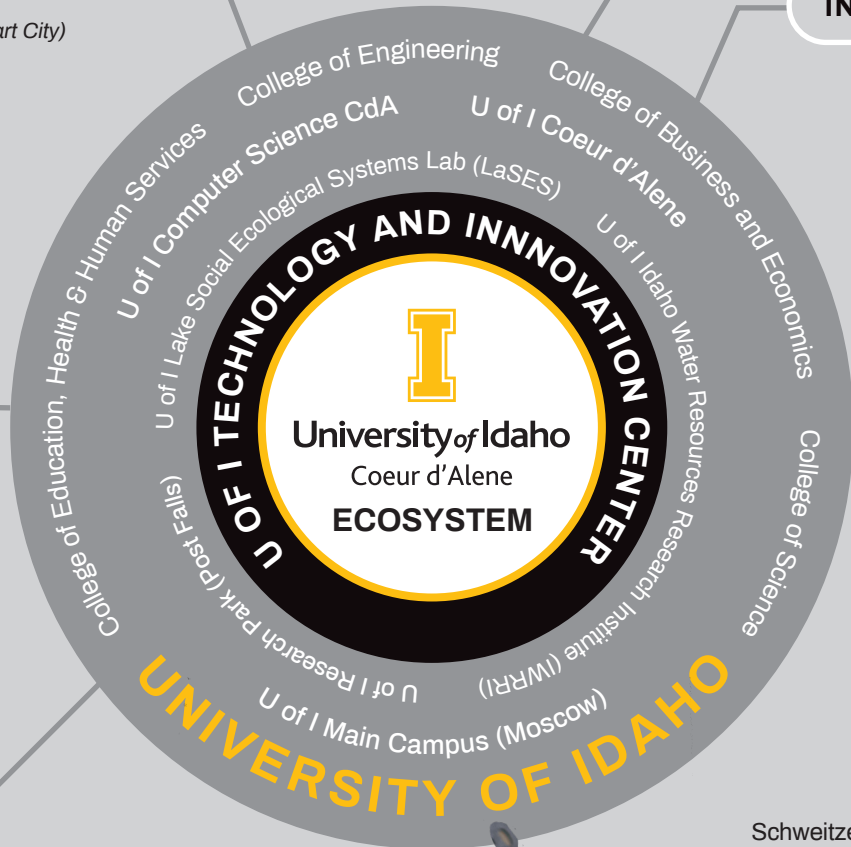
- Apple
- Avista
- Continuous Composites
- Ednetics
- Encoder Products
- Fatbeam
- Idaho Central Credit Union
- Idaho National Lab
- Itron
- Jacklins
- Kochava
- Kootenai Health
- Micron
- NSWCCD (Navy-Bayview)
- Parkwood Properties
- Percussionaire
- Schweitzer Engineering Laboratories
- John Stone Properties
- Unicep
- Wells Fargo

STEM

- Dig'n IT
- Dual Credit CS 112
- Gizmo-CdA
- STEM Teacher Training
- Inspire Idaho
- U of I Extension Offices

INDUSTRY COLLABORATIONS

- Cooperative Education (Co-op Program)
- Internships
- Senior Capstone Design Projects/EXPO
- Grand Challenge Scholars Program
- Think Big Festival



The University of Idaho is growing a robust economic future for Northern Idaho by expanding opportunities to study computer science in Coeur d'Alene. U of I is adding more programs that will bring experiential learning to the next level with its state-of-the-art Technology and Innovation Center.



Your generous gift helps build the future of technology and innovation in Coeur d'Alene and beyond.

For more information, please contact:

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Bachelor's, master's and doctorate degrees in Computer Science are now available in Coeur d'Alene.

ROBOTICS ARTIFICIAL INTELLIGENCE SOFTWARE ENGINEERING CYBERSECURITY DATA SCIENCE
HEALTH INFORMATICS GAMING SMART CITY ENTREPRENEURSHIP



Where We Are **NOW**

Currently located in downtown Coeur d'Alene at the Innovation Den, the University of Idaho provides educational, research and professional development services. The established computer science program offers B.S., M.S. and Ph.D. degrees locally.

The bachelor's program is designed as a 2+2. The first two years of computer science coursework are offered at North Idaho College and the second two years by U of I faculty located in Coeur d'Alene.

The University of Idaho houses a robotics lab in the Innovation Den for hands-on experience for students. A cybersecurity test-bed for examining cyber-physical systems with nodes in Coeur d'Alene, Idaho Falls and Moscow is scheduled to open by the end of 2018. Additional labs will open in 2019.

Through industry partnerships and internships, students take part in grassroots efforts to create new technology and implement its real-world applications.

These unique collaborations are possible thanks to the cooperative education (co-op) program launched in June 2018 with Micron, Schweitzer Engineering Laboratories, Idaho National Lab and others. Every student has the opportunity to be employed by partner companies as undergraduates, gaining invaluable connections and experience before completing their degrees.

Looking To The **FUTURE**

U of I plans to provide additional areas of study in Coeur d'Alene such as engineering, industrial technology and entrepreneurship as we support the growing technology sector and overall economic development of Northern Idaho.

The Technology and Innovation Center will grow the local computing pipeline and support the local tech community. Including U of I's Idaho Entrepreneurs in this new facility will allow students to develop complementary technical and entrepreneurial skills.

This is an opportunity for a unique collaboration between the Colleges of Engineering, Business, and others to foster a multi-disciplinary educational center focused on bringing innovation and new ideas into the marketplace to help grow technology in Idaho.

"With U of I having a presence in downtown CdA, we will use our passion for innovation to connect with academia in ways that allow us to cultivate next generation tech talent, while also exploring and leveraging new technologies for helping our clients."

- TYLER ALVARADO
CEO, Continuous Composites in downtown Coeur d'Alene

Notable **FEATURES**

- Intersecting spaces for collaborative interaction and learning where faculty, staff, students, and industry leaders will benefit from linkages across disciplines and projects.
- Classrooms where faculty can employ state-of-the-art instructional techniques to enhance the student experience including hi-fi video and audio-linked rooms connecting U of I classrooms in Coeur d'Alene, Idaho Falls and Moscow.
- Twelve laboratories where faculty and students build new technologies and test new systems that advance our economy.
- Offices for faculty, staff and graduate students as well as visiting faculty and industry professionals, all working to advance technology and student learning.

State-Of-The-Art **FACILITY**

At 40,000 gross square feet, the construction of the Technology and Innovation Center represents a \$12 million investment. The proposed building will be funded entirely with private gifts. The university will actively seek the support of constituencies that strive to advance engineering and technology in the region and have a stake in the success of this project. Gifts of all sizes from individual alumni, parents and friends will make a crucial difference, including helping to attract support from major corporations and foundations.



LABORATORIES

Capstone Student Library

A space for undergraduate and graduate student project design and development.

Robotic Automation Laboratory

A space to educate the next generation of software-oriented robotics engineers.

Automation Laboratory

A laboratory for light manufacturing that will provide students the opportunity to learn and experiment with complex automated manufacturing systems.

Computer Science/Mechanical Engineering Collaborative Robotics Laboratory

A space to serve as the catalyst for collaborative manufacturing robotics.

RADICL - Reconfigurable Attackdefense Instructional Computing and Cyber-Physical Systems Laboratory

A space to enable hands-on teaching and research in information assurance and cyber-defense.

Innovation & Entrepreneur Tank

An entrepreneurial space for engineering and business students to collaborate.

Mover - Medical Virtual Reality Laboratory

A space to educate the next generation of software-oriented 3D graphics engineers on advanced topics in video manipulation.

Teaching, Tutoring and Experimenting Laboratory

A video-enabled classroom connecting Moscow, Idaho Falls and North Idaho College for computer-based work.

Electronics Laboratory

A hands-on space for learning and developing electrical circuit and systems.

Instrumentation Laboratory

A space for learning modern instrumentation for probing, measuring and analyzing systems.

Embedded Systems Laboratory

A hands-on space for learning testing and developing embedded systems.

Computer Aided Engineering and Prototyping Laboratory

A space to provide students hands-on experience with industry standard software design systems such as SolidWorks and Catia and rapid prototyping equipment.