

# Building a Better Future

Academy of Technology and Design Motto

## WHAT WE OFFER

**Architectural Design** - Ever wonder why buildings have such unique shapes and features? Interested in learning how to design structures and objects? Then the Architectural Design Program of Study might be the right program for you. Students learn about different architectural styles and gain experience in hand sketching and computer aided designing. Students learn to create physical models through usage of 3D printing (both plastic and liquid resin), 3D scanning, and laser engraving. Students also gain knowledge and heavy usage of the building information modeling (BIM) software Autodesk Revit, the new common tool in the architecture industry.

**Cybersecurity** - Cybersecurity is the practice of defending computers, servers, mobile devices, electronic systems, networks, and data from malicious attacks. If you want to learn about mitigating the risk from malware, hackers, trackers, cyber criminals and all online threats, then this might be the right program for you. Specialists in cybersecurity operations monitor, analyze, and detect cyber events and incidents within information systems and network technologies.

**Engineering Technology** - Almost everything we do today relies on engineering. Engineering practices have helped develop everything from iPods to bridges, cars to buildings. The Engineering Technology Program of Study will introduce students to Engineering principles and practices and help them understand the skills needed to pursue a career in engineering. If you would like to learn about the design, production, and maintenance of mechanical and electrical products and systems, then this might be the right program for you.

**Natural Resources Management** - Love being outside? Maybe hiking, hunting, and fishing? Want to have a career working with animals, or protecting our 'aina? The Natural Resources Management Program of Study encompasses careers related to agriculture, the environment, natural and cultural resources. Students in this program explore the different aspects of natural resources and human impacts on the environment.

**Residential & Commercial Construction** - Do you like working with tools and making something useful? Do you want to know how to build or do basic home repairs? In the Residential & Commercial Construction Program of Study students are introduced to common tools and materials used in the many construction fields including: framing, drywall, cabinet making, plumbing, electrical, and roofing. Students will work with tools, applying math skills, and learning basic carpentry, electrical, and plumbing skills. Workers in construction technology have multiple professional paths, each offering job security and excellent earning potential.



## Academy of Technology & Design



National Career  
Academy Coalition  
COLLEGE CAREER LIFE

Model Academy with Distinction





## GET IN TOUCH

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## OUR CONTACT:

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## VISION

Graduates of the Academy of Technology and Design successfully interact in a technological environment to achieve their personal, educational, and workplace goals. As lifelong learners, they will work cooperatively to create a better, sustainable society for future generations with their innovative ideas.

## MISSION

The Academy of Technology and Design provides meaningful opportunities for all students in a dynamic learning environment which emphasizes real-world career experiences and college opportunities to create responsible, ethical, and successful global citizens.



## STUDENT TESTIMONIES

Students were asked what they liked best about the Academy of Technology and Design and their Program of Study.

*"I like the flexibility of TnD. We're learning skills that can be applied to both engineering and architecture so realistically we can go into whichever field we want to without having to learn something entirely new. I also like the hands-on activities we do."*

**Tazekiel Gaoteote '25**

*"I like that my academy has a lot of group work because it gets you to be sociable with others and it teaches you how to work as a team."*

**Alexander McGuire '24**

*"The thing I like most about the Engineering Technology Program of Study is the way it fosters our ability to think critically and problem solve. Most of our work is project based, which keeps me engaged in what we're learning."*

**Cody Nakamura '23**

*"What I like about TnD is how fun and sociable our teachers are. They're always very welcoming when you need help or just want to talk about your day. I like the Engineering Technology Program of Study and how a lot of it is hands-on learning. We do a lot of digital designing and modeling using various software but we also have physical design challenges which are super fun. We also recently went to an engineering expo at the University of Hawaii at Manoa which was exciting, because we were able to network with other students and see the business side of the field."*

**Dayza Ostuka-Cabodol '24**