Welcome

College of Engineering, Informatics, and Applied Sciences
uncover tomorrow’s solutions

from applied physics to Biomechatronics, and construction management to cybersecurity, we’re transforming the future
what we offer

5 academic units
4 departments
1 school
What we offer: **strong academic foundation**

Degrees, like:

- Computer Science
- Informatics
- Construction Management
- Physics
- Engineering
- **NEW in Fall 2020: Cybersecurity**

**Accelerated programs** - Complete a BS Engineering and MS or MEng in five years, including:
- Civil Engineering
- Computer Science
- Electrical Engineering
- Environmental Engineering
- Mechanical Engineering
What we offer: **learning opportunities** (examples)

- Undergraduate research
- Arizona Teachers Academy at NAU*
- Clubs/groups
- Study abroad
- Internships

* nau.edu/teachers-academy
who we are

we’re on the cutting edge of technology
Engaged faculty

- motivated researchers, scholars, and professionals
- focused on students and their success
- proud to be mentors

Our faculty is committed to personalized attention and providing the most relevant experience for existing and emerging career paths.

Dr. Zach Lerner
Mechanical Engineering
Assistant Professor
- Pioneers advances in robotic exoskeletons to improve mobility and restore neuromuscular function for individuals with disabilities
- Uses powered orthoses to improve posture and walking efficiency in children with cerebral palsy

Dr. Jennifer Martinez
Applied Physics and Materials Science
- Director of the Center for Materials Interfaces in Research and Applications (¡MIRA!)
- Develops genetically encoded polymers for use in regenerative medicine applications
- Develops fluorescent metal nanoclusters for biomedical applications
Motivated students

Ziyan Wu
Environmental Engineering
- helping engineers divert and control one of the planet’s most precious resources: water
- using computer modeling to create a new Intensity-Duration-Frequency (IDF) curve
- her ultimate goal is to become a professor so she can continue to do research and instruct students

Chris Keefe
Computer Science
- leveraging his passions for biology and computer science to help tackle the sixth leading cause of death in the United States—Alzheimer’s disease
- using microbiome bioinformatics and computer software development to investigate connections between the disease’s symptoms and bacteria

College of Engineering, Informatics, and Applied Sciences

• Hands-on experiences
• access to mentors
• connection to academics
• financial support

Our students leverage artificial intelligence, explore plasticity modeling, and collaborate on drone development, among other technologies, to solve real world problems.
Career opportunities for CEFNS students

- Computer Scientist
- Environmental Engineer
- General Contractor
- Field Engineer
- Computer Engineer
- Electrical Engineer
- Data Scientist
- Physicist
- Research Scientist
- STEM Teacher
- Software Engineer
- Civil Engineer
Ready to be a Lumberjack?

For more information: nau.edu/ceias