Preview the College of ECC

**Agenda**
5:00pm-5:45pm

- Introduction from the Dean
- ESSC: Resources for Success
- Overview of Majors with ECC Departments

California State University, Chico
College of Engineering, Computer Science, and Construction Management (ECC)
Introduction from Dean Blake Wentz
ECC Student Success Center (ESSC)

- Campus e-advISING tools
- Individualized advising support
- Course planning and scheduling
- Navigating tutoring & academic support resources
- Connection to career advisors & services
- GE guidance for ECC majors

- Advising appointments via Zoom or Phone
- Advising assistance over email: eccadvising@csuchico.edu
- Website: https://www.csuchico.edu/ecc/essc

ECC Student Success Center (ESSC)
- Tutoring/Academic Support
- Today Decides Tomorrow
- Registration Help
- New Student Resources
- Major Advising
- How Do I...
Majors in the College of ECC

- Computer Animation & Game Development
  - Civil Engineering
  - Computer Science
- Computer Information Systems
- Concrete Industry Management
  - Construction Management
- Electrical/Electronic Engineering
  - Computer Engineering
  - Mechanical Engineering
  - Mechatronic Engineering
- Advanced Manufacturing & Applied Robotics
Bachelors of Science in Computer Animation & Game Development

◊ The Synergy of Creativity and Technology
◊ Team-Based Studio Experience
  ◊ Video Games
  ◊ Animation
  ◊ Immersive Environments
◊ Explore VR, AR, Motion Capture and More!
◊ Video Game and Animation Minors Available
◊ https://cagd.itch.io/builders-brawl
◊ https://cagd.itch.io/deadeye-desperado
Bachelors of Science in Civil Engineering

- Small class sizes & close interaction with faculty
- Lecture and laboratory courses are taught by experienced faculty
- Participate in multi-faceted, realistic design projects
- Active student groups

Civil Engineering Curriculum Covers
- Environmental Engineering
- Geotechnical Engineering
- Structural Engineering
- Transportation Engineering
- Water Resource Engineering

CIVL Dept. Chair
Dr. Steffen Mehl

ABET Engineering Accreditation Commission
Bachelors of Science in Computer Science or Computer Information Systems

- Hands on majors that focus on the skills required by the software industry and the information technology needs of corporations
- Small classes
- Friendly and involved faculty

**BS Computer Science**
- Software development focus
- Includes a wide range of theoretical and applied topics

**BS Computer Information Systems**
- Shares the programing core with Computer Science
- Integrated business administration minor

Computer Science Department Chair
Dr. Tyson Henry
Bachelors of Science in Concrete Industry Management

CIM Student Today, Industry Leader Tomorrow!

◊ 100% Job Placement into industry positions
◊ Paid Internships
◊ Varied Job Prospects
◊ CIM Specific Scholarships
◊ Industry Support
◊ Business Administration minor
◊ Community service, student competitions, research projects
◊ Networking & student travel opportunities
◊ Sense of community & personal connection with instructors and patrons
Bachelors of Science in Construction Management

- A CMGT degree prepares a graduate to estimate, procure, manage, schedule, cost analyze the construction process of Buildings, Infrastructure, Industrial, Heavy Highway and specialty trades/projects
- One of the largest CMGT programs in CA/US
- Excellent Industry support to our program while facilitating summer internships and permanent employment
- Faculty with 10-20+ years of field/industry experience
- Students engage in CMGT clubs/teams
- Involvement with yearly community service projects

American Council For Construction Education (ACCE)
Bachelors of Science in Computer Engineering or Electrical/Electronic Engineering

Work at major companies in California (and elsewhere) and at start ups, even your own!

Engage with faculty and other students on research projects, and participate in design competitions.

Innovative instruction combining theory with experiments and projects from EECE 144 through Senior Design

BS Computer Engineering

- Specialize in hardware and software co-design for Internet of Things and other embedded systems, network architecture, cyber security, and high performance computing.

BS Electrical/Electronic Engineering

- Specialize in analog and digital electronics, power electronics and power systems, control systems and robotics, communications, image and signal processing, and biomedical sensing.

Easy to add a minor in Computer Engineering, Computer Science, Biomedical Engineering (coming soon), Mathematics, and Physics.
Bachelors of Science in Mechanical Engineering or Mechatronic Engineering or Advanced Manufacturing & Applied Robotics

- Hands-on programs grounded in fundamentals
- Accessible faculty, many with industrial experience
- Project-based learning throughout the curriculum
- Senior Capstone with industry sponsored projects
  - Student design teams made up of all three majors
- Modern facilities and equipment
  - New $830,000 Omron Mechatronics Co-Lab
- Extracurricular clubs and competition teams
- Jobs: High placement rates and attractive salaries
We invite you to Preview more with ECC!

◊ Computer and Electrical/Electronic Engineering Q&A Session
   **Tonight** (Tuesday, 11/10) at 7pm [https://bit.ly/3eFvAiu](https://bit.ly/3eFvAiu)

◊ Computer Animation & Game Development Demo and Q&A Session
   **Tomorrow** (Wednesday, 11/11) from 5:00-6:30pm [https://bit.ly/3eKAU40](https://bit.ly/3eKAU40)

◊ Civil Engineering Q&A Session

◊ Concrete Industry Management Q&A Session

◊ Mechanical, Mechatronic Engineering, and Advanced Manufacturing & Applied Robotics Q&A Session
   **Wednesday**, 11/18 5:00-6:00pm [https://bit.ly/36mFVvY](https://bit.ly/36mFVvY)

Questions? Email us at: eccadvising@csuchico.edu