

Computer Engineering (CENG)

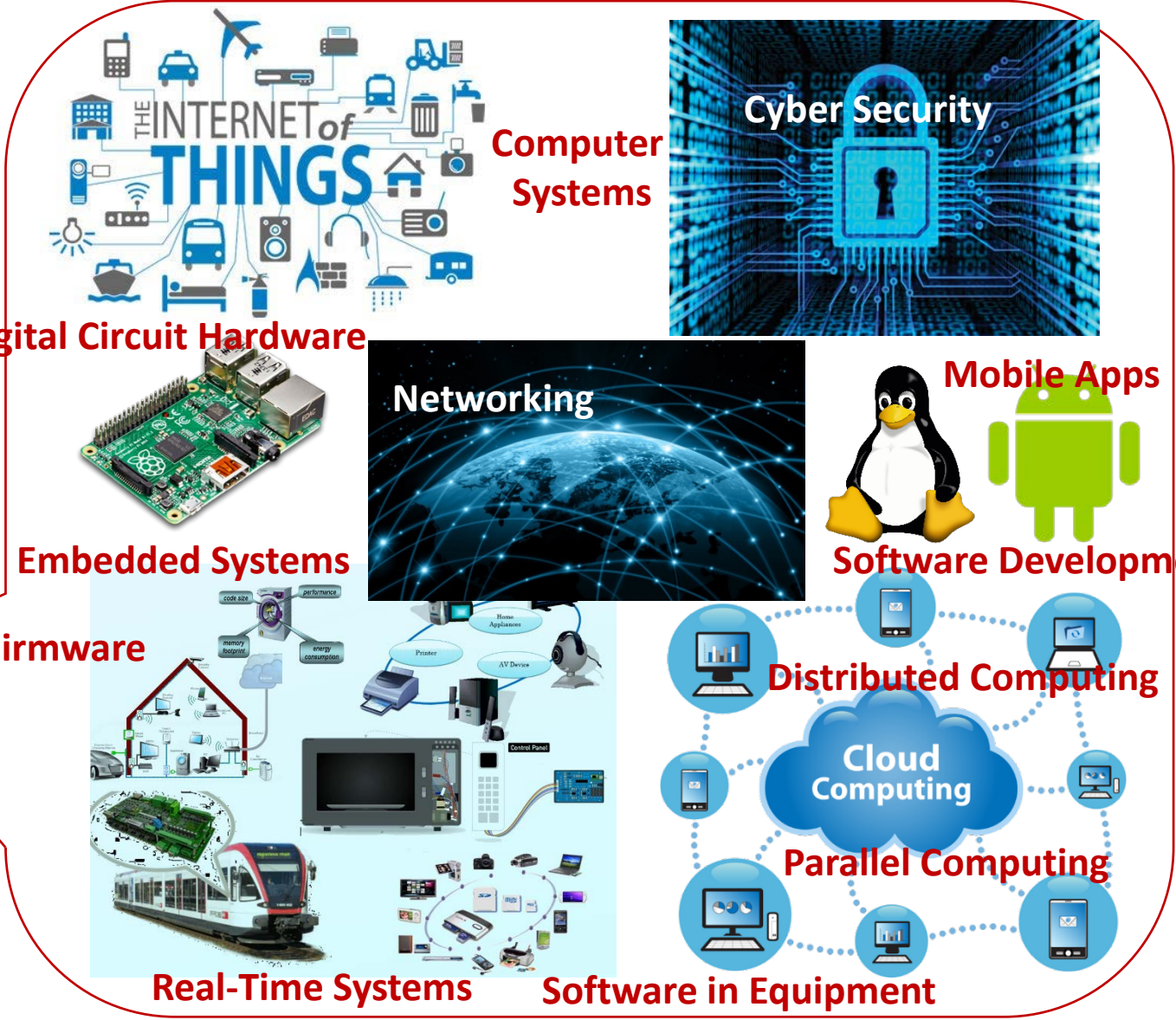
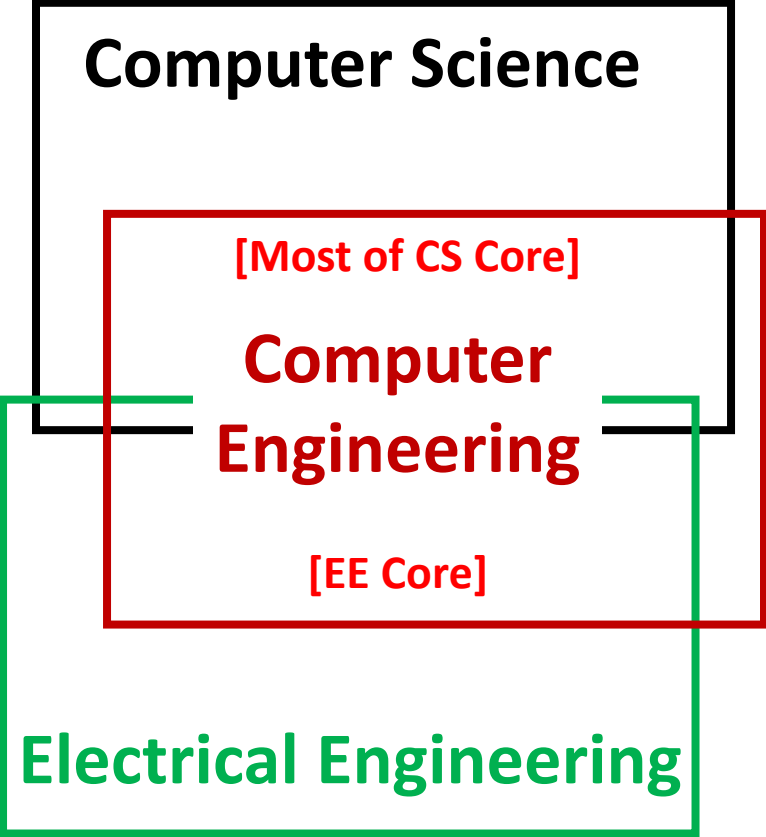
Galen Sasaki

Associate Professor

Department of Electrical Engineering

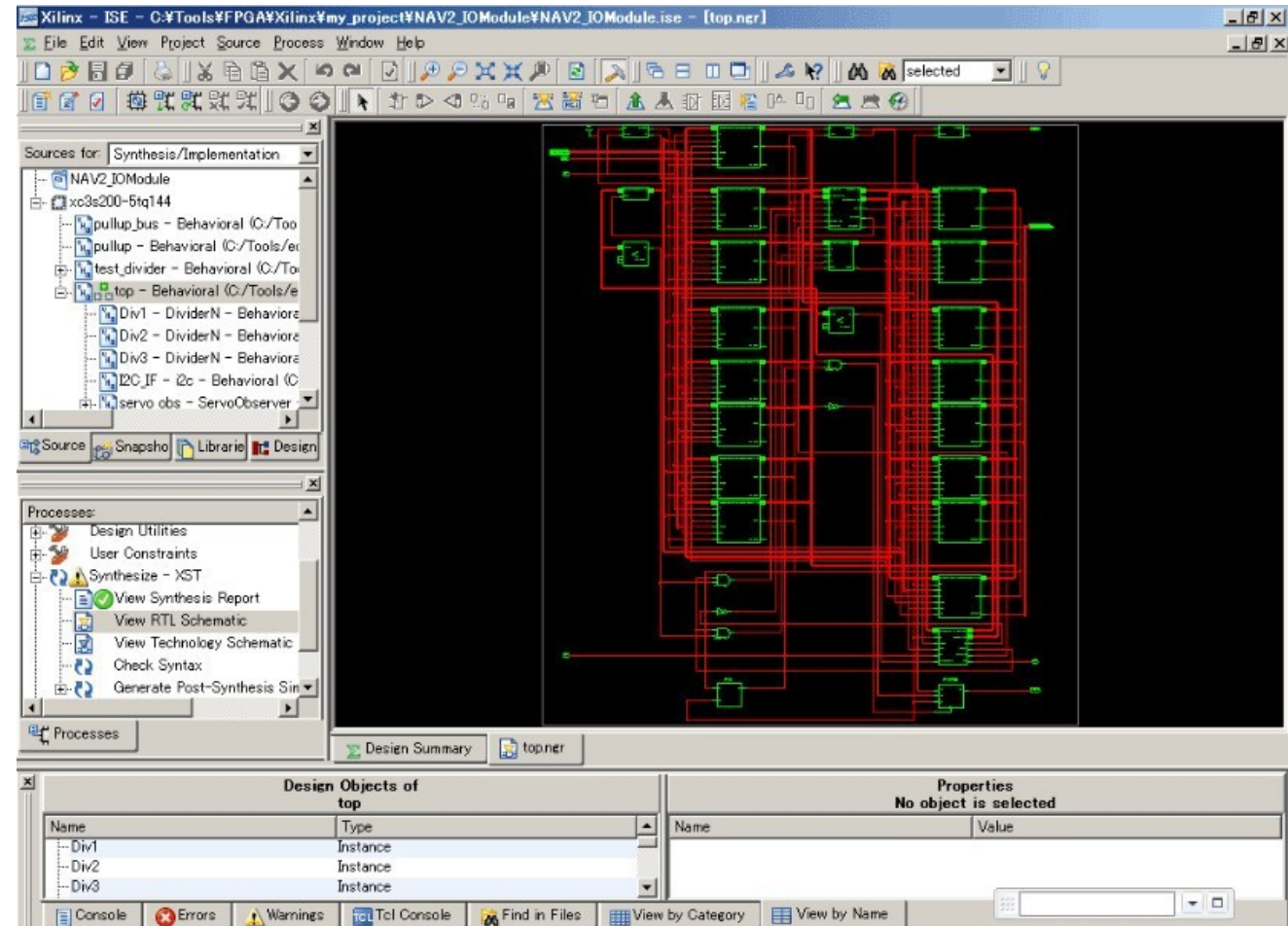
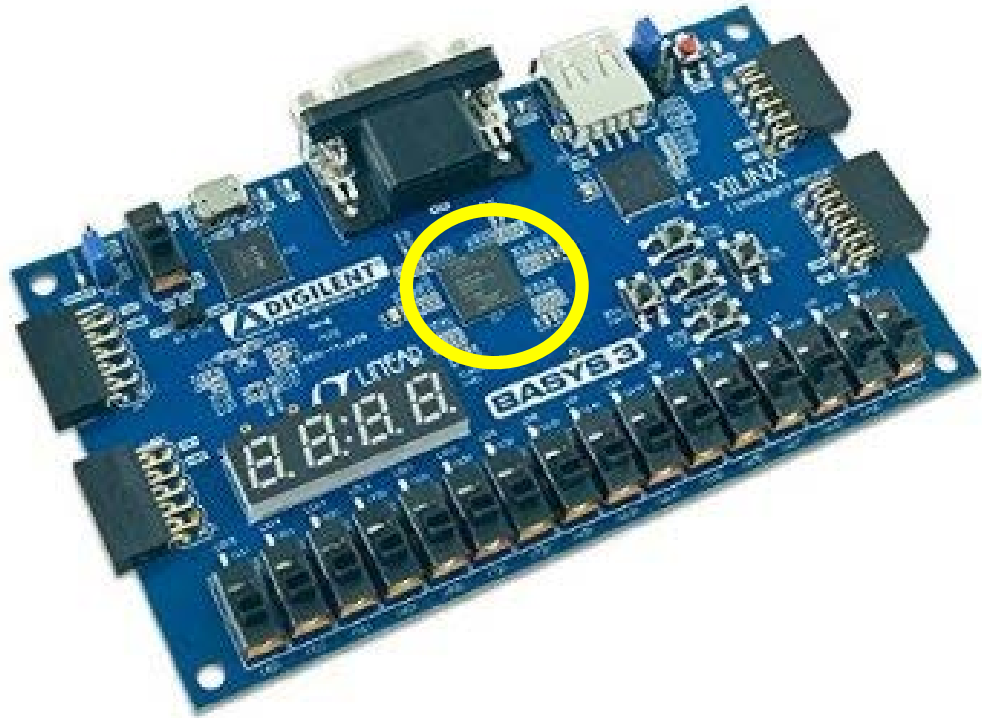
August 19 2020

What is Computer Engineering (CENG)?



Hardware

Field programmable gated array (FPGA)



Computer Aided Design (CAD)
Electronic Design Automation (EDA)

Software:

Computer System Software

Operating systems



Data Centers



Equipment Software



Firmware: Micro-controllers

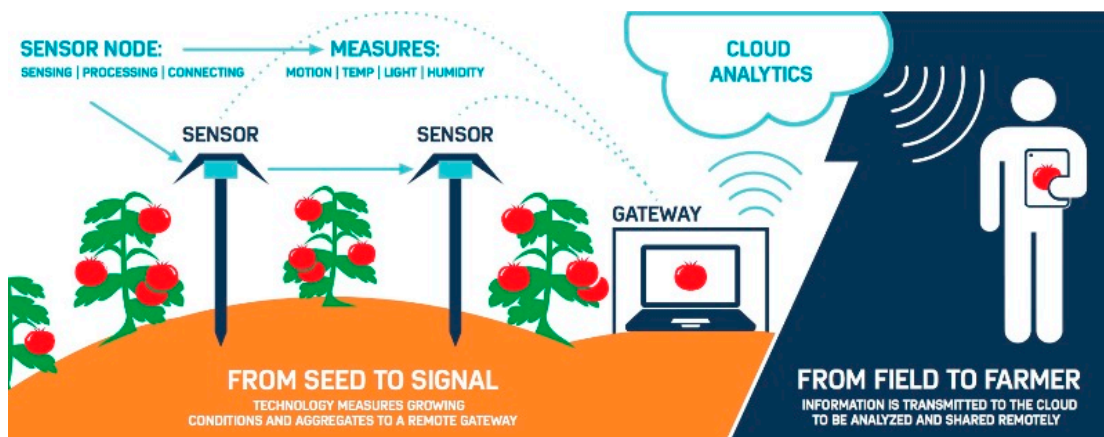
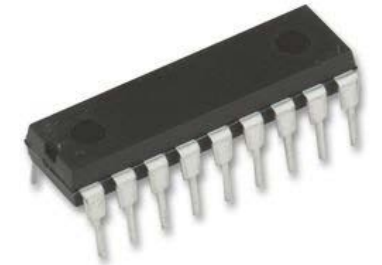
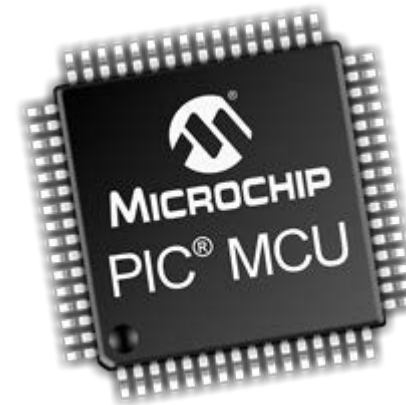
Embedded Systems



Internet of Things



Micro-controllers

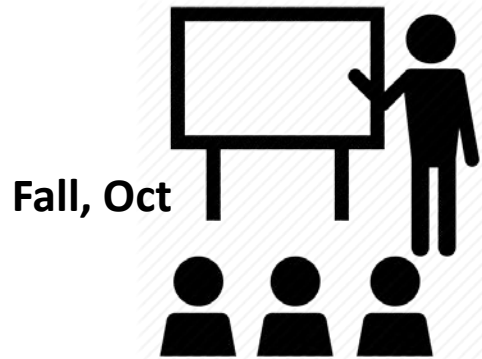


Supporting Services – Career Counseling



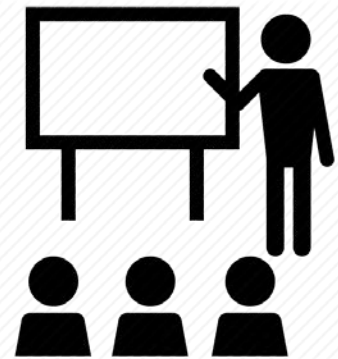
Fall, Oct

**Seminar on
Summer Internships
& Coops**



Fall, Oct

**Seminar on
Resumes &
Cover Letters**



**Seminar on
Graduate School**



Mock Interviews



**Web site on
Career Information
(laulima)**

Listing of companies
and other opportunities
Interview preparation
Job hunting experiences
Grad school information
Etc



**Guest Speakers
Professional Experience**



**College of Engineering Career Day
Manoa Campus Career Day
Fall, Sept; Spring, Feb**

Work Places

Local

Booz Allen Hamilton	Referentia
Cetra Technologies	Resurgo
City and County	Revacomm
Hawaiian Airlines	Sanjole
HECO	Slickage
Ibis	NIWC (SPAWAR)
LiveAction (intern)	Spectrum Photonics
NAVSEA	Spirent Communications
NSA	UCERA
Oceanit	Waysine
Pearl Harbor Shipyard	Worldwide Technologies

Mainland and Abroad

Apple (CA)	Google (WA)
Allegro Microsystems (Prague)	IBM (CA)
AMD (TX)	Intel (OR)
Amadeus Consulting (CO)	Lockheed Martin (CA)
Amazon (WA)	LG Electronics (CA)
Apple (CA)	Microsoft (WA)
Blizzard (TX)	NASA (CA)
Charles Schwab (CA)	Northrop Grumman (USA)
Cinder Solutions (OR)	Raytheon (CA)
Cirrus Logic (TX)	Rakuten (Japan)
Cisco (CA)	Soft Bank/ARM (TX)
ERC Inc (FL)	Trigger Global (CA)
Fast Enterprise (USA)	Viasat (CA)

Mahalo!