

**MSEE**  
**Graduate**  
**Handbook**

# COE Resources

## Graduate Student Success Center (GSSC)

**COE Graduate Program Coordinator:** Dr. Feike Leij

[Feike.Leij@csulb.edu](mailto:Feike.Leij@csulb.edu)

562.985.5119

**COE Senior Graduate Academic Specialist:** Ms. Helen Yohannes Abeye

[helen.yohannes@csulb.edu](mailto:helen.yohannes@csulb.edu)

**EE Graduate Advisor:** Dr. Sean Kwon

[Sean.Kwon@csulb.edu](mailto:Sean.Kwon@csulb.edu)

562.985.1556

## Electrical Engineering Department

**EE Interim Chair:** Dr. Madhu Gupta

[DrM.Gupta@csulb.edu](mailto:DrM.Gupta@csulb.edu)

562.985.4899

**Administrative Support Coordinator:** Ms. Gabriela Bortoluzzi

[Gabriela.Bortoluzzi@csulb.edu](mailto:Gabriela.Bortoluzzi@csulb.edu)

562.985.8050

**Administrative Support Assistant:** Ms. Gina Decker

[Gabriela.Bortoluzzi@csulb.edu](mailto:Gabriela.Bortoluzzi@csulb.edu)

562.985.8043

## Library Information & Support EN2-109

**COE Librarian:** Ms. Hema Ramachandran

[Hema.Ramachandran@csulb.edu](mailto:Hema.Ramachandran@csulb.edu)

562.985.5749 (Main Library)

562.985.2304 (Dudley Library, EN2-109)

Dudley Hours: M-F 9am-5pm

# MSEE Roadmap (Starting From Fall 2019)

## General Program Requirement (15 units)

- EE 508 – Probability Theory & Random Process (3)
- EE 511 – Linear Systems Analysis (3)
- EE 588 – DSP for MMO Communication Systems (Communications, Networking and DSP Course – 3)
- EE 531 – CMOS Electronics (Electronics and Digital Course – 3)
- EE 554 – Power Systems and Applications (Power and Control Course – 3)

## Any EE Graduate Courses (15 units)

Not including general program requirement courses

**Comp Exam Route:** Any Five (5) MSEE Courses

OR

**Thesis Route:** Any Three (3) MSEE Courses, Thesis (6)

## IMPORTANT NOTE

- EE 490 (Special Problems) and EE 405 (Special Topics) are **NOT ACCEPTED** in the graduate program.
- A graduate student should **ALWAYS** maintain GPA of at least 3.0 in each semester. **OTHERWISE**, the students will be in academic warning (probation).

## Concentrations

- **Power, Control Systems Faculty:**  
Chassiakos, Hamano, Lee, Mozumdar, Yeh
- **Electronics, Digital Systems Faculty:**  
Hedayatipour, Khoo, Mozumdar, Lee, Teng, Wagdy, Wang
- **Biomedical Engineering Faculty:**  
Ary, Druzgalski, Hedayatipour, Khoo
- **Communications, Networking, Digital Signal Processing Faculty:**  
Ahmed, Chang, Kwon, Yeh

# **Graduation Writing Assessment Requirement (GWAR)**

Website: <http://web.csulb.edu/divisions/aa/gwar>

**Not required anymore.**

# Advancement to Candidacy

- Completion of any deficiency requirement (for the students admitted in a conditionally classified status)
- ~~Have met the GVAR requirement~~
- Completion of at least 9 units of graduate requirement with GPA of 3.0 or higher
- Selection of culminating experience (comprehensive exam or thesis)

**Note:** Every course must be pre-approved and every step must be completed before approaching the advisor, requesting advancement to candidacy.

## Comprehensive Exam Schedules

### Fall

First Friday of October

### Spring

First Friday of March

# Curricular Practical Training (CPT)

CPT program provides international graduate students in the College of Engineering an opportunity to gain practical experience in their fields of study. To qualify for CPT, the student must have:

- at least one academic year of enrollment in valid F-1 status
- at least 9 units of the required graduate classes
- been Advanced to Candidacy
- be in good academic standing

Once a student is offered a CPT internship opportunity, and upon approval by the office of International Student Services, he/she must complete an independent study agreement and register for ENGR 691 (1 unit) through CCPE with a full-time COE professor who agrees to supervise him/her and meet with the student regularly per an agreed schedule throughout the semester.

At the end of the semester, a complete technical report, including an overview of the technical areas and activities engaged in, the problems encountered and the solutions provided, must be submitted to supervising professor and must earn a passing grade.

**Note:** This class can be repeated up to three times.