



Memo

To: Randy Smith, Vice Provost for Academic Programs, Office of Academic Affairs
From: Cory Matyas, Assistant Dean for Curriculum and Assessment
Date: February 25, 2026
Re: Informational Item - Update to ECE Signal Processing Minor & Certificate

The Department of Electrical and Computer Engineering requests a minor update to the Signal Processing Minor and Certificate to allow ECE 2360 as an additional option for the required electronics course. This expands flexibility and increases student access without altering total hours or required learning outcomes. They request this update be effective AU26.

The Engineering College Committee on Academic Affairs met on February 25, 2026 and reviewed this proposal as an Informational Item. There were no questions or concerns and a College-level record of support for this proposal was created.

Electrical and Computer Engineering Minor/Certificate Update

For Consideration by the CCAA

Dr. Betty Lise Anderson, Associate Chair, ECE

1/16/2026

1) Program update request detail

The Department of Electrical and Computer Engineering department is requesting an update to our Signal Processing Minor and our Signal Processing Certificate. The request is to add another course option for our electronics requirement. Currently for our Signal Processing Minor and Signal Processing Certificate we require ECE 2020, Introduction to Analog Systems, or Circuits and ECE 2300, Electrical Circuits and Electronic Devices. We would like to add another option to allow more students the ability to complete the minor or certificate. We wish to add ECE 2360, Electronics for CSE majors as an option for all students pursuing the minor or certificate.

2) Rationale for the update

Students pursuing the minor or certificate are required to complete an electronics course as part of the minor/certificate curriculum. Adding ECE 2360 would allow more students the ability to complete the minor/certificate.

3) Effective Semester: As soon as possible

4) We are requesting that this change apply to all students pursuing the Signal Processing minor or Signal Processing Certificate since this request allows for more options.

Signal Processing Minor

Required Courses (12 hours)

Course	Hours
ECE 2020 OR ECE 2300 OR ECE 2360	3
ECE 2060	3
ECE 2050	3
ECE 3050	3

Electives (Choose at least 1 three-hour course)

Course	Hours
ECE 5200	3
ECE 5206	3
ECE 5460	3

Signal Processing Certificate

Required Courses (12 hours)

Course	Hours
ECE 2020 OR ECE 2300 OR ECE 2360	3
ECE 2060	3
ECE 2050	3
ECE 3050	3

Electives (Choose at least 1 three-hour course)

Course	Hours
ECE 5200	3
ECE 5206	3
ECE 5460	3

