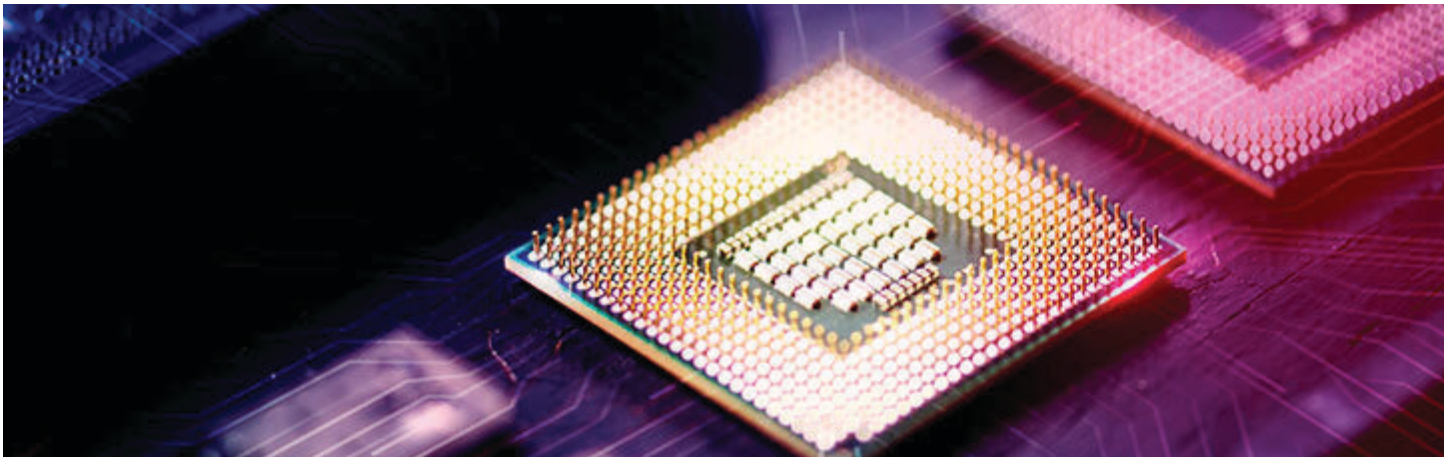# ENGR 10301 – INTRO TO SEMICONDUCTORS

1-CREDIT COURSE (CRN 15199)
WEDNESDAY'S • 4:30 PM - 5:20 PM • ARMS 1010

Open to all students in the College of Engineering, School of Engineering Technology, Computer Science, Physics and Math

This course will introduce students to semiconductor technology and the broad range of opportunities within the semiconductor industry. Speakers from some of the largest companies in the world including Apple, Tesla, Intel and others will engage students on a weekly basis. Students in the course will develop their personal networks while being presented with resources and opportunities to prepare for exciting careers within the semiconductor industry. The following are some of the topics that may be covered in this course:

- Logic microprocessors
- Memory technology
- Designing semiconductor electronics
- Manufacturing facilities

- Semiconductor modeling tools
- Sustainable semiconductor manufacturing processes
- Non-silicon semiconductor electronics

- Automobile industry and semiconductors
- Digital healthcare technology and semiconductors

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