Electrical and Computer Engineering Department Illinois Tech

https://engineering.iit.edu/ece/about

Whether you are interested in artificial intelligence, machine vision, Internet of Things, wireless communications, cyber security, computer hardware and software design, autonomous drones and driverless cars, medical imaging, sustainable energy resources, power smart grids, Electrical and Computer Engineering has what you are looking for.

There are so many fields of research and applications within Electrical and Computer Engineering that it is hard to know which area to choose for a major and ultimately for a career.   The ECE Department has streamlined the process for you by creating the Undergraduate ECE Tracks. The Tracks provide the course offerings for each specialization of electrical and computer engineering. The specializations include: Communications and Networking Systems, Computer Systems and Microelectronics, Cyber Security, Electronics and Electromagnetics, Power Electronics and Control Systems, Power and Energy Systems, Robotics and Automation, and Signal/Image Processing and Machine Learning.

Take a look at the ways Electrical and Computer Engineering permeate all aspects of technology and choose the path that rights for you. Let me know if you have any questions or if you would like to learn more about our programs or arrange a meeting with a faculty adviser.

Best Regards,

Joanette

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