



Electrical Engineering Program Outcomes

To Understand - to understand the mathematical and physical foundations of electrical engineering and how these are used in electronic devices and systems. An understanding that engineering knowledge should be applied in an ethically responsible manner for the good of society.

To Question - to critically evaluate alternate assumptions, approaches, procedures, tradeoffs, and results related to engineering problems.

To Design - to design a variety of electronic and/or computer-based components and systems for applications including signal processing, communications, computer networks, and control systems.

To Lead - to lead a small team of student engineers performing a laboratory exercise or design project; to participate in the various roles in a team and understand how they contribute to accomplishing the task at hand.

To Communicate - to use written and oral communications to document work and present project results.