



## COMPUTER ENGINEERING PROGRAM OUTCOMES

Students shall demonstrate achievement of the following \*program outcomes\* by the time of graduation from the Computer Engineering Program.

Key Description:

a)	An ability to apply knowledge of mathematics, statistics, computer science, and engineering as it applies to the fields of computer hardware and software.
b)	An ability to design and conduct experiments, as well as to organize, analyze, and interpret data.
c)	An ability to design hardware and software systems, components, or processes to meet identified needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
d)	An ability to function on multidisciplinary teams, working cooperatively, respectfully, creatively, and responsibly as a member of a team.
e)	An ability to identify, to formulate, and to solve hardware and software problems using engineering principles.
f)	An understanding of professional, legal, and ethical responsibility in engineering practice.
g)	An ability to communicate effectively by oral, written, and graphical means
h)	The broad education, necessary to understand the impact of computing and engineering solutions in a global, economic, environmental, and societal context.
i)	Recognition of the need for an ability to engage in lifelong learning, and an ability to independently acquire and apply required information.
j)	Knowledge of contemporary issues
k)	An ability to use the techniques, skills, and modern hardware and software tools necessary for computer engineering practice.