

ENGINEERING SCIENCE (AS) PROGRAM STUDENT LEARNING OUTCOMES

Upon successful completion of the AS in Engineering Science, the student will be able to:

1. Utilize theoretical engineering skills to solve engineering problems.
2. Apply mathematics skills to solve engineering problems..
3. Utilize principles of physics to derive solutions to engineering problems.
4. Apply engineering design principles to produce solutions that meet specified applications with consideration for environmental or economic factors.
5. Integrate computer skills in the formulation of solutions to engineering problems..
6. Communicate engineering-based material effectively to a wide range of audiences.