

**The Henry Samueli School of Engineering and
the Donald Bren School of Information and Computer Sciences
Program Learning Outcomes for Master of Embedded and Cyber-Physical Systems**

Core Knowledge. Students will be able to:

- Demonstrate general knowledge of core topics and theory in their focus area of embedded and cyber-physical systems necessary for professional practice.

Design Methods and Analysis. Students will be able to:

- Demonstrate contemporary techniques, skills, tools, and hands-on practice of embedded and cyber-physical systems design, optimization and evaluation.
- Demonstrate integrative knowledge of systems with software, hardware, sensors and actuators.
- Demonstrate hands-on experience in an application domain through a capstone project.
- Understand contemporary professional issues in their focus area.

Professionalism. Students will be able to:

- Demonstrate effective and professional communication and writing skills.