

# GRADUATE CERTIFICATE IN COMPUTER SYSTEMS ENGINEERING

---

The Graduate Certificate in Computer Systems Engineering is designed for students and professionals seeking knowledge and skills in state-of-the-art parallel hardware architectures, parallel software programming, algorithms, and networking technologies. Students stay current on rapidly advancing technology and learn to problem-solve for future challenges.

Students interested in graduate work should refer to CSU's Graduate and Professional Bulletin (<http://catalog.colostate.edu/general-catalog/graduate-bulletin/>).

## Learning Objectives

Upon successful completion, students will be able to:

1. Think critically about computing systems, including hardware, software, and hardware-software co-design issues.
2. Communicate effectively both with technical experts in their field and with experts from related fields who do not have specific background in computer systems.
3. Assimilate advanced knowledge from disciplines of science and engineering to broaden their expertise in computer systems.