

# GRADUATE CERTIFICATE IN COMPUTER SYSTEMS ENGINEERING

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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

Students will:

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 a specific background in computer systems.
3. Assimilate advanced knowledge from disciplines of science and engineering to broaden their expertise in computer systems.