

# ECSE 609. CUSTOM HIGH-PERFORMANCE COMPUTING ARCHITECTURES.

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Credits: 4

Offered by: Electrical & Computer Engr (Graduate Studies)

This course is not offered this catalogue year.

## Description

Design of custom computer architectures for high-performance computing. Reconfigurable computing elements and systems. Mapping algorithms to hardware. High-level synthesis and CAD algorithms. Applications to computing problems in physics, chemistry, and biology.

- (3-0-9)
- Prerequisites: ECSE 425 or ECSE 525, and ECSE 487 or ECSE 431.

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