

# ECSE 223. MODEL-BASED PROGRAMMING.

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Credits: 3

Offered by: Electrical & Computer Engr (Faculty of Engineering)

This course is not offered this catalogue year.

## Description

Integration of modelling with programming; abstraction in software engineering; structural modelling; state-based modelling; modelling of object-oriented systems, code generation; natural language constraints in modelling notations; architectural and design patterns; integrated development environments; programming tools (debugging, continuous build/integration, version control and code repositories, diff, defect and issue tracking, refactoring); code review processes.

- Prerequisite(s): ECSE 250 or COMP 250
- (3-2-4)

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