ECSE 539. ADVANCED SOFTWARE LANGUAGE ENGINEERING.

Credits: 4

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

Terms offered: Winter 2026

View offerings for Winter 2026 in Visual Schedule Builder.

Description

Practical and theoretical knowledge for developing software languages and models; foundations for model-based software development; topics include principles of model-driven engineering; concern-driven development; intentional, structural, and behavioral models as well as configuration models; constraints; language engineering; domain-specific languages; metamodelling; model transformations; models of computation; model analyses; and modeling tools.

- Prerequisite(s): COMP 303 or ECSE 321 or permission of instructor.
- (3-2-7)

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