

COMP 621. PROGRAM ANALYSIS AND TRANSFORMATIONS.

Credits: 4

Offered by: Computer Science (Graduate Studies)

This course is not offered this catalogue year.

Description

Program analysis and transformations are used in optimizing compilers and other automatic tools such as bug-finders, verification tools and software engineering applications. Course topics include the design of intermediate representations, control flow analysis, data flow analysis at both the intra- and inter-procedural level and program transformations for performance improvement.

- 3 hours
- Prerequisite: COMP 251 or equivalent, COMP 302 or equivalent, COMP 520 is useful but not strictly necessary

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