

Course Emphasis: Problem Solving Paradigm (Phases)

- Specify Requirements (understanding input/output, all possible cases) for a Given Application
- Designing Algorithm (High-level Logical Description)
- Analyzing Algorithm (Space-Time Trade-off, Practical Consideration)
- Refinement and Coding: Choosing ADT, Choosing a Programming Language
- Verification

Theoretical emphasis: 65%, Programming emphasis (projects): 35%