

# Course Overview

**CS 1025 Computer Science Fundamentals I**

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# Administrative Matters

- Course Outline
- Pre-requisites and anti-requisites

# Who is this course for

- Self-placement of “advanced” students with “significant” programming experience.
- In practice this means you have written programs using your own arrays and functions (a.k.a. methods, procedures, ...)

# Objectives

- You will become proficient in object-oriented programming with Java.
- It is *not* all about programming, however.
- You will learn about many of the central ideas of computer science, including
  - foundational theoretical concepts
  - main ideas of various specialized areas

# Who is your professor?

- Stephen Watt
  - PhD Waterloo
  - IBM Research for 12 years
  - University of Nice (France)
  - U Western Ontario since 1997
- Some of the things I've been up to...
  - Building computer algebra systems
  - Writing compilers
  - Pen-based computing
  - Research consortia, companies, conferences