

**Instructor:** Dr. David Casperson  
**Office:** Lib 5-444  
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**Hours:** *Lecture* M W F 12:30–13:20  
*Tutorial* T 14:30–15:50  
*Tutorial* R 13:00–14:20  
*Office* T 13:00–14:00  
*Office* W 15:30–16:20

**Text:** *C++ How to Program.* by H.M. Deitel and P.J. Deitel.

**Reference:** *The C++ Programming Language.* second edition. by B. Stroustrup.

**Grading:**

Assignments	:	15%	
Project	:	15%	
Quizzes	:	5%	
Exam 1	:	15%	Friday, 3 Feb (tentative)
Exam 2	:	15%	Friday, 21 Mar (tentative)
(Final) Exam 3	:	35%	

**Topics Covered (not necessarily in the order listed):**

Pointers, register variables, memory organization. Characters and Strings. Debugging. Recursion. Object-oriented programming concepts. Classes and Data Abstraction. Inheritance. Polymorphism. Exceptions and error handling. Stream I/O and type-safe input/output. File Processing and String Stream I/O. Dynamic storage allocation. Linked lists.

**General:**

- Late assignments will be assessed 10% penalty for each day that the assignment is late. No assignments will be accepted after corrected assignments have been returned to the class.
- Discussion of assignment topic is encouraged but all assignments must be done independently. Copied assignments will be considered as ‘Academic Dishonesty’. Responses to academic dishonesty may include awarding a mark of –100% on the assignment in question and formal notification of the Dean of Arts and Sciences.
- No Makeup exams/quizzes.
- **Quizzes will be unannounced and will be given during lectures, tutorials or labs.**