

CS 2102

Joshua Cuneo



How to Address Me

OK

- Josh
- Joshua
- Mr. Cuneo
- Professor
- Professor Cuneo
- Sir
- Dr. Cuneo

NOT OK

- Cuneo
- Hey you!
- Oh Captain, My Captain
- Etc.

TAs and SAs



Guaranteed Way to Pass This Class

- Do all of the reading
- Understand the concepts before coding
- Complete all assignments properly and on time
- Be punctual and pay attention
- Ask for help

Ask for Help

There is no such thing as a stupid question.

There is no such thing as too many questions.

InstructAssist

Joshua Cuneo (Instructor)**CS 2102 - Object-Oriented Design****Syllabus****Logout**

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**Worcester Polytechnic Institute**
Computer Science

CS 2102 B Term 2018
Object-Oriented Design Concepts

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What this course is about

CS 2102 is an intermediate-level course on program design. CS 1101/1102 focused on designing for correct program behavior. In CS 2102, we begin to consider other design goals - such as efficiency, maintainability, and scalability - without sacrificing correct program behavior. The course examines interactions between data structures, algorithms, invariants, and object-oriented code structure in the pursuit of good program design. All programming in the course is in Java, but the course does not assume prior Java experience. While the course covers certain issues specific to Java and object-oriented programming, the general principles apply broadly to most programming languages.

CS2102 is not an introductory programming course! The course assumes programming background at the depth of CS1101 (or CS1102). Students who have not had CS1101 or CS1102 should consult with the instructor before attempting the course; you will be responsible for teaching yourself the terminology of those courses at the start of the term.

Additional information about the course is available in the [WPI undergraduate catalog course description for CS 2102](#).

Staff

Instructor: Joshua Cuneo

<https://ia.wpi.edu/cs2102/>

Reading

Week	Notes and Readings	Topics	As
Oct 23 - 26	Lecture 1 objectives Lecture 2 objectives Lecture 3 objectives Notes: Migrating to Java (sections 1-9) Overview: Overview of CS 2102 topics Practice: Practice with Classes Practice: Practice with Methods Practice: Code review Methods Practice : Tracing Code Simple Methods	Classes, Objects, Methods, Interfaces	Ho Oc Lat
	Lecture 4 objectives Lecture 5 objectives		

Eclipse



<http://www.eclipse.org/>

Assignments

Assignment Type	Percentage
Exams (2)	30% (15% each)
Homework (6)	40%
Quizzes (5)	20% (4% each)
Labs (6)	10%

Recommended Experience

- CS 1101 or equivalent; NOT CS 1004
- We assume you are already familiar with
 - Arrays
 - Lists
 - Trees
 - Recursion
- No prior Java knowledge required

Labs with Room Still Available

Section Number	Meeting Time
BX05	4:00 pm – 4:50pm Wednesdays
BX10	5:00 pm – 5:50pm Wednesdays
BX12	4:00 pm – 4:50pm Wednesdays