

COP 3330, Spring 2013

## Introduction

Instructor : Arup Ghosh  
01-07-13

School of Electrical Engineering and Computer Science  
University of Central Florida

# Today's agenda

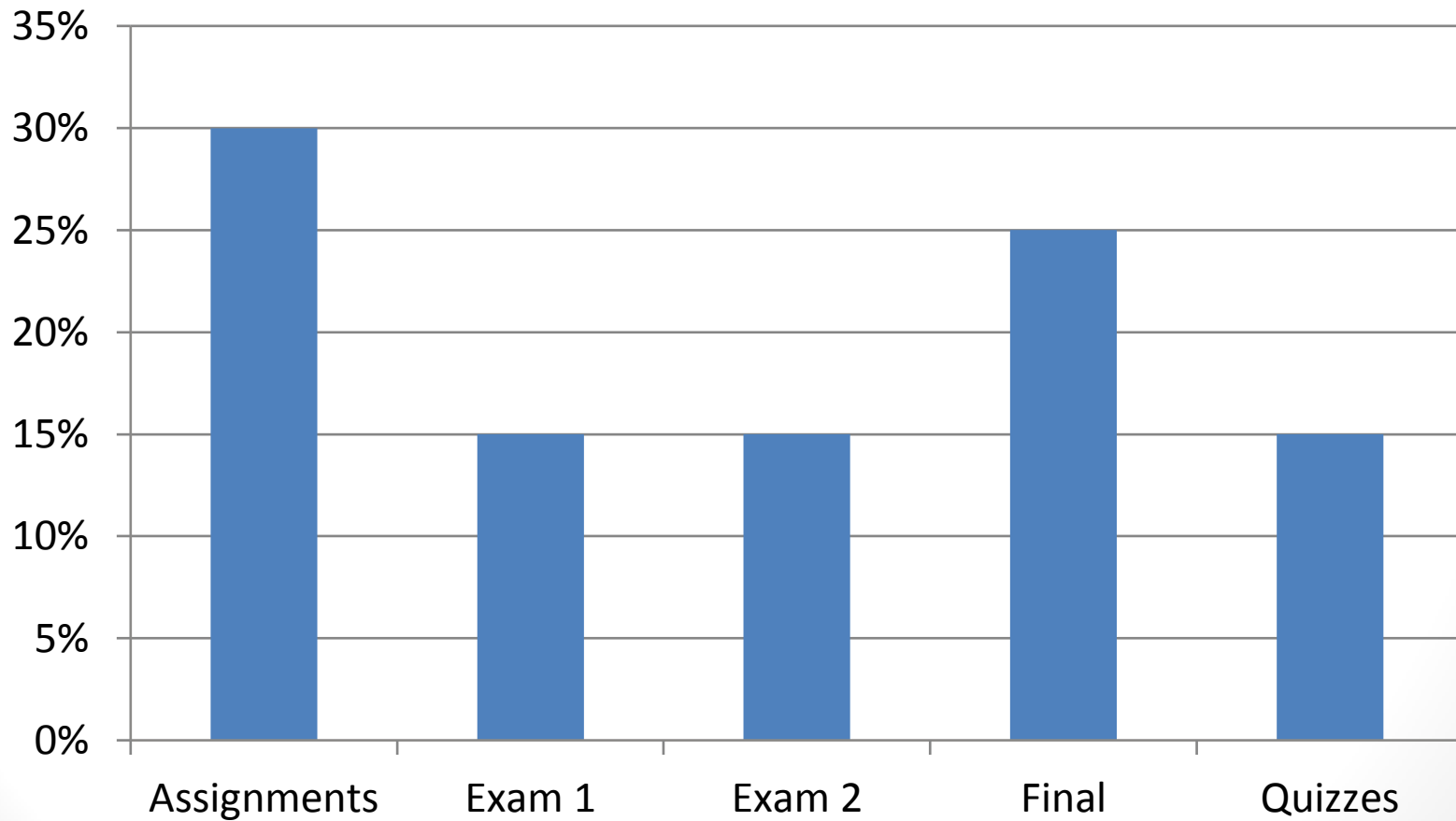
- Course Info
  - Assignments, Exams, Quizzes, etc.
- Tools of the trade
  - IDEs, Documentation, Resources, etc.
- A taste of power

# Syllabus

- See Canvas for a copy.
- Some details are TBA – keep an eye on Canvas for the updates.
- Use the listed email to get in touch with me.

# Grades

## Grading



# Assignments

- Usually every two weeks
- 5-6 in total, not counting the dummy

# Quizzes

- Through Canvas or in class
- Expect 1-2 every few weeks
- Usually just multiple-choice type questions
- Up for a week (in case of Canvas), do them at any point in that duration
- Don't bother me if you miss a quiz deadline.

# Exams

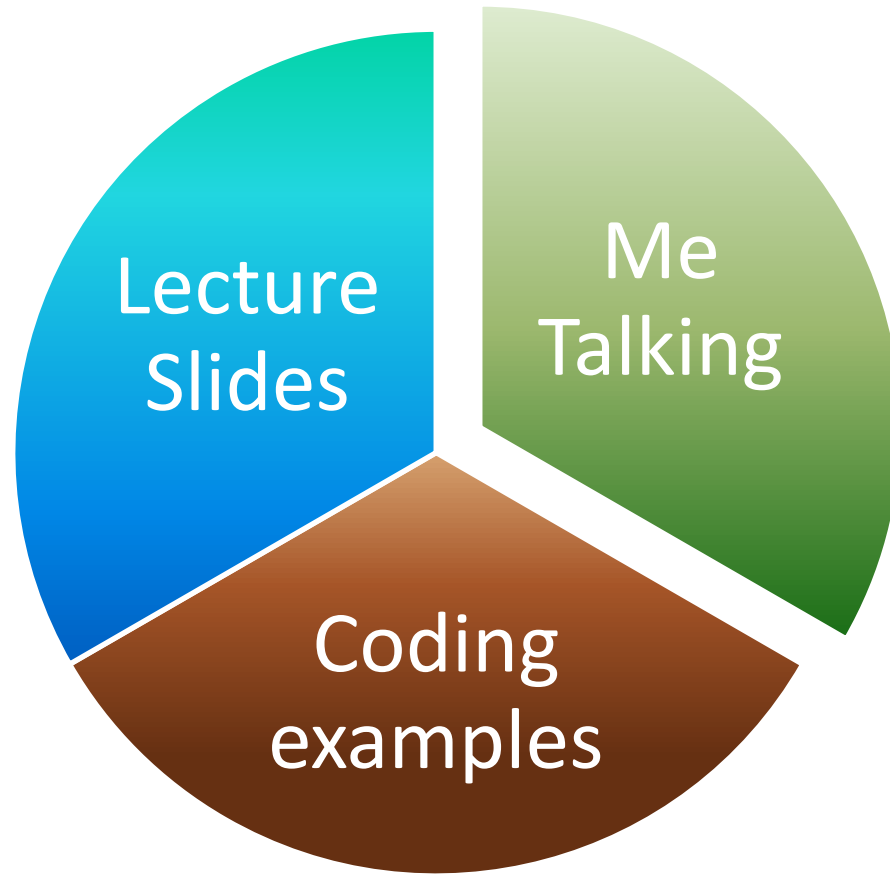
- If you understand the language, all else will follow.
- Focus on *understanding* – there's no real memorization involved.
- Almost always 1-2 coding questions, so be prepared.
- If you code by writing junk and hacking at it until it compiles, you'll be in trouble!

# How to do well in this class

- Tinker with the example programs
- Read ahead and experiment – coding is as much art as science.
- If you're stuck, see your TAs.



# General lecture pattern



# Lecture Slides

- Slides in class will be relatively concise
  - Usually just to accompany the lecture – more show than tell

# Tools and Resources

- JDK – Java Development Kit
- Eclipse IDE (optional – plenty of alternatives)
- Buy textbook – Java How to Program 9e by Deitel
- Useful resources:
  - Javadocs: <http://docs.oracle.com/javase/6/docs/api/>
  - Java tutorial on the Oracle website:  
<http://docs.oracle.com/javase/tutorial/>

# JDK

- Installation guide here:  
<http://docs.oracle.com/javase/7/docs/webnotes/install/>
- This will allow you to compile Java code.
  - JDK 6 is generally okay for us too, but there have been a few changes.
- You may already have a Java Runtime Environment (JRE). This doesn't have the compiler, so get the JDK.
- Linux users: The JDK is almost certainly in the repositories for your distro, so just use that.

# IDE

- I'll use Eclipse in class: <http://www.eclipse.org/downloads/>
  - Avoid Eclipse for Java EE – that's got different stuff.
- There are many other options. NetBeans is equally good.
- If you're a pro, use a text editor and compile/run on the command line.
  - Notepad++: <http://notepad-plus-plus.org/>
  - Mac users: Make sure you're not saving in rich text format!

# Power...

- Java = Money? 😊
- Finally, note that Eclipse itself is written in Java!
  - When you're annoyed at an assignment, remember these and learn to crawl before you can walk.