CS351: Programming III: C++
Course Syllabus
Fall 2015
Two Credit Hours
http://cs351.cs.ua.edu

SECTION 001, 9am-9:50am MW, Hardaway 207

Course Objectives:
After successfully completing this course, students will be able to
• Build large projects using production computer programming languages.
• Manage large programming projects.
• Use software tools to build and manage programming projects.

Course Description:

Prerequisites: CS 250 or ECE 285.

Text:
• Fraser, Pro Visual C++/CLI and the .NET 3.5 Platform, Apress (not required).

Instructor:
Xiaoyan Hong, Email: hxy at cs domain, office: 3412 SEC, phone 348 4042

Office hours:
Office Hours: Wed 12 – 1pm, or by appointment

Grading:
• Mid-term (24%), and final (40%)
• About 6 assignments and projects (36%).
• Quizzes and class participation (5%)

Topics to be covered:
• Basic Data Types and Operations
• Control Structures
• Methods/Functions
• Object-oriented Programming
• Graphics
• Event-driven Programming
• GUI Components
• Multithreading
• Files and Streams
• Networking

Class Policy:
• Attendance policy: Students are required to attend all class meetings. The final grade is partially based on class participation. Students are responsible for all announcements and information given in class as well as material that is part of an assigned reading. If you are absent, it is your responsibility to get the notes and announcements.
• Makeup policy: A student is allowed to make up assignments, projects, or exams missed only if he/she has an excusable reason.
• Grading policy: If you have questions regarding the grading of your assignments or exams, you MUST come to see the instructor WITHIN ONE WEEK after the date your assignments or exams have been returned to you.
- **Academic Dishonesty Policy:** All assignments and exams are to be done individually or by the team if applicable. You may discuss problems in any assignment with your colleagues or use reference material, but collaborating on specific assignments with students and/or copying solutions is expressly forbidden. For the programming projects, it is expected that you have written EVERY LINE OF CODE that you submit (with the exception of code given out in class).

If a student (team) is suspected of academic dishonesty, he/she (they) will be turned into the proper university personnel. For more information, reference the Computer Science Department's guidelines.

**Accommodations for Students with Disabilities:**
- To request disability accommodations, please contact the Office of Disability Services (348-4285). After initial arrangements are made with that office, contact the instructor.

**Severe Weather Policy:** Following UA severe weather policy