CS 499: Software Development

Instructor: Dr. Boris Kerkez
Office: 206 Patterson Technology Center
Phone: 289-5833
Email: bkerkez@ashland.edu
WWW: www.ashland.edu/~bkerkez

Office Hours: Mon 11-12, 2-3, Tue 10:30–12:30, Wed 11-12, Thu 12-1, Fri 11-12, and by appointment

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Teaching Methodology: Software Development is project-oriented. During the first week of classes, arrangements have been made for representatives from 2 local companies and an AU professor to come and present a real-world project to class. We will then evaluate the projects and decide whether to work on them or look for another project. After that, we will meet in class on regular bases to discuss issues related to the project. Students will be expected to continue working on the project outside class time.

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CS 499: Software Development

Tentative Weekly Course Schedule, Spring 2014

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4, 5, 6, 7, 8	Software Development
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10	Progress report and Q & A session
11, 12, 13	Software Development
14 & 15	Submission of completed project and final report

CS 499: Software Development

Instructor: Dr. Boris Kerkez
Office: 206 Patterson Technology Center
Phone: 289-5833
Email: bkerkez@ashland.edu
WWW: www.ashland.edu/~bkerkez

Office Hours: Mon 11-12, 2-3, Tue 10:30–12:30, Wed 11-12, Thu 12-1, Fri 11-12, and by appointment

Course Objectives: Students will be introduced to application of product engineering methods to the design and development of real-world software. The methods utilized include, but are not limited to: verification and validation, quality assurance, project management, requirements analysis, specifications, design, development, testing, production and maintenance.

Student Outcomes: Software Development introduces students to the discipline of developing useful and high-quality real-world software-based systems. Students will learn and utilize techniques needed for effective software engineering, as well as acquire the skills required to succeed as a software professional. Upon a successful completion of the course, students should be able to perform the following tasks:

- ***Software Creation.*** Understand, negotiate, clarify and document customer requirements. Analyze, design, implement, test and debug high-quality software programs to meet customer requirements. Evaluate alternatives to develop a prudent development process for a particular project.
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