

Fayetteville State University  
College of Arts and Sciences  
Department of Mathematics and Computer Science  
CSC 350-01 Service Learning  
Fall 2010

I. LOCATOR INFORMATION

Instructor: Dr. Bing Wu	Email address: <a href="mailto:bwu@uncfsu.edu">bwu@uncfsu.edu</a>
Office Phone: 910-672-1363	Office Location: LS 129
Course Number and Section: CSC 350-01	Office hours: W 9:00 – 12:00PM; 1:00 – 4:00PM
Semester Credit Hours: 2	TR 1:00 – 2:00 PM
Day and Time Class Meets: online	

**FSU Policy on Electronic Mail:** Fayetteville State University provides to each student, free of charge, an electronic mail account ([username@broncos.uncfsu.edu](mailto:username@broncos.uncfsu.edu)) that is easily accessible via the Internet. The university has established FSU email as the primary mode of correspondence between university officials and enrolled students. Inquiries and requests from students pertaining to academic records, grades, bills, financial aid, and other matters of a confidential nature must be submitted via FSU email. Inquiries or requests from personal email accounts are not assured a response. The university maintains open-use computer laboratories throughout the campus that can be used to access electronic mail. Rules and regulations governing the use of FSU email may be found at <http://www.uncfsu.edu/PDFs/EmailPolicyFinal.pdf>

II. COURSE DESCRIPTION

Under the supervision of faculty of the Department of Mathematics and Computer Science, students will provide a service within the Department. Students will read course materials and respond to Discussion Board questions to become familiar with the materials, problem-solving skills, and approaches that will aid in the performance of service. Students will also reflect on their service to provide an understanding of the context for the service. Course grade is either pass (P) or not pass (NP).

III. DISABLED STUDENT SERVICES:

If you have a disability or think you have a disability, please contact the Center for Personal Development in the Spaulding Building, Room 155 (1<sup>st</sup> Floor); 910-672-1203.

IV. TEXTBOOK — No formal textbook is used, use references given in section V.

V. REFERENCES

The following articles, available on Blackboard, are required reading--

- ERIC Digest No. 198. *Service Learning: More than Community Service*.
- Learn and Serve America. <http://servicelearning.org/what-service-learning>
- Blanchard, Drew. *Academic Service-Learning: The Reflection Concept*, Center on Philanthropy at Indiana University

VI. STUDENT LEARNING OUTCOMES

Through course completion, students will--

- Students will apply knowledge of computing or mathematics in a supervised service learning experience
- Students will gain an understanding of professional, ethical, and social responsibilities through performing a supervised service learning experience
- Students will demonstrate effective written communication by maintaining a journal of their service learning experiences
- Students will analyze articles on continuing professional development in computer science

## VII. COURSE REQUIREMENTS AND EVALUATION CRITERIA

Performing 4 hours of service per week per credit is mandatory for a grade of P. In addition, a journal, one reflective paper, and five discussion board responses are required and will be weighted as follows:

Journal: 20%      Reflective paper: 30%      Discussion Boards: 20%      Mentor Feedback: 20%

The grading scale is as follows:      Pass (P) 70% - 100%      Notpass (NP) 0% - 69%

The requirements for the journal and reflection papers can be found under the Course Documents folder in the Blackboard.

## VIII. ACADEMIC SUPPORT RESOURCES

Dr. Wu is available by email during office hours, W 9:00 AM –12:00 PM; 1:00 –4:00PM, TR 1:00 – 2:00 PM (other hours by appointment only).

## IX. CONTINUITY OF INSTRUCTION

In case FSU must close for an emergency during the semester, instruction will continue using Blackboard.

## X. COURSE SCHEDULE

<b>Week</b>	<b>Course content</b>	<b>Due dates</b>
8/16	Overview of Service Learning; Syllabus	
8/23	<i>Service Learning: More than Community Service</i>	Discussion Board 1
8/30	<i>Service Learning: More than Community Service</i>	
9/6	<i>Academic Service-Learning: The Reflection Concept</i>	Discussion Board 2
9/13	<i>Example of a Service Learning Reflective Paper</i>	
9/20	Reflection in the context of CSC 350	Discussion Board 3
9/27	<i>Example of a Service Learning Reflective Paper</i>	Draft journal submitted
10/4	Reflection in the context of CSC 350	Discussion Board 4
10/11		Midterm break
10/18	Reflection in the context of CSC 350	
10/25	Reflection in the context of CSC 350	Draft journal submitted
11/1	Reflection in the context of CSC 350	Draft reflection paper submitted
11/8	Reflection in the context of CSC 350	Discussion Board 5
11/15	Reflection in the context of CSC 350	
11/22	Reflection in the context of CSC 350	
11/29	Reflection in the context of CSC 350	Journal and Reflection Paper due
12/6	Reflection in the context of CSC 350	Project feedback from mentors

- This schedule is subject to change for the optimum benefit of the class as a whole. Therefore, it is important to stay alert and participate in class forums regularly.

## XI. TEACHING STRATEGIES

Students are required to read articles, comment on those articles through discussion boards, and to perform service within the Math and Computer Science Department.