Tuskegee University

**Department of Computer Science**

**CSIT 245: Introduction to Application Development Tools**

**Fall 2017**

**Lecture: TTH 11-12:30 pm**

~~~~~~~~~ *Instructor Information* ~~~~~~~~~

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| **Instructor:** Destanni “Nikki” Golatt |  |
| **Office:** 3rd Floor Cubicles | **Email:** dgolatt3384@tuskegee.edu |
| **Office Hours:** By appointment | |

~~~~~~~~~ *Course Information* ~~~~~~~~~

**Course Description and Outcomes:**

This course is an introduction to various tools and their use in developing software applications for the World Wide Web. Fundamental principles of interface design and introduction to scripting languages will be discussed. (Credit Hours 3, Required for CSIT majors, Pre-requisite: CSCI 210)

You will learn about topics such as:

* HyperText Markup Language (HTML) for authoring web pages
* Cascading Style Sheets (CSS) for supplying stylistic information to web pages
* PHP Hypertext Processor for generating dynamic pages on a web server
* JavaScript for creating interactive web pages
* Cookies and sessions
* Web security / security principles

**Course Materials:**

**Textbook:**

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| textbook cover | Title: Web Programming Step by Step, Second Edition  Author: Marty Stepp, Jessica Miller, and Victoria Kirst Publisher: self-published via Lulu.com ISBN for Second Edition: 978-1-105-57878-6  [www.webstepbook.com](http://www.webstepbook.com) |

Problems and assignments will not be assigned out of this book. But the book was written specifically for this course by the instructor and makes a useful supplement to the lectures. It contains practice materials, case studies, and sample programs you can use to help you on your homework and study for your exams. The first edition of the textbook will mostly suffice but is missing a few topics and changes that we may incorporate.

**Supplements:** Online (TBA)

**Blackboard:**  This course is a blackboard aided course. Please visit blackboard for assignments and pertinent information from the instructor on a regular basis. Students are required to obtain and use their **MYTU** email to communicate with the instructor.

~~~~~~~~~ *Grading Policy* ~~~~~~~~~

**Grading Components:**

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| Assessment Item | Weights |
| Assignments, Homework, & Projects | 45% |
| Regular Exams and Comprehensive Exam | 45% |
| Attendance, Class Participation, & Dress code | 10% |

**Grading Scale:** A: 90-100% B: 80-89% C: 70-79% D: 60-69% F: 0-59%

**Supplemental Information**

**Assignments:** Programming assignments must be completed individually. You may discuss an assignment in general terms with other students, including a general discussion of how to approach the problem, but all code you submit must be your own. Any help you receive from classmates should be limited and should never involve details of how to code a solution. You must abide by the following:

* You may not work as a partner with another student on an assignment.
* You may not show another student your solution to an assignment, nor look at his/her solution.
* You may not have another person "walk you through" an assignment, describe in detail how to solve it, or sit with you as you write it. You also may not provide such help to another student. This includes current or former students, tutors, friends, TAs, web site forums, or anyone else.
* You may not post your homework solutions on a publicly accessible (non-password-protected) web server, during the course or after the quarter has completed. Please see the course web site for acceptable ways to share your work with others.

Under our policy, a student who gives inappropriate help is equally guilty with one who receives it. Instead of providing such help to someone who does not understand an assignment, point them to other class resources such as lecture examples, the textbook, or emailing a TA or instructor. You must not share your solution code and ideas with others. You must also take reasonable steps to ensure that your work is not copied by others, such as by making sure to log out or lock shared computers, not leaving printouts of your code in public places, and not emailing your code to other students or posting it on the web or public forums. Please contact the instructor if you are unsure whether a particular behavior falls within our policy. **Any violation will result in a zero (0) grade for the assignment.**

**Late Work: No late work is accepted!!** The designated directory will be closed at the due time automatically. Afterwards, no student will be able to have access to his/her directory. Note: *If you have a validated and documented excuse, the instructor reserves the right to accept it and allow the student to make up any work he or she missed. It is the student’s responsibility to show the excuse and get permission to complete any assignments missed. The student should present the excuse the first day back in class and the student has one week to complete the make-up work.*

**Reporting Errors in Grading:** Once the instructor returns an assessment item (exam, project, etc.) to the class, students have up to one week to report instructor grading errors. This time is not extended for students not attending class when the assessment item was returned.

~~~~~~~~~ *Classroom Procedures & Rules* ~~~~~~~~~

**Dress Code:** CBIS has an established dress code of “Business Casual Attire” for all classes held in Brimmer Hall. Formal Business Attire may also be specified (e.g. during class presentations) on special occasions. Failure to adhere to the dress code could lead to expulsion from class and points deducted from your final grade (instructor discretion). Dress Attire do’s and don’ts will be available on blackboard or via handouts in the main office (4th floor Brimmer Hall).

**Attendance:**  Class attendance and participation is mandatory. **Each student will be allowed 3 unexcused absences through the course of the semester. Any additional absences may result in points being deducted from your final grade (instructor discretion). Students that have more than 6 unexcused absences may receive a final grade of F.** All classes begin 10 minutes after the scheduled class hour. You will not be allowed to enter or exit class once class discussions have started.

**Electronic Devices:** Students are to silence pages, cell phones, alarms and other such electronic devices before entering the classroom. These devices are not to be used during any class activity or exam. Students are allowed to use lap tops for note taking purposes, but surfing the internet, checking emails and instant messaging during the class hour is prohibited.

**Academic Honesty:** Honesty in academics, as well as in other matters, is expected of everyone at Tuskegee University. It is the obligation of all to adhere to this standard. Individuals are expected not to cheat or be dishonest, not to create the appearance of being dishonest, and not to contribute to or condone the dishonesty of others. Further discussion of policies on academic honesty appears in The Tuskegee University Bulletin.

**Students with Disabilities:** Tuskegee University has reasonable accommodations and services which include buildings that are handicapped accessible. Services may include extra time for exams, special seating arrangements, a class note taker, extended time for papers/projects, frequent one-on-one conferences, and/or alternate format materials (i.e. taped recorded classes, taped texts, etc.) Accommodations and services are designed to meet each individual’s need. Students should contact:

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| Ardelia M. Lunn  Tuskegee University Counseling Center  Old Administration Building – Room 215  Tuskegee, AL 36088  [amlunn@tuskegee.edu](mailto:amlunn@tuskegee.edu)  Phone: (334) 727-8147  Fax: (334) 724-4661 |

**Eating & Drinking**: Brimmer Hall has been dedicated to all current and future students in the college of business and information science. All students are asked to be respectful of this beautiful building and the equipment housed there in. Eating and drinking is allowed only in designated student lounge on the 1st floor.