Instructor  
Dr. Mark B. Motl
E-mail  
Mark.Motl@angelo.edu
Office  
MCS 205M
Phone  
Voice: 486–5420; FAX: 942–2213
Office Hours  
MTWRF 9:30 a.m.–10:30 a.m.
Class Web Page  
www.cs.angelo.edu/~mmotl/

Objectives  
This course focuses on the technologies that make up the Internet including servers, clients, protocols, browsers and mechanisms for executable content.

Prerequisite  
CS 2315

Textbook  

Grading  
Your course grade will be based on the following:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assignments</td>
<td>75%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>25%</td>
</tr>
</tbody>
</table>

Overall final average 90%+ = A, 80%+ = B, 70%+ = C, 60%+ = D.

Assignments  
The following guidelines are to be observed concerning the programming assignments (labs):
- Labs are due by the end of the day on the designated due date.
- Late assignments will be penalized 15% for each calendar day past the due date.
- Once an assignment has been graded, it can no longer be submitted for credit.
- The labs will be developed on the department’s Unix environment.
- All assignments will be submitted electronically.
- Assignments will be graded on the CS department’s Unix environment.
- You are responsible for doing your own work. You may be asked to defend/explain your work at any time. You are encouraged to work with your classmates and use the resources of the Internet to understand and complete the assignments; however, when you submit an assignment, you are verifying that it is your own work. Cheating will not be tolerated.

Quizzes  
You will be expected to complete end-of-chapter quizzes. The quizzes will be available on Blackboard.

Academic Honor Code  
Angelo State University expects its students to maintain complete honesty and integrity in their academic pursuits. Students are responsible for understanding the Academic Honor Code, which is available on the web at

http://www.angelo.edu/forms/pdf/honorcode5.pdf

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### Academic Accommodations

Persons with disabilities which may warrant academic accommodations must contact the Student Life Office, Room 112 University Center, in order to request such accommodations prior to any accommodations being implemented. You are encouraged to make this request early in the semester so that appropriate arrangements can be made.

### Student Absence for Observance of Religious Holy Day

1) “Religious holy day” means a holy day observed by a religion whose places of worship are exempt from property taxation under Texas Tax Code §11.20.

2) A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. A student who is absent from classes for the observance of a religious holy day shall be allowed to take an examination or complete an assignment scheduled for that day within a reasonable time after the absence.

3) A student who is excused under section 2 may not be penalized for the absence; however, the instructor may respond appropriately if the student fails to complete the assignment satisfactorily.

### Student Learning Outcomes

By completing this course,

1) Students will have an understanding of how TCP/IP works to provide a namespace and how bytes are transferred back and forth between computers.

2) Students will have an understanding of how the HTTP protocol and HTML combine to build the Web.

3) Students will have an understanding of how HTML forms and the CGI interface can be used to build dynamic HTTP content from the server side.

### Assessment of Student Learning Outcomes

Methods of assessment:

1) Programming assignments
2) Exams
3) Course exit survey

### Course Topics

The following list of course topics is tentative and subject to change and adaptation.

1) Getting Started with PHP
2) Functions and Control Structures
3) Manipulating Strings
4) Handling User Input
5) Working with Files and Directories
6) Manipulating Arrays
7) Managing State Information
8) Developing Object-Oriented PHP