Instructor: James Kelley
Office: AAB 311
Phone: (410) 334-2835
jkelley@worwic.edu

OFFICE HOURS:
See www.worwic.edu

COURSE DESCRIPTION:
This course builds on the skills acquired in CMP 117, introducing Visual Basic.NET and ASP.NET. Students learn how these tools are used to develop hypertext markup language (HTML), scripts, Active Server Pages (ASP), and other applications. Prerequisite: CMP 117. Laboratory fee: $15. Usually offered in the fall.

COURSE MATERIALS:

Blackboard is being used as a supplemental tool for this course. To access course content in Blackboard you need to have access to a computer with an Internet connection. Computers are available on campus in MTC 200, AAB 217, HH 100, GH 204 and WDC 305.

Please follow these directions to access course syllabi and other materials posted:

Login Information:
1. From Wor-Wic home page, point to “Quick Links” (top-right) and select “Blackboard Login”.
2. Enter your Wor-Wic user ID and password (same as your Wor-Wic email user ID and password).

Materials:
1. A Computer with Windows XP or greater with access to the Internet.
2. Microsoft Office 2003 or greater (or OpenOffice or LibreOffice, latest version)
3. PHP and MySQL
4. WordPress

Skills:
1. Excellent knowledge of the Internet and computers
2. Excellent knowledge of the Microsoft Windows OS
3. Able to download and install software independently
4. Be able to work independently and motivated to complete assignments in a timely basis
5. Be able to access the BlackBoard Course Management System.
<table>
<thead>
<tr>
<th>Course Objectives</th>
<th>Assessment Goals</th>
<th>Assessment Strategies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explain the programming process. (GEO 7)</td>
<td>Use and name variables&lt;br&gt;Describe data types&lt;br&gt;Explain decision and loop execution</td>
<td>Exam questions, quizzes, and graded lab exercises</td>
</tr>
<tr>
<td>Use Web Based Databases. (GEO 7)</td>
<td>Explain key database concepts&lt;br&gt;Create and use an online database&lt;br&gt;Manipulate data&lt;br&gt;Retrieve data</td>
<td>Exam questions, quizzes, and graded lab exercises</td>
</tr>
<tr>
<td>Develop simple PHP applications. (GEO 7)</td>
<td>Create basic PHP scripts&lt;br&gt;Use PHP in an HTML script</td>
<td>Exam questions, quizzes, and graded lab exercises</td>
</tr>
<tr>
<td>Create simple online projects. (GEO 7)</td>
<td>Create the user interface&lt;br&gt;Use standard controls&lt;br&gt;Write statements at browser and host levels</td>
<td>Exam questions, quizzes, and graded lab exercises</td>
</tr>
<tr>
<td>Develop online Forms(GEO 7)</td>
<td>Write simple forms scripts&lt;br&gt;Use appropriate controls</td>
<td>Exam questions, quizzes, and graded lab exercises</td>
</tr>
<tr>
<td>Develop Web Applications. (GEO 7)</td>
<td>Build a Web form&lt;br&gt;Validate input data</td>
<td>Exam questions, quizzes, and graded lab exercises</td>
</tr>
<tr>
<td>Plan a PHP Web Application. (GEO 7)</td>
<td>Explain PHP basics&lt;br&gt;Manage PHP program flow&lt;br&gt;Plan a PHP Web application&lt;br&gt;Discuss relationship between PHP and MySQL</td>
<td>Exam questions, quizzes, and graded lab exercises</td>
</tr>
<tr>
<td>Program an application to produce output and accept input. (GEO 7)</td>
<td>Online application accepts input and produces output.&lt;br&gt;Write a simple host level program.</td>
<td>Exam questions, quizzes, and graded lab exercises</td>
</tr>
</tbody>
</table>

This course satisfies GEO 7

**COURSE GUIDELINES**
The course will be 2 lecture hours and 2 laboratory hours per week. As a second year course the requirements will be that the students work independently and in groups to develop the basics of dynamic web pages and use ASP.NET, PHP and other tools in this process. Laboratory hours are observed to give the student a chance to practice each lesson presented. Lab Exercises are monitored and evaluated during the lab hours.

**COURSE EVALUATION**

1. Final Exam 20%
2. Labs 40%
3. Electronic Lab Assignment 10%
4. Project/Presentation 10%
5. Weekly Quizzes 10%
6. Discussions/Class Participation 10%

**TOTAL 100%**

Letter grade will be assigned as follows:
A = 90-100% – Excellent – An ‘A’ denotes intellectual initiative as well as high academic achievement.
B = 80-89% – Good – A ‘B’ denotes above average completion of course requirements.
C = 70-79% – Average – A ‘C’ denotes a satisfactory understanding of course principles and techniques.
D = 60-69% – Poor – A ‘D’ denotes marginal understanding of course principles and techniques.
F - Less than 60% – Unacceptable – An ‘F’ denotes that course requirements and standards were not met.

I do not GIVE you a grade, you EARN the grade!

ATTENDANCE POLICY
Absence/Lateness: NOT ALLOWED
NO MAKEUP TESTS
If absolutely necessary for a very good reason (death, illness) please:
- NOTIFY ME AT (410) 334-2835 or email: jkelley@worwic.edu
- ARRANGE TO GET NOTES FROM ANOTHER STUDENT
- SET UP MEETING WITH ME DURING OFFICE HOURS OR APPOINTMENT

There are only 13 weeks, and the final exam. School is like a job. It is a commitment and absence or lateness will not be tolerated as it would not be tolerated in the workplace. If you miss or are late for classes, you miss important material and you will fall behind. It is YOUR RESPONSIBILITY to make up any missed class work, even for NO credit. If you miss more than 3 weeks work, you are missing 25% of the course. The Technology Department holds its students to the highest of standards, just as a corporation would do. Therefore, if you fail to sign on to Blackboard, or fail to complete more than 3 weeks work, you will not pass this course.

ASSIGNMENT POLICY
All Homework and Reading Assignments MUST be submitted on time. NO CREDIT FOR LATE WORK. If you do not do your homework and reading, you will not be able to keep up with the class. I will not slow down to pick up students who are not committed to making every class and doing reading and homework as assigned. I cannot check that you have done your reading but that will show in your work and ability to keep up.

QUIZZES and TESTS
All Tests will be based on the Text, Labs and Lecture Material. A final assessment will be a teacher made comprehensive final exam (summative). NO MAKEUP TESTS OR QUIZZES.
The Final exam will be given at a testing center for online classes or at the scheduled day and time in the classroom and will last two hours. There will be two components to each test. The first component is a Closed Book exam, usually multiple choice questions similar to the Tutorial Quizzes. The second component is an open book exam that will test the students programming skills. This use of a computer MAY NOT be required.

ACADEMIC HONESTY POLICY
Students are required to maintain a high level of academic performance. Cheating and plagiarism are defined in Wor-Wic’s Student Conduct Policy (appendix of College Catalog).

What is Obvious and Malicious Plagiarism?
1. Cut & Paste from a source (not on Works Cited at all); whole sentences and / or paragraphs not cited/quoted.
2. Source information is not cited and no attempt has been made to cite it (in-text or on Works Cited/References page); some information from other sources is cited, but some is not (not on Works Cited/References page either)
3. Source information is obviously used (paraphrased or quoted) but there are NO in-text citations AT ALL; either quoted material or material that obviously is not common knowledge.
4. Submitting another student’s paper as one’s own; This is also a serious Violation of Academic Values for Cheating (A), Facilitating Academic Dishonesty (C), and Violations of Civil
Conduct for Disorderly Conduct, all as defined in the College Catalog (see current version). Therefore, increased penalties may be applied.

**ELECTRONIC LAB ASSIGNMENT**

**DUE: See Course Calendar**

This paper must be 3 pages plus a cover page and a bibliography. It should include a thesis statement, the report and a summary. You must include a minimum of 4 references, at least two of those references must be from the Internet and one reference must be from the electronic library in the media center. You may not include your text as a reference.

Paper must be typed in 12 point type and double spaced. APA format is required. Proper APA inline citations required. If necessary, see the rules for the APA format on the college web site.

**H1N1 STATEMENT FOR SYLLABUS**

In the event of a flu epidemic or other emergency that results in the suspension of classes, faculty will be communicating with students about their courses and course requirements, such as assignments, quiz and exam dates, and class and grading policies, via faculty websites or Blackboard. Students will be responsible for completing all these assignments in accordance with class policies. Information about the resumption of classes will be communicated via the College's website and email system.

**Required statement concerning use of academic integrity and computer usage policy:**

All students logging into Blackboard affirm that they understand and agree to follow Wor-Wic Community College policies regarding academic integrity and the use of College resources as described in the college catalog. Wor-Wic Community College considers the following as violations of the computer usage policy:

- Using the campus computing network and facilities to violate the privacy of other individuals.
- Sharing of account passwords with friends, family members or any unauthorized individuals

Violators are subject to college disciplinary procedures.

**NO CELL PHONES PERMITTED IN CLASS.**
### Grading Rubric

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>F</th>
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<tbody>
<tr>
<td><strong>Practical</strong></td>
<td>Each assignment demonstrates an understanding of the objective.</td>
<td>Most assignments demonstrate an understanding of the objective.</td>
<td>Some assignments demonstrate an understanding of the objective.</td>
<td>Assignments incomplete or missing. Shows little or no effort in assigned work. Assignment does not meet stated requirements.</td>
</tr>
<tr>
<td>(Use of technology to obtain information GEO 7)</td>
<td>The correct use of commands and syntax is evident. Assignments always meet and exceed stated requirements.</td>
<td>The correct use of commands and syntax is evident. Assignments meet and usually exceed stated requirements.</td>
<td>The correct use of commands and syntax is usually evident. Assignments meet the stated requirements.</td>
<td></td>
</tr>
<tr>
<td><strong>Theory</strong></td>
<td>Each of the problems/answers is accurate and demonstrates understanding of the objective. Well formatted and saved in the appropriate file format. Work always exceeds stated requirements.</td>
<td>Most of the problems/answers are accurate and demonstrates understanding of the objective. Well formatted and saved in the appropriate file format. Work usually exceeds stated requirements.</td>
<td>Some of the problems/answers are accurate and demonstrates understanding of the objective. Formatted and saved in the appropriate file format. Work meets stated requirements.</td>
<td>Problems/answers usually show no understanding of the objective. Work does not meet the stated requirements.</td>
</tr>
<tr>
<td>(Use of Technology to communicate information GEO 7)</td>
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## CMP 214 – Programming Applications for the Internet
### Hybrid

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<tr>
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<td>Chapter 3 &amp; 4</td>
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<td>09/23/14</td>
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<td>09/30/14</td>
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<td>10/07/14</td>
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<td>Chapter 9 &amp; 10</td>
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