Syllabus for MATH 115  
Applied Math for Business Spring 2016 Sec 005

Instructor: Dr. John Chrispell  
Meeting: 9:30-10:45 MWF (Stright Hall 329)  
Office: 217 Stright Hall  
Office Hours: Tue (3:00 PM - 4:30 PM), Wed (8:30 AM-10:30 AM), Thur (1:30 PM - 3:00 PM)  
or by appointment.  
Phone: (724) 357-4768  
Email: John.Chrispell@iup.edu  
[http://www.math.iup.edu/~jchrispe/](http://www.math.iup.edu/~jchrispe/)

**Text Book:** Calculus and its Applications by Bittinger, Ellenbogen, and Surgent.

**Calculator:** Students will be permitted to use a graphing calculator on all course assignments including chapter tests and the final exam. A TI-graphing calculator is strongly encouraged.

**Homework / Learning Activities or Quizzes / Tests / Final Exam :**

Your course grade will be based on several items including homework assignments, class learning activities or quizzes, three semester tests and a cumulative final exam.

**Homework** The on-line homework system WeBWork will be used for assignments throughout the semester. I may also give out several worksheet homework assignments. The following is a weblink to the IUP WeBWork site:


**Learning Activities** At different times over the course of the semester learning activities may be given. These will be collaborative in class assignments allowing students to work together in small groups. Learning activities may be collected at the end of class and graded and will serve the place of quizzes.

**Tests** The mid-semester tests for this class will be held in class on the dates listed below.

**Missed Test / Learning Activity / Quiz / Homework Policy:** I will not give make up tests or learning activities. I will allow the final exam score to replace your lowest regular class test score, provided the score on the final is higher. Your lowest learning activity or quiz grade will be dropped. If you are unable to write a test, you must notify the instructor *prior* to the test with an acceptable excuse and arrange a time to take it before the missed test. I will not accept late homework, or learning activities.
### Distribution

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<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Homework and</td>
<td>30%</td>
<td>Assigned Throughout the Semester</td>
</tr>
<tr>
<td>Learning Activities</td>
<td></td>
<td>In Class Throughout the Semester</td>
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<tr>
<td>Test 1</td>
<td>15%</td>
<td>Thursday February 11th, 2016</td>
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<tr>
<td>Test 2</td>
<td>15%</td>
<td>Thursday March 24th, 2016</td>
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<tr>
<td>Test 3</td>
<td>15%</td>
<td>Thursday April 21st, 2016</td>
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<tr>
<td>Final Exam</td>
<td>25%</td>
<td>Thursday May 5th (8:00 am -10:00 am)</td>
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There will be no curve. Grades will be based on the pre-determined scale with

\[
90\%+ = A, \ 80\%+ = B, \ 70\%+ = C, \ 60\%+ = D \text{ and below } 60\% = F
\]

### Attendance:
Regular attendance is key to success in this or any course. Students are expected to attend class. It is your responsibility to make arrangements with another student to obtain missed class information.

### Cell Phone/ I-Pod/Laptops Policy:
No cell phones or ipods are allowed during class time. Please refrain from using your devices in the classroom.

### Class Structure:
Class will be interactive and you will be expected to participate by answering questions and working problems and class activities during class time.

### Course Information:
A link to a personal course page with homework and keys is available at:

http://www.math.iup.edu/~jchrispe/Page_Teaching.html

A useful interactive homework site that you may use to get additional help is:

http://www.interactmath.com

### Tutoring:
There will be free tutoring available for this course!

Times will be announced.

### Course Outcomes:
A review of elementary functions, including logarithmic and exponential functions. Business majors are introduced to the central ideas of calculus (limit, derivative, and integral). Applications to business and economics are emphasized. The Course Goals Include:

- Developing an understanding of the central ideas of calculus.
- Enhance mathematical problem solving skills.
- Learning to communicate mathematically.
Title IX

Indiana University of Pennsylvania and its faculty are committed to assuring a safe and productive educational environment for all students. In order to meet this commitment and to comply with Title IX of the Education Amendments of 1972 and guidance from the Office for Civil Rights, the University requires faculty members to report incidents of sexual violence shared by students to the University’s Title IX Coordinator. The only exceptions to the faculty member’s reporting obligation are when incidents of sexual violence are communicated by a student during a classroom discussion, in a writing assignment for a class, or as part of a University-approved research project.

Faculty members are obligated to report sexual violence or any other abuse of a student who was, or is, a child (a person under 18 years of age) when the abuse allegedly occurred to the Department of Human Services (1-800-932-0313) and University Police (724-357-2141).

Information regarding the reporting of sexual violence and the resources that are available to victims of sexual violence is set forth at:

http://www.iup.edu/socialequity/policies/title-ix/