Math 227: Statistics Syllabus

Fall 2011  Section 3368  TTh  7:10-9:20 PM  Room: EB1206 on Tue, EB1204 on Th

INSTRUCTOR:  Nisakorn Srichoom
OFFICE HOURS:  Room 1409X TR at 3:00-3:40 PM or by appointment only
INSTRUCTOR WEB SITE:  https://www.csun.edu/~ns36151
(Syllabus, chapter exam reviews and final reviews can be found here)

E–MAIL:  srichon@piercecollege.edu

- For e-mail, please include the phrase “Math 227, your first and last name” in the subject line.
- I use this key phrase to filter e-mail into a separate folder so that I can respond to your e-mail more quickly.
- To receive the fastest response, send an e-mail to me rather than calling my voice mail.
- I will do my best to answer your e-mail within 48 hours. If you send an e-mail to me on Saturday or Sunday, please do not expect a response until Monday.
- I encourage you to attend my office hours.
- Please ensure that you provide me with a current working e-mail address and that your e-mail account does not block my e-mail messages by treating them as spam. Claiming that you did not receive my e-mail messages is not a valid excuse for late assignments.

Please read this entire syllabus, keep it as reference and is subject to change by the instructor.

TEXTBOOK:
- The Student’s Solutions Manual that accompanies the text is recommended but it is not required.
- A scientific calculator TI-83/TI-84 is sufficient for this course.

COURSE DESCRIPTION:
Pre-requisite: Completion of Math 125 with at least a “C”, or Intermediate Algebra Placement Test.

Discusses averages, variability, graphical techniques, probability, hypothesis testing, sampling, estimation, correlation, prediction, and linear regression. Emphasis is on the collection and analysis of data and how inferences about a population are made from a sample.

PIERCE COLLEGE MATH STUDENT LEARNING OUTCOMES (SLOs)
Upon successful completion of Statistics ~Math 227, the student will be able to:
1) Interpret graphical displays and numerical summaries of data.
2) Identify common sources of (statistical) bias in surveys and experiments.
3) Distinguish among measures of central tendency (mean, median, mode) as well as their appropriate applications. In particular, how they can be misused.
4) Construct a correct inference via a confidence interval or a hypothesis test and interpret the results as well as the interconnection between the two inferences.
5) Use a graphing calculator or statistical software for calculations needed for statistical analysis.

SLOs for this course will be assessed with a department wide course assessment tool developed by the Math SLO faculty team assigned to the course.
SPECIAL SERVICES:
Students with disabilities who need accommodations are encouraged to contact the instructor. Special Services is available to facilitate the reasonable accommodation process. The Special Services office is located in the new Student Services Building #4800 and the telephone number is (818) 719-6430.

ATTENDANCE:
We have a lot of material to cover and understand, so regular attendance is crucial to your success in the class. Please come to class on time and stay for the duration of the class. **If you cannot attend regularly, on time, and stay for the entire class, you should take this class at another time that fits your schedule.** Students arriving late or leaving early, without authorization from the instructor, may be marked tardy. Three recorded tardies will count as one absence. **Excessive absences (3 or more) may result in being dropped from the class. As a result, you must contact me to avoid being dropped from the class on the 3rd absences.** You are responsible on any assignments and notes from the days that you are absent.

MATH DEPARTMENT DROP POLICY:
Any student who has stopped attending class has the responsibility to officially drop the class either on-line, by phone, or in the Admissions and Records office. The instructor has the prerogative to drop any student with unexcused absences equaling three classes meeting at any time throughout the semester up to the drop deadline; however, the student must never assume that the instructor will do so. Failure to officially drop may result in the student receiving a grade of "F" for the course. So be sure to officially drop if you do not intend to finish the course.

- Last day to drop class without a grade of "W" is September 25, 2011.
- Last day to drop class on-line only with a grade of "W" is November 20, 2011.

CHEATING: ZERO TOLERANCE CHEATING POLICY:
If you cheat in this class (i.e. knowingly or unknowingly participate in the submission of unoriginal work for any assignment, quiz or test) the instructor is required to fill out an Academic Dishonesty Report form. This report will be forwarded to the Math Dept. Chairman, who will send it to the VP of Student Services for disciplinary action, which may result in suspension or exclusion. In addition to sending this report, you will receive an "F" in the course.

ONLINE ASSIGNMENTS: (15% of the course grade)-Course ID: srichoom39282
Homework assignments will be assigned online at [http://www.pearsonmylab.com](http://www.pearsonmylab.com) and will be due as indicated on each assignment. **You will be dropped from class if you are not in coursecompass by Sunday, September 15 at 11:00 PM.** To register into pearsonmylab, see Guide to Access Online Resources information sheet. You should complete the work daily and it is your responsibility to keep track of your assignments. Two lowest home works will be dropped at the end of the semester. Since this is a 4-units course, plan on studying and completing homework a minimum of 8 hours per week. Motivation, tenacity, and a positive attitude are keys to an individual’s success.

CLASSWORK: (10% of the course grade)
A quiz will be given in the beginning of the class. The questions on the quiz will come from homework exercises, reading assignments and from the lectures. There will also be online quizzes assigned. One lowest quiz will be dropped. No make-up quizzes will be given under any circumstances

READING:
Reading assignment sections will be assigned each class meeting from the text and it is your responsibility to catch up with the class due to your absences.
EXAMS: (50% of the course grade)
- There are 4 exams, 100 points each. Each exam consists of multiple choice problems and essay type problems (show work on the exam). Your lowest exam score may be replaced by your final exam score to improve your final grade.
- No makeup exam will be given under any circumstances! Thus one of the missing exam or the lowest exam will be replaced with the final exam score.

FINAL EXAM: (25% of the course grade)
The final exam is cumulative and all students must take the final exam. No make-up final exam will be given in any circumstance.

GRADING:
Your grade will be computed from your online assignments, class work assignment, participation, chapter tests, and your final exam scores. Any missing exam will be scored zero. The following is a breakdown of how the semester grade is computed.

<table>
<thead>
<tr>
<th></th>
<th>Grade Percentage</th>
<th>Weight</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework - Average</td>
<td>X</td>
<td>15% (0.15)</td>
<td>=</td>
</tr>
<tr>
<td>Classwork – Average</td>
<td>X</td>
<td>10% (0.10)</td>
<td>=</td>
</tr>
<tr>
<td>Exam - Average</td>
<td>X</td>
<td>50% (0.50)</td>
<td>=</td>
</tr>
<tr>
<td>Final Exam</td>
<td>X</td>
<td>25% (0.25)</td>
<td>=</td>
</tr>
<tr>
<td>Overall grade percentage in class</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Grading Scale:  
- A = 90 – 100%  
- B = 80 – 89%  
- C = 70 – 79%  
- D = 60 – 69%  
- F = Below 60%

EXPECTATIONS:
It will be a collaborative and respectful environment in this class. I expect you to come to class with a commitment to learn and to take responsibility for your learning. This means participating in the discussions and in-group work, taking notes, and helping others to learn. Please ask questions and let me know if you have difficulties. If you feel you may need an accommodation based on the impact of a disability, please contact me privately to discuss your specific needs. You will be asked to leave if you engage in any inappropriate behavior during class.

CLASSROOM RULES:
1. **THIS IS AN ELECTRONIC DEVICE-FREE CLASS!**
This means NO cell phone, NO texting, NO iPods or iPhones, No Blackberries, or any other device that might be invented during semester. You are welcome to use a computer to take notes but non-class-related Internet surfing is expressly forbidden.

All cell phones and other electronic devices must be turned OFF before class begins. I have absolutely ZERO tolerance for anyone abusing this request.

2. **CLASSES START PROMPTLY AT THE ASSIGNED TIME!**
As a courtesy to your fellow students and to the instructor, please be on time. By taking this class you have committed yourself to two hours and thirty minutes of learning. I expect you to stay in the class for the complete assigned time period. Take care of your personal business before or after class.

3. **COME TO CLASS PREPARED!**
You absolutely must keep up with the readings. You grade depends on it. Interact with the class. Ask questions anytime. It’s okay to interrupt the lecture if you want to question something or make a point.
Challenge yourself and your classmates. When you leave this class you will have a great understanding of the materials.

4. COLLEGE CUSTOMS: (YOU SHOULD NOT DO)

- Don’t pack up your books or put on your coat until the class is over.
- After an absence, don’t ask your instructor, “Did I miss anything” (Of course you did)
- Don’t wear headphones during class.
- Don’t let a pager or cell phone disturb the class.
- Don’t talk with a classmate while lecture in progress.
- Don’t read or send text messages during class.
- Don’t make distracting noises in class (e.g., clicking pen, popping gum, drumming fingers, and so on).

Neither food nor drinks are allowed in the classroom with the exception of bottled water.

COMPUTER LAB/TUTORING:

You should visit Math Tutoring Center in Village 8402. Tutors and instructors are waiting there, eager to help you. The computer software that accompanies your text is available there. It is free. Math tutoring hours for this semester are the following:

Math Tutoring: Village 8402 Monday- Thursday 9:30AM – 7:00PM
(Closed 1:30 - 2:30 Daily)
Closed on Fridays

Computer Lab: Village 8406 Monday- Thursday 10:30AM – 7:00PM
(Closed 3:00 - 4:00 Daily)
Closed on Fridays

Village 8407 Monday- Thursday 8:00AM – 4:00 AM
(Closed 11:30 - 12:30 Daily)
(Closed 2:15 - 3:00 Daily)
Closed on Fridays

***********************************************************************************************************

All turn-in assignments and exam must be done in PENCIL and must be stapled.

*************************************************************************

YOU MUST REGISTER IN COURSECOMPASS BY SUNDAY, SEPTEMBER 15 AT 11:00 PM.
**MATH 227 SECTION 3368 EXAMINATION SCHEDULE FALL 2011**

**Tentative Schedule Subject to Change by Instructor**

<table>
<thead>
<tr>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thur</th>
<th>Fri</th>
<th>Sat</th>
<th>Sun</th>
<th>WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-Aug</td>
<td>30-Aug</td>
<td>31-Aug</td>
<td>1-Sep</td>
<td>2-Sep</td>
<td>3-Sep</td>
<td>4-Sep</td>
<td>Aug 1</td>
</tr>
<tr>
<td>5-Sep</td>
<td>Labor Day</td>
<td>Holiday</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Sept 2</td>
</tr>
<tr>
<td>6-Sep</td>
<td>7-Sep</td>
<td>8-Sep</td>
<td>Introduction</td>
<td>9-Sep</td>
<td>10-Sep</td>
<td>11-Sep</td>
<td>3</td>
</tr>
<tr>
<td>12-Sep</td>
<td>Last Add</td>
<td></td>
<td></td>
<td>16-Sep</td>
<td>17-Sep</td>
<td>18-Sep</td>
<td>4</td>
</tr>
<tr>
<td>13-Sep</td>
<td>14-Sep</td>
<td>15-Sep</td>
<td>2.2, 2.3</td>
<td>16-Sep</td>
<td>17-Sep</td>
<td>18-Sep</td>
<td>Oct 5</td>
</tr>
<tr>
<td>19-Sep</td>
<td>2.4, 2.5</td>
<td>21-Sep</td>
<td>22-Sep</td>
<td>23-Sep</td>
<td>24-Sep</td>
<td>25-Sep Last drop without &quot;W&quot;</td>
<td>6</td>
</tr>
<tr>
<td>26-Sep</td>
<td>2.7-Sep</td>
<td>28-Sep</td>
<td>29-Sep</td>
<td>30-Sep</td>
<td>1-Oct</td>
<td>2-Oct</td>
<td>7</td>
</tr>
<tr>
<td>3-Oct</td>
<td>4-Oct</td>
<td>5-Oct</td>
<td>6-Oct</td>
<td>4-Oct</td>
<td>5-Oct</td>
<td>6-Oct</td>
<td>8</td>
</tr>
<tr>
<td>31-Oct</td>
<td>1-Nov</td>
<td>2-Nov</td>
<td>3-Nov</td>
<td>4-Nov</td>
<td>5-Nov</td>
<td>6-Nov</td>
<td>10</td>
</tr>
<tr>
<td>7-Nov</td>
<td>8-Nov</td>
<td>9-Nov</td>
<td>10-Nov</td>
<td>11-Nov</td>
<td>12-Nov</td>
<td>13-Nov</td>
<td>12</td>
</tr>
<tr>
<td>14-Nov</td>
<td>15-Nov</td>
<td>16-Nov</td>
<td>17-Nov</td>
<td>18-Nov</td>
<td>19-Nov</td>
<td>20-Nov Last day to drop with &quot;W&quot;</td>
<td>13</td>
</tr>
<tr>
<td>28-Nov</td>
<td>29-Nov</td>
<td>30-Nov</td>
<td>1-Dec</td>
<td>2-Dec</td>
<td>3-Dec</td>
<td>4-Dec</td>
<td>Dec 15</td>
</tr>
<tr>
<td>5-Dec</td>
<td>6-Dec</td>
<td>7-Dec</td>
<td>8-Dec</td>
<td>9-Dec</td>
<td>10-Dec</td>
<td>11-Dec</td>
<td>16</td>
</tr>
<tr>
<td>12-Dec</td>
<td>13-Dec</td>
<td>14-Dec</td>
<td>15-Dec</td>
<td>16-Dec</td>
<td>17-Dec</td>
<td>18-Dec</td>
<td>17</td>
</tr>
</tbody>
</table>

**Final Exam**
Welcome Students!

*MyMathLab* is an interactive website where you can:

- Self-test & work through practice exercises with step-by-step help to improve your math skills.
- Study more efficiently with a personalized study plan and exercises that match your book.
- Get help when YOU need it. MyMathLab includes multimedia learning aids, videos, animations, and live tutorial help.

Before You Begin:
To register for MyMathLab, you need:

- A MyMathLab student access code (packaged with your new text, standalone at your bookstore, or available for purchase with a major credit card at [www.pearsonmylab.com](http://www.pearsonmylab.com))
- Your instructors’ Course ID: srichoom39282
- A valid email address

Student Registration:

- Enter [www.pearsonmylab.com](http://www.pearsonmylab.com) in your web browser.
- Under Register, click Student.
- Enter your Course ID exactly as provided by your instructor and click Continue. Your course information appears on the next page. If it does not look correct, contact your instructor to verify the Course ID.
- Sign in or follow the instructions to create an account. Use an email address that you check and, if possible, use that same email address for your username. Read and accept the License Agreement and Privacy Policy.
- Click Access Code. Enter your Access Code in the boxes and click Next. If you do not have an access code and want to pay by credit card or PayPal, select the access level you want and follow the instructions. You can also get temporary access without payment for 17 days.

Once your registration is complete, a Confirmation page appears. You will also receive this information by email. Make sure you print the Confirmation page as your receipt. Remember to write down your username and password. You are now ready to access your resources!

Signing In:

- Go to [www.pearsonmylab.com](http://www.pearsonmylab.com) and click Sign in.
- Enter your username and password and click Sign In.
- On the left, click the name of your course.

The first time you enter your course from your own computer and anytime you use a new computer, click the Installation Wizard or Browser Check on the Announcements page. After completing the installation process and closing the wizard, you will be on your course home page and ready to explore your MyMathLab resources!

Need help?
Contact Product Support at [http://www.mymathlab.com/student-support](http://www.mymathlab.com/student-support) for live CHAT, email, or phone support.
**STEPS TO DO ONLINE ASSIGNMENTS:**

2. Log in using your personal user name and password.
3. Click on **Math 227 Statistics - Fall 2011 Pierce College**
4. Click on **DO HOMEWORK** on the left column.
5. Click on **THE NAME OF THE ASSIGNMENT**.
6. Click on question number 1.(you will see the question, work on it and write the answer down in the box)
7. Click **Check Answer** every time you work on each problem.
8. Click 2 on the tap to move on to the second question, then follows steps 6.
Pearson 24/7 Introduces
Student Phone Support
For All Products

The Pearson 24/7
Support Website:
247pearsoned.custhelp.com
Still the Best Problem Solver!

Extensive Knowledgebase
Email with Agents Instant chat
Guided Assistance answers
Over 400 video tutorials
And More!

Answers to most support questions can
be found in the 24/7 knowledgebase—
now optimized for mobile devices.
Visit the Pearson 24/7 Support site on any
mobile browser—or scan the QR Code—
and get the answers you need.

All Product
Student Phone
Starting August 15
Students: 12PM to 8PM
Instructors: 8AM to 8PM
Times are EST; U.S. and Canada Only

All Products
800-677-6337