Course Title: Probability and Statistics MAT 1372 section 6557

Lecture: M/W 10:00 AM - 11:40 AM Room N922

Instructor: Dr. Boyan Kostadinov
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Website: http://websupport1.citytech.cuny.edu/faculty/bkostadinov/Site/MAT1372.html

Office Hours: MW 12:00PM-1:00PM or by appointment

Prerequisites: MAT 1375 Pre-Calculus

Text: Applied Statistics with Microsoft Excel, by Gerald Keller

Blackboard will be an essential component of this course where I’ll be posting there all of your grades, including the final letter grades. Make sure you have a valid e-mail on Blackboard to be able to receive email announcements from me.

Course Objectives: Sample spaces and probabilities; discrete probability distributions (Binomial, Hypergeometric), expectation and variance; continuous probability distributions (Normal, Student, Chi-Square), confidence intervals, hypothesis testing, correlation and regression. Excel spreadsheets will be used throughout the semester.

Grading Policy

Exam Average (40% of final grade): There will be 2 in class exams. No make-up exams will be given, unless there is a legitimate and well-documented reason.

Final Exam (20% of final grade): The final exam will take place during the last class of the semester and it will be comprehensive. There is no make-up final.

Quiz Average (15% of final grade): There will be 5 short quizzes, equally weighted.

Homework (20% of final grade): Homework will be assigned every lecture and will be collected for grading the following week. It will involve using Excel spreadsheets.

Attendance and Participation, A&P (5% of final grade): Attendance is required and will be taken at the beginning of each class meeting. Active participation in class will be taken into consideration in computing the final grade.
All 5 categories that contribute towards the final grade are out of 100 points. The **Final Score** calculation is the weighted average of all 5 categories above:

\[
\text{Final Score} = 0.4(\text{Exam Av.}) + 0.2(\text{Final}) + 0.15(\text{Quiz Av.}) + 0.2(\text{HW}) + 0.05(\text{A&P})
\]

The **Grading Scheme** below should serve as a guideline for your **Final Letter Grades** based on the Final Score percentage obtained from the formula above:

- **93 - 100 %**  
  A  
  **77 - 79.99 %**  
  C+  
- **90 - 92.99 %**  
  A-  
  **70 - 76.99 %**  
  C  
- **87 - 89.99 %**  
  B+  
  **60 - 69.99 %**  
  D  
- **83 - 86.99 %**  
  B  
  **0 - 59.99 %**  
  F  
- **80 - 82.99 %**  
  B-  

**Extra help with course material:** I strongly encourage you to come to my office hours for help or send me e-mails with questions. In addition, extra help is available in the Liberal Arts Learning Center.

**Attendance:** You are expected to attend all class meetings. Attendance is **required** and will be taken at the beginning of each class meeting. Lateness as well as students leaving before the end of the class period will be recorded. If a student’s absence becomes excessive, the student may be asked to withdraw from the course. Any changes in the schedule of exams, assignments etc. will be announced during class meetings, so if you are not present then you may miss exams/homework assignments.

**Make-Up Exams:** There will be no ‘make–up’ exams and a missed exam will receive a score of 0, unless a valid excuse is presented and **documented before the exam.** Valid excuse may be related to medical or family emergencies, College related travel such as athletic or academic competitions. Personal travel is not a valid excuse. If a student misses an exam for a valid reason and provides documentation to support his/her claim then the missed exam’s weight may be added to the final exam’s weight. This way the final exam will have a bigger weight and it will count more towards the final letter grade. No extra time will be given for students who arrive late for exams and no student is allowed to take the final exam earlier than the rest of the students.
Important Dates for Spring 2010:

- Wednesday, February 3rd: Last day to drop classes with 75% tuition refund
- Wednesday, February 10th: Last day to drop classes with 50% tuition refund
- Tuesday, February 16th: Last day to drop classes with 25% tuition refund
- Monday, April 19th: Last day to withdraw with “W” grade

Course Syllabus on Blackboard (BB): This Course Syllabus along with the official Course Outline for MAT 1372 provided by the Mathematics Department will also be posted on BB under Course Information and it will remain there for your reference until the end of the semester. Please check BB frequently as I will be posting there, (under Course Documents), sample exams, solutions, contact information (under Staff Information), exit evaluation survey, and all grades, including your final letter grades.