Syllabus

This syllabus is subject to changes. Updated syllabus will be posted in Canvas.

E-mail: ekoublanova@ccp.edu  Web page: http://faculty.ccp.edu/faculty/ekoublanova/

Overview: In this on-line course you will be learning the same material as in traditional in-class course and you receive the same college credits for the course. You will have detailed guidelines and references for the course, and will regularly communicate with your instructor by e-mail and through on line discussion sessions. You will be able to learn at a pace controlled by both, you and your instructor. That is, you will need to comply with your instructor's guidelines and schedules, but you don't have to attend class sessions at the college and can study the material and work on the assignments at home. However, this course is not “a weekend course”. You can do most of the work during weekend if you wish, but you might need to spend some time on your course during the weekdays as well.

Live help is available in the Learning Lab on Main Campus. You can also meet with instructor during office hours.

Course description: Elementary set theory, counting; inclusion – exclusion, permutations and combinations; the binomial theorem; probability; sample space, events, a priory and a posteriori probability; models, conditional probability, independence, discrete random variables, mean, variance, standard deviation, normal approximation to the binomial distribution.

Prerequisites: MATH 118 with a grade of C or better or MATH 161 or higher placement.

Required Text: will be posted on the course web page in Canvas. You can see it after you registered for the class.

Computer components of the course:
Canvas: https://ccp.instructure.com/login
MyLabsPlus: http://www.ccp.mylabsplus.com

This is a strictly Math course supported by, Canvas and MyLabsPlus course management computer systems. Both systems are relatively easy to deal with, reliable, and provide a tech support.
We provide students with necessary instructions and support, and it will be student's responsibility to prepare a reliable personal computer with an Internet connection, download a required software, if needed, and learn how to work in MyLabsPlus and Canvas.

Please note: After you registered for on-line course you will be able to login to your course in MyLabsPlus only on the first day of the semester.

Course Time Frame Every week, students have to complete a reading assignment, media assignments, and submit for grading homework, a quiz and/or a test. All graded assignments must be submitted in MyLabsPlus.
All assignments have due dates. Quizzes and tests become unavailable after the due date and cannot be reset individually.
Comprehensive Final Exam is given during the final week. Starting Spring 2014, we are planning to have a proctored computer Final Exam on campus for all students during the final week. Date of final exam will be announced at the beginning of semester.
**Makeup policy:** There are two make up periods in 15-weeks and one in 7-weeks courses for students who missed an assignment for excusable reasons. No more than three assignments (one test and two quizzes) could be reset over semester. There is no make up for failed or low-score assignments.

Students who missed more than 30 % of tests or/and more than 30 % of quizzes during the semester due to excusable reasons have to come to instructor’s office during office hours to make up missed assignments. Students, who have no excusable reasons for missing an assignment, receive zero for this assignment.

**Attendance & Participation:** College Policy states that in case of missing an equivalent of two weeks of work students may be dropped from the course for lack of attendance or assigned an F grade. Visiting weekly sessions in Canvas, reading and replying to instructors’ e-mails in Canvas and submitting weekly assignments in MyLabsPlus are three components of attendance in this on-line course. Missing either of these components will result in unsatisfactory attendance and/or an F grade.

**Grades:** Final grade is based on the weighted average of quizzes, tests, final exam, and weekly home assignments. The assignments account roughly as follows for your final grade:

<table>
<thead>
<tr>
<th>Component</th>
<th>Weightage</th>
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<tbody>
<tr>
<td>Weekly media assignments and homework (including the practice final exam)</td>
<td>16% total</td>
</tr>
<tr>
<td>Quizzes</td>
<td>24% total</td>
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<tr>
<td>Tests and final exam (Tests about 36% total; Final Exam about 20%)</td>
<td>56% total</td>
</tr>
<tr>
<td>Attendance (Canvas and MyLabsPlus)</td>
<td>4%</td>
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The final grade in the course is assigned roughly as follows:

- **A:** 90% - 100%
- **B:** 80% - 89%
- **C:** 70% - 79%
- **D:** 60% - 69%
- **F:** less than 60%

No passing grade for the course assigned in case of missing Final Exam.

No extra-credits available in this course.

**Academic integrity:** Students are expected to uphold the highest standards of academic integrity. A student must work alone on tests, quizzes, and a final exam. Under special circumstances, instructor can require a student to take a proctored test or quiz in person on the main campus, during office hours.

**Students Learning Outcomes:**

Math 152 - Student will be able to
1) Perform basic set operations.
2) Apply basic counting techniques to solve counting problems.
3) Create probability models for simple experiments and solve probability problems.
4) Solve problems involving probability distributions.

DE counselor is Ms. Noelia Rivera-Matos  nriveramatos@ccp.edu  (215) 751-8169 room W2-2.

DE coordinator of student’s support is Ms. Vaishali Sharma: vsharma@ccp.edu