INSTRUCTOR INFORMATION
Professor: Robin Davis  
Office Location: Winchester 107F
Contact Phone: (859)608-3420 (text)  
Available Office Hours: MW 3:00-5:30 p.m. (email for appointment)
E-mail: Robin.Davis@kctcs.edu  
Online Office Hours: Maintained Online By Text or Email

MATHEMATICS & STATISTICS DIVISION INFORMATION
Division Website: http://www.bluegrass.kctcs.edu/mathematics_and_statistics/
Assistant Dean: Jackie Wiseman, MB 118, (859)246-6431, Jackie.Wiseman@kctcs.edu
Division Coordinator Until 10/4: Vicki Partin, MB 121, (859)246-6414, Vicki.Partin@kctcs.edu
Division Coordinator After 10/4: DeAnna Pelfrey, MB 125, (859)246-6432, DeAnna.Pelfrey@kctcs.edu
Division Office Information: Cooper Campus, MB 114, (859)246-6410

COURSE DESCRIPTION
Introduction to principles of statistics with emphasis on conceptual understanding. Students will articulate results of statistical description of sample data (including bivariate), application of probability distributions, confidence interval estimation and hypothesis testing to demonstrate properly contextualized analysis of real-world data. Prerequisite: MA 113 (MAT 175), MA 123 (MAT 170), MA 137 or equivalent.

COURSE INFORMATION
Course information, such as the description, competencies, objectives, and outline can be found on the Statistics Courses page of the Mathematics & Statistics website. Select the Course Information link next to your course to find the specific course information.

COURSE MATERIALS
- Required: MyStatLab Student Access Kit or online access purchased with credit card – see your Blackboard announcement for instructions
- Optional: TI-84 Plus Graphing Calculator or other similar scientific calculator
- Optional: The course uses an online textbook included in the access code cost. If you would like to purchase a hard copy of the text in addition to the online textbook, the textbook information is: Statistics for Business & Economics, 11th edition, James T. McClave et al., 2010, Prentice Hall. ISBN: 0-321-64011-X.

SOFTWARE
This course requires the use of StatCrunch, a statistical software package, included in your course. Even though computations may be performed by hand when learning the concepts, StatCrunch will help with the mathematics and lengthy calculations for assignments and exams. A StatCrunch PDF tutorial and StatCrunch video tutorials are located in your course. The tutorials provide menu and software instructions for calculating many types of problems.

ATTENDANCE and PARTICIPATION
Regular attendance and participation is necessary for success in any statistics course. Students in campus sections are expected to attend at least 80% of the scheduled classes. Online students are expected to be online a comparable amount of time during the semester in order to be successful. Students are responsible for lecture material, assignments, and announcements given in class and/or online.
GRADING POLICY

EXAMS - There will be three regular exams worth 100 points each. All exams will be taken online in your course. Please see the Course Information document in the Getting Started folder of your course for specific information about how to take exams online. The instructor will permit one exam score to be replaced with the percentage of correct answers on the final exam if there is benefit to the student’s grade. Only one of the three previous exam scores can be replaced using the percentage of correct answers on the final exam. This policy could apply to one missed exam. Any other missed exams will be given a grade of zero.

FINAL EXAM - There will be a cumulative proctored final exam, taken online in your course, at the end of the semester worth 150 points. The final exam percentage will be used to replace the lowest regular semester exam or one missed exam if it benefits the student. Only one of the three previous exam scores can be replaced using the percentage of correct answers on the final exam. The Mathematics and Statistics department policy states that the final grade earned in the course will be the lesser of (1) the final course average OR (2) ten percentage points above the final exam grade.

The final exam will be a proctored exam and each student is responsible for scheduling an appointment with a proctor or using the walk-in proctoring at Leestown campus to take the final exam. See the Proctor Information page of the Mathematics & Statistics website for information on proctored exams and how to schedule your appointment. The instructor will post information for proctors in the KCTCS Distance Learning Proctor Resource Center for college proctors and will email the information to other approved proctors. The final exam will be available for you to complete anytime between Tuesday, October 13, 2015 and Wednesday, December 9, 2015.

PERMITTED MATERIALS FOR FINAL EXAM

Students are ONLY permitted to use the STA 296 Final Exam Information, a scientific calculator, scratch paper, and pencil, when taking the final exam. The document below contains the permitted materials (formula sheet, probability tables, and StatCrunch tutorial) and students are responsible for printing them to take to the final exam.

Students are NOT permitted to use any other class materials, lecture notes, PowerPoint slides, printed problems, or any external website, when taking the final exam. If the instructor or proctor discovers that a student is viewing an external website or using any materials or information that is not permitted by the instructor, the student will be asked to submit the final exam and a grade of zero will be given, causing the student to fail the course. It would benefit the student to learn the course material to take all exams using the materials that are permitted for the final exam.

HOMEWORK – The homework grade will consist of scores from eight assigned activities (90 points total) and the Syllabus and Course Information Quiz (10 points total) for a total of 100 points. Activities can be completed and submitted electronically a little at a time until they are completed by the deadlines shown on the course calendar. The exam reviews and the Study Plan are not part of your grade, but they are valuable tools that supplement your activities and track your progress and mastery of the concepts.

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<tr>
<th>Possible Points</th>
<th>Course Grade</th>
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<tbody>
<tr>
<td>Activities 100 points</td>
<td>A 495-550 points</td>
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<tr>
<td>Exams 300 points</td>
<td>B 440-494 points</td>
</tr>
<tr>
<td>Final Exam 150 points</td>
<td>C 385-439 points</td>
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<tr>
<td>Total 550 points</td>
<td>D 330-384 points</td>
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<td>E 0-329 points or failure of the final exam</td>
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**LATE WORK**
Late work is **NOT** permitted after the assignment deadlines have passed and assignments are available for review. Students are to use the tentative course calendar and complete assignments early to ensure that assignments are submitted by the deadlines on the course calendar. Late exams are **NOT** permitted and the final exam replacement policy may be used for only one missed exam. *When completing assignments, be sure to allow enough time to deal with technical issues, because the assignments will **NOT** be made available after the deadlines have passed.*

**INCOMPLETES AND WITHDRAWALS**
An "I" grade will be given only when a student is unable to complete the course for some reason that is satisfactory to the instructor and at least 80% of the course has been completed. It shall be given only when there is a reasonable possibility that a passing grade will result from the completion of the work.

A "W" grade will be given to any student who **has not completed the Final Exam** and **officially withdraws from the course by December 4, 2015**. To ensure that instructor permission is received in time to submit the withdrawal request, students must email the professor no later than **2:00 p.m. on Thursday, December 3, 2015**. Requests submitted after 2:00 p.m. on 12/3 may not be received or replied to. Please follow the [BCTC Withdrawal Instructions](#), or see the Withdrawal Procedure in the College Policies Document below, to withdraw by the deadline. Contact your home college records office or the BCTC Records Office at (866) 774-4872 ext. 56490 if you have questions about withdrawing.

**COLLEGE POLICIES**
See the [College Policies Document](#) on the Mathematics & Statistics website for additional information, such as:
- BCTC Campus Information
- Ethics/Values
- Accommodations
- Email Policy
- Withdrawal Procedure
- Financial Aid – SAP Statement
- Weather or Emergency Closing Information
- Tutoring

BCTC IS AN EQUAL OPPORTUNITY INSTITUTION