

<b>Course</b>	<b>PSYC 2750 – Introduction to Measurement and Statistics</b>
<b>Term</b>	Spring 2 2010
<b>Instructor</b>	Rob Curry <a href="mailto:rcurry@devry.edu">rcurry@devry.edu</a> 816.943.7516
<b>Catalog Description</b>	This course provides an introduction to measurement and statistical concepts, including an overview of research methodology, measures of central tendency, statistical analyses of data (e.g. correlations, ANOVA, etc.), and probabilities. Each student should bring her/his own textbook and a calculator to class each week.
<b>Prerequisites</b>	
<b>Course Level Learning Outcomes</b>	<ul style="list-style-type: none"> <li>• Descriptive statistics, probability, probability distributions, sampling, confidence intervals, hypothesis testing</li> </ul>
<b>Materials</b>	Fundamental Statistics for Behavioral Sciences, 8e Robert B. McCall Wadsworth 2001 ISBN <sub>13</sub> – 978-0-534-57780-3 ISBN <sub>10</sub> – 0-534-57780-6
<b>Grading</b>	<p><b>The GRADUATE catalog provides these guidelines and grading options:</b></p> <ul style="list-style-type: none"> <li>• <b>A/A-</b> Superior graduate work</li> <li>• <b>B+/B/B-</b> Satisfactory graduate work</li> <li>• <b>C</b> Work that is barely adequate as graduate-level performance</li> <li>• <b>CR</b> Work that is performed as satisfactory graduate work (B- or better). A grade of "CR" is reserved for courses designated by a department, involving internships, a thesis, practicums, or specified courses.</li> <li>• <b>F</b> Work that is unsatisfactory</li> <li>• <b>I</b> Incomplete work</li> <li>• <b>ZF</b> An incomplete which was not completed within one year of the end of the course. ZF is treated the same as an F or NC for all cases involving G.P.A., academic warning, probation, and dismissal.</li> <li>• <b>IP</b> In progress</li> <li>• <b>NR</b> Not reported</li> <li>• <b>W</b> Withdrawn from the course</li> </ul>

<b>Activities</b>	<p>Midterm Exam – 40%</p> <p>Final Exam – 50%</p> <p>In Class Activities – 10%</p>
<p><b>Policy Statements:</b></p> <p><b>University Policies</b></p>	<p>University policies are provided in the current course catalog and course schedules. They are also available on the university website. This class is governed by the university’s published policies. The following policies are of particular interest:</p> <p><b>Academic Honesty</b></p> <p>The university is committed to high standards of academic honesty. Students will be held responsible for violations of these standards. Please refer to the university’s academic honesty policies for a definition of academic dishonesty and potential disciplinary actions associated with it.</p> <p><b>Drops and Withdrawals</b></p> <p>Please be aware that, should you choose to drop or withdraw from this course, the date on which you notify the university of your decision will determine the amount of tuition refund you receive. Please refer to the university policies on drops and withdrawals (published elsewhere) to find out what the deadlines are for dropping a course with a full refund and for withdrawing from a course with a partial refund.</p> <p><b>Special Services</b></p> <p>If you have registered as a student with a documented disability and are entitled to classroom or testing accommodations, please inform the instructor at the beginning of the course of the accommodations you will require in this class so that these can be provided.</p> <p><b>Disturbances</b></p> <p>Since every student is entitled to full participation in class without interruption, disruption of class by inconsiderate behavior is not acceptable. Students are expected to treat the instructor and other students with dignity and respect, especially in cases where a diversity of opinion arises. Students who engage in disruptive behavior are subject to disciplinary action, including removal from the course.</p> <p><b>Student Assignments Retained</b></p>

	<p>From time to time, student assignments or projects will be retained by The Department for the purpose of academic assessment. In every case, should the assignment or project be shared outside the academic Department, the student's name and all identifying information about that student will be redacted from the assignment or project.</p> <p><b>Contact Hours for this Course</b></p> <p>It is essential that all classes meet for the full instructional time as scheduled. A class cannot be shortened in length. If a class session is cancelled for any reason, it must be rescheduled</p>
<p><b>Course Policies</b></p>	<p><b>Attendance</b></p> <p>Attendance is expected, but students sometimes have work or family problems that cannot be avoided. However, if you must miss more than one class it may put you at a disadvantage because of the amount of material to be learned. It is not conceptually hard, but there is a tremendous amount of it. Further, material will be covered in class that is not in the text so make every effort to attend classes. However even though attendance is expected it will not normally directly affect your grade. However, if you are not present for class you will miss any material presented from outside the text and you will be unable to participate and your class participation grade could be affected.</p>
<p><b>Weekly Schedule</b></p>	<p>Week 1 – Introduction, review of math, frequency distributions and graphs – Chapters 1 and 2</p> <p>Week 2 – Characteristics of distributions – Chapters 3 and 4</p> <p>Week 3 – Indicators of relative standing and correlation – Chapters 5 and 7</p> <p>Week 4 – Midterm exam and regression – Chapter 6</p> <p>Week 5 – Sampling and hypothesis testing – Chapters 8 and 9</p> <p>Week 6 – Hypothesis testing – Chapters 9 and 10</p> <p>Week 7 – Confidence intervals and research design – Chapters 11 and 12</p> <p>Week 8 – Final Exam</p>
<p><b>Additional Information</b></p>	<p>Students will need a calculator (and be knowledgeable about its operation).</p>

	Exams are open-book, open-note. I will provide practice exams.
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