



# INDIANA UNIVERSITY

PSY- K 300 Statistics– Fall 2017

[Lawrence North High School ]

<b>Credits</b>	3	<b>General Education Breadth of Inquiry CASE</b>	Natural & Mathematical Sciences N&M
<b>Instructor</b>	[D. Mark Frankum ]	<b>Office</b>	[Room 118 ]
<b>Email</b>	[dfrankum@msdlt.org ]	<b>Office Hours</b>	[12:00 PM – 1:00 PM ]
<b>Meeting Times</b>	[9:00 AM – 10:30 AM ]	<b>Meeting Location</b>	[Room 118 ]
<b>Prerequisite(s)</b>	None	<b>Lab fees</b>	[\$15/semester ]
<b>Course Description</b>	Introduction to statistics; nature of statistical data; ordering and manipulation of data; measures of central tendency and dispersion; elementary probability. Concepts of statistical inference and decision; estimation and hypothesis testing. Special topics include regression and correlation; analysis of variance and non-parametric methods.		
<b>Core Transfer Library Course</b>	None		
<b>Textbook Title &amp; Author</b>	Starnes, Yates, Moore. <b>The Practice of Statistics</b> . Fourth Edition. New York: W.H. Freeman and Company, 2010. ISBN: 978-1-4292-4559-3		
<b>Important Deadlines</b>	<b>Registration ends:</b> Friday, October 13, 2017 <b>Drop:</b> Friday, October 13, 2017 <b>Withdrawal</b> (must be passing): Friday, December 1, 2017 if semester-long course, one week before final exam if yearlong course.		
<b>Learning Objectives</b>	<ul style="list-style-type: none"> <li>• Explore, organize and describe data using graphs and numerical summaries</li> <li>• Explore methods for producing data that can give clear answers to specific questions</li> <li>• Use probability to describe chance, variation and risk to separate reality from background noise</li> <li>• Draw conclusions about a wider universe while realizing that variation is everywhere and that conclusions are uncertain</li> </ul>		
<b>How IU Grade will be Calculated</b>	[Percentile average of your fall and spring semester grades ]		
<b>How High School Grade will be Calculated</b>	[10% Assignments 70% Tests 20% Final Exam ]		

<b>IU Grading Scale</b>	See Below	
	A+: 98-100%	C+: 77-79.9%
	A: 93-97.9%	C: 73-76.9%
	A-: 90-92.9%	C-: 70-72.9%
	B+: 87-89.9%	D+: 67-69.9%
	B: 83-86.9%	D: 63-66.9%
	B-: 80-82.9%	D-: 60-62.9%
<b>High School Grading Scale</b>	See Below	
	A+: 98-100%	C+: 77-79.9%
	A: 93-97.9%	C: 73-76.9%
	A-: 90-92.9%	C-: 70-72.9%
	B+: 87-89.9%	D+: 67-69.9%
	B: 83-86.9%	D: 63-66.9%
	B-: 80-82.9%	D-: 60-62.9%
<b>Schedule of Assignments</b>	Go to <a href="http://www.frankumstein.com/ayyabi.htm">www.frankumstein.com/ayyabi.htm</a> for daily syllabi and assignments	
<b>Classroom Policies &amp; Information</b>	<p>  <b>Class Rules:</b> These rules are simple; just have good manners and respect for one's self and one another. Behaviors that indicate that one has regressed to an earlier stage of development or one's maturational level is lacking in some areas or that one just has high attention needs will not be tolerated. Students who would rather sleep in class, do other work etc, need not attend class and should probably withdrawal or will be withdrawn if this behavior is a problem.</p> <p>  <b>Electronic Devices:</b> Any use of cell phones (including texting) is not permitted during class time, This behavior is rude and detrimental to the requirements of the class.  </p>	
<b>Attendance Policy</b>	See student handbook	
<b>Late Work Policy</b>	None	
<b>Make-up/Retake Exam Policy</b>	Students who are absent on the day of a test will be expected to take the test on the first day back to class	
<b>Dual Credit-High School Credit Policy Statement</b>	<p>The rigor of this course will be periodically reviewed by Indiana University faculty in an effort to maintain the high quality of education that each student receives. Due to the unique format of this course, students must decide during the IU enrollment period whether they wish to receive dual credit (high school and IU credit) or only high school credit. Students who choose to take the course only for high school credit and receive a passing grade may <b>not</b> register at a later date or repeat the course (while in high school) for college credit.</p>	

<b>IU Academic Misconduct Statement</b>	<p>The rights and responsibilities of Indiana University students are explained in the <i>Indiana University Code of Student Rights, Responsibilities, and Conduct</i>, <a href="http://www.indiana.edu/~code/">http://www.indiana.edu/~code/</a>. The Code describes the types of misconduct for which students may be penalized, including cheating, fabrication, plagiarism and interference with other students' work, as well as actions which endanger the University and the University community and possession of firearms. The Code also indicates the procedures to be followed in these cases. <b>All students are required to adhere to the responsibilities outlined in the Code</b></p> <p>The definition and clarification related to academic misconduct is here: <a href="http://www.indiana.edu/~code/code/responsibilities/academic/index.shtml">http://www.indiana.edu/~code/code/responsibilities/academic/index.shtml</a></p> <p>Examples of Plagiarism: <a href="http://www.indiana.edu/~wts/pamphlets/plagiarism.pdf">http://www.indiana.edu/~wts/pamphlets/plagiarism.pdf</a></p> <p>Per IU policy, ACP instructors are required to investigate and then report all incidents of academic misconduct to the Dean of Students.</p> <p><i>Adopted by the Board of Trustees, effective August 1, 2009</i></p>
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