|  |  |
| --- | --- |
| **Course title:**Intro to Statistics Level I/ need another crs | **Recommended Course Number:** 161 |
| **Recommended Credit Hours:** 3 | **Recommended Course Prerequisites and/or Co-requisites:**Basic Algebra/ Intermediate algebra too much? |
| **Next Course in Sequence:**Stats II |

|  |
| --- |
| **Purpose of Course:**LiteracyConcept of ProbData CollectionSurveysCitizenshipPrep for further StudySupport for Applied Programs |
| **Intended Audience:**Business AdmForensicsCriminal JusticeNursingHuman ServicesEducationEngineeringAllMaybe not Construction |
| **Course Description:** |
| **Course Major Units:*** Methods of data collection
* Probability concepts
* Graphing, tables, (understanding)
* Distribution (discrete & normal continuous)
* Calculating estimates of populations from a sample
* Correlation & regression
* Confidence Intervals
 |
| **Learning Outcomes:*** Explain use of data collection and statistics as tools to reach reasonable conclusions
* Analyze data and compute measures of center, variance, and position
* Compute and interpret empirical and theoretical probabilities
* Explain role of probability in statistics
* Examine, analyze, and compare various sampling distributions for both discrete and continuous random variables
* Describe and compute confidence levels
* Perform hypothesis
 |
| **Comments:**Name matters- how do we not scare off students? The word Stats or Statistics is scary to many Smiling Face with No FillDevelopmental stats or prerequisite instead?Non-transferable stats topics put in QR courseThere should be only one college level, transferable course.Psychology majors, mental health, liberal studiesECE? CUL?Seems too broadDo engineers need this?At NM 200level course only (mostly) liberal studies students take it. List is close to what is currently taught.How many units is this? I samp or 2 samp? For what? Mean, prop, std. dev? |