Wayne County Community College District

COURSE SYLLABUS

MAT 131  Descriptive Statistics

CREDIT HOURS:  3.00

CONTACT HOURS:  45.00

COURSE DESCRIPTION:
This course is a basic course for students in business administration, education, psychology, and/or economics. It is a preparation for inferential statistics, providing a definition of statistics, measurements, working out distributions, frequency polygons, measuring central tendency and variability and finding correlation and regression.

PREREQUISITES:  MAT 113 or placement test

EXPECTED COMPETENCIES:
Upon successful completion of this course, the student will:
  • Collect, organize, and interpret data intelligently
  • Extrapolate or interpolate from the collected data
  • Recognize unsound or misleading statistical procedures as they are encountered
  • Demonstrate an understanding of probability concepts, including the unpredictability of single events and the long-term stability of ratios of events

ASSESSMENT METHODS:
Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

GRADING SCALE:
90%-100% = A
80%-89.9% = B
70%-79.9% = C
60%-69.9% = D
<60% = E