

## KRSN MAT1020 – Elementary Statistics

For specific Institutional Transfer Articulation information visit: [kansasregents.org/institutional-transfer-information](http://kansasregents.org/institutional-transfer-information).

Institution	Course ID	Course Title	Credit Hours
Allen CC	MAT 115	Elementary Statistics	3
Barton CC	STAT 1829	Elements of Statistics	3
Butler CC	MA 210	Applied Statistics	3
Cloud County CC	MA 114	Elementary Statistics	3
Coffeyville CC	MATH 250	Elementary Statistics	3
Colby CC	MA 205	Elements of Statistics	3
Cowley CC	MTH 4423	Elementary Statistics	3
Dodge City CC	MATH 230	Elementary Statistics	3
Fort Scott CC	MAT 2253	Elementary Statistics	3
Garden City CC	MATH 110	Fundamentals of Statistics	3
Highland CC	MAT 203	Basic Statistics	3
Hutchinson CC	MA 108	Elements of Statistics	3
Independence CC	MAT 1103	Elementary Statistics	3
JCCC	MATH 181	Statistics	3
KCKCC	MATH 0115	Statistics	3
Labette CC	MATH 120	Elementary Statistics	3
Neosho County CC	MATH 143	Elementary Statistics	3
Pratt CC	MTH 181	Statistics	3
Seward County CC	MA 2103	Elementary Statistics	3
FHTC	Not Offered	Not Offered	
Manhattan Tech	MAT 145	Elementary Statistics	3
NCKTC	MA 200	Elementary Statistics	3
NWKTC	MATH 180	Statistics	3
SATC	Not Offered	Not Offered	
WATC	MTH 120	Elementary Statistics	3
ESU	MA 120	Introduction to Statistics	3
FHSU	MATH 250	Elements of Statistics	3
KSU	STAT 325*	Introduction to Statistics	3
PSU	MATH 143	Elementary Statistics	3
KU	MATH 365*	Elementary Statistics	3
WSU	STAT 370*	Elementary Statistics	3
Washburn	MA 140	Statistics	3

\* The decision for lower division courses to count toward upper division credit hours required for graduation is at the discretion of the institution.

## ***Elementary Statistics - MAT1020 CORE OUTCOMES***

Course Effective Date: Summer 2014

Outcome Approval Date: Fall 2015

Next Outcome Review Date: Fall 2020

Upon completion of this course, students will be able to:

1. Create graphical and numerical descriptions of quantitative and qualitative data.
2. Calculate probabilities and percentiles related to a general normal distribution.
3. Distinguish differences in data analysis and interpretation between observational data and data from designed experiments.
4. Calculate and interpret a confidence interval for a single parameter, using both large and small samples.
5. Perform and interpret a test of hypotheses for a single parameter, using both large and small samples.
6. Perform and interpret statistical inference on the difference of two parameters.
7. Fit and interpret a simple linear regression model, including correlation and scatterplots.