

## KRSN MAT 1050 – General/Business Calculus

For institutional specific information, visit the [University & College Information](#) webpage.

Institution	Course ID	Course Title	Credit Hours
Allen CC	Not Offered	Not Offered	
Barton CC	MATH1831	Business Calculus	5
Butler CC	MA148	Calculus w/ Applications	3
Cloud County CC	MA115	Linear Algebra and General Calculus	3
Coffeyville CC	Not Offered	Not Offered	
Colby CC	MA210	Calculus for Business and Liberal Arts	3
Cowley CC	MTH4432	Calculus for Business & Economics	3
Dodge City CC	MATH130	Principles of Calculus	4
Fort Scott CC	Not Offered	Not Offered	
Garden City CC	MATH121	Fundamentals of Calculus	3
Highland CC	MAT107	General Calculus and Linear Algebra	3
Hutchinson CC	MA110	Calculus	3
Independence CC	MAT 1153	Business Calculus	3
JCCC	MATH231	Business and Applied Calculus I	3
KCKCC	MATH0120 & MATH0121	Non-Engineering Calculus I and Non-Engineering Calculus II	3 3
Labette CC	Not Offered	Not Offered	
Neosho County CC	Not Offered	Not Offered	
Pratt CC	MTH187	Calculus Methods	4
Seward County CC	MA2304	Business Calculus	4
FHTC	Not Offered	Not Offered	
Manhattan Tech	Not Offered	Not Offered	
NCK Tech	Not Offered	Not Offered	
NWKTC	Not Offered	Not Offered	
SATC	Not Offered	Not Offered	
WATC	Not Offered	Not Offered	
ESU	MA165	Basic Calculus	5
FHSU	MATH331	Calculus Methods	3
KSU	Not Offered	Not Offered	
PSU	Not Offered	Not Offered	
KU	MATH115	Calculus I	3
WSU	MATH144	Business Calculus	3
Washburn	MA141	Applied Calculus	3

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

Revised 12/13/2017

## General/Business Calculus - KRSN MAT 1050 CORE OUTCOMES

Course Effective Date: Summer 2017

Outcome Approval Date: Fall 2016

Next Outcome Review Date: Summer 2021

Core Student Learning Outcomes: *4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.*

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

Evaluate limits of functions.

Use limits to determine continuity of a function at a point.

Determine differentiability of a function at a point.

Differentiate algebraic, exponential, and logarithmic functions.

Interpret derivatives as the slopes of tangent lines, instantaneous rates of change, and marginals.

Use derivatives to describe the behavior of a function.

Apply derivatives to problems in economics, business, and the physical, social, and life sciences.

Antidifferentiate algebraic and exponential functions.

Evaluate definite integrals.

Apply antiderivatives to problems in economics, business, and the physical, social, and life sciences.