



ACCREDITATION EVIDENCE

Title: MATH Corequisite Class Schedule

Evidence Type: Corroborating

Date: Fall 2022

WAN: 22-0448

Classification: Resource

PII: No

Redacted: No



Locations:

ROCK SPRINGS, INTERNET, EVANSTON, RAWLINS

[View Available Sections for MATH-0900](#)



MATH-0920 BEGINNING ALGEBRA (4 Credits)

Introduction to elementary algebra with applications. Topics include operations with real numbers, operations involving algebraic expressions, factoring, exponents, polynomials, solving linear equations and graphics.

Requisites:

MATH 0900 (C or better), or Math ACT score of 16-20, or ALEKS score of 14-29 - Must be completed prior to taking this course.

Locations:

ROCK SPRINGS, GREEN RIVER, EVANSTON, AFTON, RAWLINS, KEMMERER, PINEDALE, BAGGS, INTERNET

MATH-0921 PROBLEM SOLVING WORKSHOP (2 Credits)

This workshop is a co-requisite class with MATH 1000 and is not a stand-alone course. Its purpose is to provide the beginning algebra skills necessary to be successful in MATH 1000, Problem Solving. Topics include: Operations with real numbers, operations involving algebraic expressions, exponents, solving linear equations, and graphing.

Requisites:

MATH_1000 - Must be taken at the same time as this course.

ALEKS score of 14-29 or ACT Math score of 16-20 - Must be completed prior to taking this course.

Locations:

ROCK SPRINGS, INTERNET, EVANSTON

[View Available Sections for MATH-0921](#)



MATH-0930 INTERMEDIATE ALGEBRA (4 Credits)

Techniques of algebra with applications. Builds upon the concepts and skills developed in MATH 0920. Topics include an introduction to functions and relations, solving quadratic equations, rational expressions and equations, radical expressions and equations, solving inequalities, and graphing.

Requisites:

MATH 0920 (C or better), or MATH 0720 and MATH 0760 (B or better in each), or Math ACT score of 21 or higher, or ALEKS score of 30-45 - Must be completed prior to taking this course.

Locations:

ROCK SPRINGS, ELK MOUNTAIN, RAWLINS, GREEN RIVER, AFTON, EVANSTON, KEMMERER, BAGGS, INTERNET

[View Available Sections for MATH-0930](#)



MATH-0931 COLLEGE ALGEBRA WORKSHOP (2 Credits)

This workshop is a co-requisite class with MATH 1400 and is not a stand-alone course. Its purpose is to provide the intermediate algebra skills necessary to be successful in MATH 1400, College Algebra. Topics include introduction to functions and relations, solving quadratic equations, rational expressions and equations, radical expressions and equations, solving inequalities and graphing.

Requisites:

MATH_1400 - Must be taken at the same time as this course.

ALEKS score of 35-45 or ACT Math of 22 - Must be completed prior to taking this course.

Locations:

ROCK SPRINGS, INTERNET, EVANSTON

[View Available Sections for MATH-0931](#)



MATH-0934 BEG AND INTERMEDIATE ALGEBRA (5 Credits)

This course is an accelerated course that combines MATH 0920 and MATH 0930 content in one semester and is designed for the student who needs a review. Topics include operations with real numbers, operations involving algebraic expressions, solving linear equations, graphing lines, exponents, polynomials, factoring, rational expressions and equations, and solving quadratic equations.

Requisites:

MATH 0900 (C or better), or Math ACT score of 16-20, or ALEKS score of 14-29 - Must be completed prior to taking this course.

Locations:

ROCK SPRINGS, ELK MOUNTAIN, RAWLINS, GREEN RIVER, AFTON, EVANSTON, KEMMERER, BAGGS, INTERNET

Offered:

ALL YEARS

[View Available Sections for MATH-0934](#)



MATH-1 LEVEL 1 PREREQS (0 Credits)

No description available.

Requisites:

None

MATH-1000 PROBLEM SOLVING (3 Credits)

A course in quantitative reasoning that examines modern topics for their applicability and accessibility. Provides students with mathematical and logical skills needed to formulate, analyze, and interpret quantitative arguments in a variety of settings. Topics include financial mathematics, elementary logic and set theory, introduction to probability, basic statistics, unit conversion, applications of algebra as well as other topics of interest. Students with an ALEKS score of 20-29 may take MATH 1000 and the co-requisite MATH 0921

Requisites:

MATH 0900 (C or better) or TECH 1000 (B or better) or ACT Math score of 21 or higher or ALEKS score of 30-45. Students with an ALEKS score of 14-29 may take MATH 1000 and the co-requisite MATH 0921 and not have to take MATH 0920. - Must be completed prior to taking this course.

Locations:

ROCK SPRINGS, RAWLINS, GREEN RIVER, SARATOGA, EVANSTON, HANNA, PINEDALE, ELK MOUNTAIN, AFTON, MOUNTAIN VIEW, LYMAN, INTERNET

Offered:

ALL SEMESTERS, ALL YEARS

[View Available Sections for MATH-1000](#)



MATH-1100 NMBR & OPERTNS ELEM SCHL TC (3 Credits)

This course is intended for prospective elementary school teachers. The purpose is to prepare students to be competent in teaching the major concepts and skills related to the real number system and four arithmetic operations.

Requisites:

MATH 0934 (C or better) or ALEKS score of 46 or higher or Math ACT of 23 or higher - Must be completed prior to taking this course.

Locations:

ROCK SPRINGS, SARATOGA, GREEN RIVER, AFTON, RAWLINS, INTERNET

Offered:

ALL SEMESTERS, ALL YEARS

[View Available Sections for MATH-1100](#)



MATH-1105 DATA, PROB & ALG FOR ELEM TCH (3 Credits)

This course is a continuation of MATH 1100, for prospective elementary teachers. Emphasis is on asking and answering critical questions about our world through algebra, probability, and data analysis to prepare students to be competent in teaching these major concepts. Explorations focus on representing, analyzing, and generalizing patterns and the chances of future events.

Requisites:

MATH 1100 (C or better) - Must be completed prior to taking this course.

Locations:

ROCK SPRINGS, SARATOGA, RAWLINS, AFTON, INTERNET

Offered:

ALL SEMESTERS, ALL YEARS

MATH-1400 COLLEGE ALGEBRA (3 Credits)

Emphasizes algebra topics which are important in preparation for the study of calculus, especially functions and their graphs. Topics include polynomial functions, exponential and logarithmic functions and equations, inequalities, and systems of equations. A graphing calculator may be required in some sections. Students with an ALEKS score of 35-45 may take MATH 1400 and the co-requisite MATH 0931

Requisites:

MATH 0934 (C or better) or Math ACT 23 or higher or ALEKS score of 46-60. Students with an ALEKS score of 35-45 may take MATH 1400 and the co-requisite MATH 0931 and not have to take MATH 0934. - Must be completed prior to taking this course.

Locations:

ROCK SPRINGS, EVANSTON, GREEN RIVER, RAWLINS, ELK MOUNTAIN, KEMMERER, SARATOGA, BAGGS, AFTON, LYMAN, INTERNET, BIG PINEY

Offered:

ALL SEMESTERS, ALL YEARS

[View Available Sections for MATH-1400](#)



MATH-1405 TRIGONOMETRY (3 Credits)

Emphasizes trigonometry and other topics important in preparation for the study of calculus. Topics include angles, right triangle trigonometry, trigonometric functions and their graphs, trigonometric equations, trigonometric representation of complex numbers, and applications. Other topics may be included, as time permits.

Requisites:

MATH 1400 (C or better), or MATH ACT of 25 or higher, or ALEKS score of 61-75 - Must be completed prior to taking this course.

Locations:

ROCK SPRINGS, EVANSTON, GREEN RIVER, RAWLINS, LYMAN, AFTON, INTERNET

Offered:

ALL SEMESTERS, ALL YEARS

[View Available Sections for MATH-1405](#)



MATH-1450 ALGEBRA & TRIGONOMETRY (5 Credits)

This course emphasizes aspects of algebra, trigonometry, and problem solving that are important in the study of calculus. It includes functions and their applications to real world problems and different classes of functions, including polynomial, exponential, logarithmic, and trigonometric functions. Students with both MATH 1400 and 1405 may not receive credit for this course. Students who successfully complete this course with a C or better may enroll to take MATH 2200.

Requisites:

MATH 0934 (C or better) or Math ACT 23 or higher or ALEKS score 46-60 - Must be completed prior to taking this course.

Locations:

ROCK SPRINGS, INTERNET

Offered:

ALL SEMESTERS, ALL YEARS

[View Available Sections for MATH-1450](#)



MATH-2 LEVEL 2 PREREQS (0 Credits)

No description available.

Requisites:

None

MATH-2.1 LEVEL 2.1 PREREQS (0 Credits)

No description available.

Requisites:

None

MATH-2120 GEOMETRY & MSRMNT ELEM SCH TC (3 Credits)

This course is a continuation of MATH 1105 for prospective elementary teachers. Emphasis is asking and answering critical questions about spatial reasoning as evident in the real world. Includes investigations of two- and three-dimensional shapes and their properties, measurements, constructions, and transformations to prepare students to be competent in teaching these concepts.

Requisites:

MATH 1105 (C or better) - Must be completed prior to taking this course.

Locations:

ROCK SPRINGS, EVANSTON, RAWLINS, INTERNET

MATH-2200 CALCULUS I (4 Credits)

An introduction to calculus with analytical geometry. Topics include limits, continuity, derivatives and some applications of the integral.

Requisites:

MATH 1405 (C or better) or MATH 1450 (C or better) or Math ACT 27 or higher or ALEKS score 76-100 - Must be completed prior to taking this course.

Locations:

ROCK SPRINGS, RAWLINS, BAGGS, GREEN RIVER, PINEDALE, INTERNET

Offered:

ALL SEMESTERS, ALL YEARS

[View Available Sections for MATH-2200](#)



MATH-2205 CALCULUS II (4 Credits)

Topics include differentiation of transcendental functions, techniques of integration, indeterminate forms, improper integrals, and infinite series.

Requisites:

MATH 2200 (C or better) - Must be completed prior to taking this course.

Locations:

ROCK SPRINGS, GREEN RIVER, INTERNET

Offered:

ALL SEMESTERS, ALL YEARS

[View Available Sections for MATH-2205](#)



MATH-2210 CALCULUS III (4 Credits)

Topics to include space and solid analytical geometry, vectors, differential calculus of functions of several variables and multiple integration with applications.

Requisites:

MATH 2205 (C or better) - Must be completed prior to taking this course.

Locations:

ROCK SPRINGS

Offered:

ALL SEMESTERS, ALL YEARS

[View Available Sections for MATH-2210](#)



MATH-2250 ELEM LINEAR ALGEBRA (4 Credits)

Topics include linear equations and matrices, vector spaces, linear transformations, determinants, orthogonality, eigenvalues and eigenvectors.

Requisites:

MATH 2205 (C or better) - Must be completed prior to taking this course.

Locations:

ROCK SPRINGS, INTERNET

Offered:

ALL SEMESTERS, ALL YEARS

[View Available Sections for MATH-2250](#)



MATH-2300 DISCRETE STRUCTURES (3 Credits)

Introduces the mathematical concepts that serve as foundations of computer science: logic, set theory, relations and functions, graphs (directed and undirected), inductively defined structures (lists and trees), and applications of mathematical induction. Provides an introduction to abstract and rigorous thinking in advanced mathematics and computer science. Cross listed with COSC 2300.

Requisites:

MATH 2200 or equivalent, or MATH 2350 and COSC 1030 (may be taken concurrently) - Must be taken either prior to or at the same time as this course.

Locations:

ROCK SPRINGS, INTERNET

MATH-2310 APPLD DIFFERENTIAL EQUATIONS (3 Credits)

Topics include methods of solutions of ordinary differential equations with emphasis on applications. Transforms and applications are also included.

Requisites:

MATH 2205 (C or better) - Must be completed prior to taking this course.

Locations:

ROCK SPRINGS

Offered:

ALL SEMESTERS, ALL YEARS

MATH-2350 BUSINESS CALCULUS (4 Credits)

Primarily for students in the College of Business. Includes an introduction to limits; the definition of a derivative; derivatives and their applications; antiderivatives; definite integrals and their applications. The applications emphasize concepts of interest to business majors.

Requisites:

MATH 1400 or higher (C or better) or Math ACT of 26 or higher or ALEKS score of 61-75 - Must be completed prior to taking this course.

Locations:

ROCK SPRINGS, GREEN RIVER, INTERNET

Offered:

ALL SEMESTERS, ALL YEARS

[View Available Sections for MATH-2350](#)



MATH-2355 MATH APPLICATIONS FOR BUSINES (4 Credits)

Primarily for students in the College of Business. Includes the mathematics of finance, systems of linear equations and matrices, linear programming, and sets, counting, and probability. Students will learn to use Excel spreadsheets to solve business application systems.

Requisites:

MATH 1400 or higher (C or better) or Math ACT of 26 or higher or ALEKS score of 61-75 - Must be completed prior to taking this course.

Locations:

ROCK SPRINGS, GREEN RIVER, INTERNET

Offered:

ALL SEMESTERS, ALL YEARS

MATH-2465 DIRECTED STUDY: MATH (1 to 3 Credits)

No description available.

Requisites:

None

Offered:

ALL SEMESTERS, ALL YEARS

MATH-2475 INDEPENDENT STUDY: MATH (0 Credits)

No description available.

Requisites:

None

Locations:

ROCK SPRINGS

Offered:

ALL SEMESTERS, ALL YEARS

MATH-2490 STUDIES IN MATHEMATICS (0 Credits)

No description available.

Requisites:

None

Locations:

ROCK SPRINGS, GREEN RIVER

Offered:

ALL SEMESTERS, ALL YEARS

MATH-3 LEVEL 3 PREREQS (0 Credits)

No description available.

Requisites:

None

