



College Math Semester 2 Final Assessment Blueprint

Year: 2024-2025
Subject: Math

Method of Delivery: Online
Administration Window: May 12 - 22

Resources

[College Math Curriculum Map](#)

Standards At-A Glance

Standard	Number of Items	Standard Description
MAT142.10.0	4	Solve applications using the normal distribution. (III)
MAT142.11.0	2	Solve applications involving loans and amortizations. (IV)
MAT142.12.0	1	Solve applications involving annuities. (IV)
MAT142.13.0	1	Calculate the annual interest rate given the annual yield and vice versa. (IV)
MAT142.14.0	1	Solve real-life problems using exponential growth. (IV)
MAT142.15.0	4	Use appropriate formulas and units of measure for composite geometric shapes and figures from real life problems. (V)
MAT142.19.0	2	Model and solve real-world problems. (I-VI)
MAT142.3.0	1	Distinguish between experimental and theoretical probability, and use each to solve applied problems. (II)
MAT142.4.0	1	Use conditional probability to solve applied problems involving dependent events. (II)
MAT142.5.0	1	Use probabilities to calculate odds, either in favor of or against a particular event, and vice versa. (II)
MAT142.6.0	4	Solve probability problems involving combinations and permutations. (II)
MAT142.7.0	1	Organize, analyze, and display data using multiple representations. (III)
MAT142.8.0	1	Calculate and interpret measures of central tendency and dispersion. (III)
MAT142.9.0	3	Calculate and interpret measures of location (percentiles and quartiles). (III)

Depth of Knowledge

DOK	Number of Items
Level 1: Recall	0
Level 2: Skill/Concept	17
Level 3: Strategic Thinking	10

Item Types Included

Type	Number of Items	Description
MC	27	Multiple Choice - Select one answer