De Anza College

Astronomy, Chemistry, Engineering, Geology, Mathematics, Meteorology, Physics

De Anza College
Date: 01-14-2024

Phys. Science, Math, Eng.
ASTR - Astronomy
PSLO
No PSLOs
CHEM - Chemistry
PSLO
No PSLOs
ENGR - Engineering
PSLO
No PSLOs
GEOL - Geology
PSLO
No PSLOs
MATH - Mathematics

AST_Associate in Science in Mathematics for Transfer
• Be prepared for successful entry into upper division courses in mathematics

COCE_Bridge to Precalculus
• Evaluate real-world situations by applying linear, quadratic and exponential function models appropriately

• Distinguish between and manipulate linear, quadratic and exponential models

• Demonstrate sound algebraic techniques by applying proper mathematical notation to problems involving algebraic and transcendental functions

• Demonstrate sound algebraic techniques by applying proper mathematical notation to trigonometric problems

COCE_Bridge to Precalculus 2
• Evaluate real-world situations by applying linear, quadratic and exponential function models appropriately

• Distinguish between and manipulate linear, quadratic and exponential models

• Demonstrate sound algebraic techniques by applying proper mathematical notation to problems involving functions

• Demonstrate sound algebraic techniques by applying proper mathematical notation to trigonometric problems

COCE_Bridge to Statistics
• Demonstrate mathematical concepts, skills, and numeracy needed for understanding Probability and Statistics

• Evaluate real-world situations and distinguish between and apply linear and exponential function models appropriately

• Analyze, interpret, and communicate results of linear and exponential models in a logical manner

• Organize sample data by constructing and/or evaluating tables, graphs, and numerical measures of characteristics of data

COCE_Math Basic Skills
• Demonstrate mathematical concepts, skills and numeracy

• Demonstrate and apply a systematic and logical approach to solving arithmetic and geometric problems

• Evaluate real-world situations and distinguish between and apply linear and quadratic function models

• Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational and discrete function models appropriately

• Analyze, interpret and communicate results of exponential, logarithmic and rational models in a logical manner from four points of view - visual, formula, numerical, and written

MET - Meteorology
PSLO
No PSLOs

PHYS - Physics
PSLO
No PSLOs