

MATH-83: ESSENTIAL MATHEMATICS FOR STATISTICS

Effective Term

Fall 2024

CC Approval

01/19/2024

AS Approval

02/27/2024

BOT Approval

03/21/2024

SECTION A - Course Data Elements

Send W

SECTION C - Conditions on Enrollment

Open Entry/Open Exit

No

Repeatability

Not repeatable

Grading Options

Pass/No Pass only

Allow Audit

Yes

Requisites

Corequisite(s)

Concurrent enrollment in Math 230 or equivalent

Requisite Justification

Requisite Description

Corequisite in a separate course

Subject

Math

Course #

230

Level of Scrutiny

Closely related to other courses

SECTION D - Course Standards

Is this course variable unit?

No

Units

2.00000

Lecture Hours

1.00

Activity Hours

3.00

Outside of Class Hours

4

Total Contact Hours

4

Total Student Hours

10

Distance Education Approval

Is this course offered through Distance Education?

Yes

Online Delivery Methods

DE Modalities	Permanent or Emergency Only?
ntiel n h e	e ma t
b r d	e ma t
n h e th o t o e d a n s	e ma t

SECTION E -

- 19 Graphs scatter plots in application data
- 20 Find and interpret the intercept on a graph and a given equation
- 21 Find and interpret the slope of points and a line and a graph
- 22 Graph linear relations in slope-intercept and point-slope
- 23 Use models of linear relations to model data
- 24 Set notation
- 25 Determine the intersection and complement of sets
- 26 Set notation
- 27 Computer applications
- 28 Edit text files - text documents
 - a. A Edit the Domain exercises in doing both Mind and it
 - b. Edit the text in game strategies
 - c. Edit time management
 - d. Edit strategies
 - e. Camps exercises

Methods of Instruction

Methods of Instruction

Types	Examples of learning activities
Direct	In-class lecture
Discussion	Discussion of class topics
Problem	Practice problems in groups

Instructor-Initiated Online Contact Types

- Announcements/ Bulletin board
- Discussion board
- mail Communication
- Video or electronic learning

Student-Initiated Online Contact Types

- Discussions
- Problem

Course design is accessible

es

Methods of Evaluation

Methods of Evaluation

Types	Examples of classroom assessments
Class participation	Participate in class discussions related to content
Activities	Use real world data and data conditions in statistical analysis
Problem	Problem problems on the book or worksheets in online the exploration of data
Other	Additional assessment information The Mathematics Department maintains a commitment to diverse teaching methods in courses emphasizing critical thinking skills and qualitative reasoning ability. That is, it is expected that student assessment will be given to students that include length and rigor and assess both quantitative skills and qualitative reasoning.

Writing Assignments

ample1 (n h e o r a p e r o m e o r C o m p l e t e a s s i g n e d e r o s s o m t h e a p p l i c a b l e s e d i t i o n i n t h e t e t
ample2 (o p p o e t a p h t h e g e n o r d e d p a i r D a t h e l i n e o b e s t t a n d t h e n d h e e a t i o n o t h e l i n e h e
i n t e p e t t h e s l o p e a n d i n t e r c e p t

Other Assignments

t h e r a s s i g n m e n t s a n e e d e d

SECTION F - Textbooks and Instructional Materials

Material Type

t h e r e i e d m a t e r i a l s / s p p l i e s

Description

s e o t e t b o o a n d m a t e r i a l s o m c o n c r e t l e n o l l e d M a t h 2 3 2 o r e i a l e t

Proposed General Education/Transfer Agreement

Do you wish to propose this course for a Local General Education Area?

No

Do you wish to propose this course for a CSU General Education Area?

No

Do you wish to propose this course for a UC Transferable Course Agreement (UC-TCA)?

No

Course Codes (Admin Only)

ASSIST Update

No

CB00 State ID

CCC000 02

CB10 Cooperative Experience Status

N - s N o t a t t o r e q u i r e d f o r p e r i e n c e e d u c a t i o n p r o g r a m

CB11 Course Classification

- C r e d i t C o u r s e

CB13 Special Class Status

N - t h e C o u r s e i s N o t a n A p p r o p r i a t e S p e c i a l C l a s s

CB23 Funding Agency Category

- N o t A p p l i c a b l e (F u n d i n g N o t S e d

CB24 Program Course Status

N o t P r o g r a m A p p l i c a b l e

Allow Pass/No Pass

es

Only Pass/No Pass

es