

Cerro Coso College
Course Outline of Record Report
 10/14/2021

MATHC101 : Survey of Mathematical Concepts

General Information

Author:	-
Course Code (CB01) :	MATHC101
Course Title (CB02) :	Survey of Mathematical Concepts
Department:	Mathematics
Proposal Start:	Summer 2014
TOP Code (CB03) :	(1701.00) Mathematics, General
SAM Code (CB09) :	Non-occupational
Distance Education Approved:	No
Course Control Number (CB00) :	CCC000264313
Curriculum Committee Approval Date:	12/31/1969
Board of Trustees Approval Date:	12/31/1969
External Review Approval Date:	12/31/1969
Course Description:	Students will explore the history of mathematics, the relationship of mathematics to modern society, elementary theory of probability and statistics, functions and their graphs, number theory, and logic.
Submission Type:	New Course
Author:	No value

Faculty Minimum Qualifications

Master Discipline Preferred:	No value
Alternate Master Discipline Preferred:	No value
Bachelors or Associates Discipline Preferred:	No value
Additional Bachelors or Associates Discipline Preferred:	No value

Course Development Options

Basic Skills Status (CB08) Course is not a basic skills course. <input type="checkbox"/> Allow Students to Gain Credit by Exam/Challenge	Course Special Class Status (CB13) Course is not a special class. Allowed Number of Retakes 0	Grade Options <ul style="list-style-type: none"> Letter Grade Methods Satisfactory Progress
Rationale For Credit By Exam/Challenge No value	Retake Policy Description Type:	Course Prior To College Level (CB21) Not applicable. <input type="checkbox"/> Allow Students To Audit Course

Course Support Course Status (CB26)

No value

Associated Programs

Course is part of a program (CB24)

Associated Program

No value

Award Type

No value

Active

Transferability & Gen. Ed. Options

Course General Education Status (CB25)

No value

Transferability

Transferable to CSU only

Transferability Status

Approved

Units and Hours

Summary

Minimum Credit Units (CB07)	3
Maximum Credit Units (CB06)	3
Total Course In-Class (Contact) Hours	54
Total Course Out-of-Class Hours	108
Total Student Learning Hours	162
Faculty Load	0

Credit / Non-Credit Options

Course Credit Status (CB04)

Credit - Degree Applicable

Course Non Credit Category (CB22)

Credit Course.

Non-Credit Characteristic

No Value

Course Classification Status (CB11)

Credit Course.

Variable Credit Course

Funding Agency Category (CB23)

Not Applicable.

Cooperative Work Experience Education Status (CB10)

Weekly Student Hours

Course Student Hours

	In Class	Out of Class	Course Duration (Weeks)	18
Lecture Hours	3	6	Hours per unit divisor	54
Laboratory Hours	0	0	Course In-Class (Contact) Hours	
Activity Hours	0	0	Lecture	54
			Laboratory	0
			Activity	0
			Total	54
			Course Out-of-Class Hours	
			Lecture	108
			Laboratory	0
			Activity	0
			Total	108

Time Commitment Notes for Students

No value

Faculty Load

Extra Duties: 0

Faculty Load: 0

Units and Hours - Weekly Specialty Hours

Activity Name	Type	In Class	Out of Class
No Value	No Value	No Value	No Value

Pre-requisites, Co-requisites, Anti-requisites and Advisories

Prerequisite

MATHC050 - Elementary Algebra

Entrance Skills	
Entrance Skills	Description
No value	No value

Limitations on Enrollment	
Limitations on Enrollment	Description
No value	No value

Specifications				
Methods of Instruction				
Assignments				
No Value				
Methods of Evaluation		Rationale		
No value				
Equipment				
No Value				
Textbooks				
Author	Title	Publisher	Date	ISBN
No Value	No Value	No Value	No Value	No Value
Other Instructional Materials				
No Value				
Materials Fee				
No				

Learning Outcomes and Objectives

Course Objectives

No value

CSLOs

No value

Outline

Course Outline

No value

Delivery Methods and Distance Education

Delivery Method: Please list all that apply -Face to face -Online (purely online no face-to-face contact) -Online with some required face-to-face meetings ("Hybrid") -Online course with on ground testing -iTV – Interactive video = Face to face course with significant required activities in a distance modality -Other

Rigor Statement: Assignments and evaluations should be of the same rigor as those used in the on-ground course. If they are not the same as those noted in the COR on the Methods of Evaluation and out-of-class assignments pages, indicate what the differences are and why they are being used. For instance, if labs, field trips, or site visits are required in the face to face section of this course, how will these requirements be met with the same rigor in the Distance Education section?

No Value

Effective Student-Instructor Contact: Good practice requires both asynchronous and synchronous contact for effective contact. List the methods expected of all instructors teaching the course. -Learning Management System -Discussion Forums -Moodle Message -Other Contact -Chat/Instant Messaging -E-mail -Face-to-face meeting(s) -Newsgroup/Discussion Board -Proctored Exam -Telephone -iTV -Interactive Video -Other (specify)

Software and Equipment: What additional software or hardware, if any, is required for this course purely because of its delivery mode? How is technical support to be provided?

No Value

Accessibility: Section 508 of the Rehabilitation Act requires access to the Federal government's electronic and information technology. The law covers all types of electronic and information technology in the Federal sector and is not limited to assistive technologies used by people with disabilities. It applies to all Federal agencies when they develop, procure, maintain, or use such technology. Federal agencies must ensure that this technology is accessible to employees and the public to the extent it does not pose an "undue

burden". I am using -iTV—Interactive Video only -Learning management system -Publisher course with learning management system interface.

Class Size: Good practice is that section size should be no greater in distance ed modes than in regular face-to-face versions of the course. Will the recommended section size be lower than in on-ground sections? If so, explain why.

No Value