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University of Hawai'i
Code Request Form for Academic Programs

NEW OR MODIFIED SUBJECT CODE

Date: 01/11/2021

REQUESTOR CONTACT INFORMATION

Name	Kathlen Lee	Campus	Kauai CC
Title	Educational Specialist	Email	kathlen@hawaii.edu
Office/Dept	Academic Affairs	Phone	808-245-8204

☒ NEW SUBJECT CODE USE AT INSTITUTION
☐ MODIFY SUBJECT CODE USE AT INSTITUTION

Institution: Kauai CC Effective Term: Fall 2021

		Code (Max. Characters)	Description (30 characters max)	Check if requesting new code:
College	(2)	IN	Instructional	☐ See Banner form STVCOLL
Division	(4)	MS	Math and Science	☐ See Banner form STVDIVS
Department	(4)	ERTH	Earth Sciences	☐ See Banner form STVDEPT
Subject	(4)	ERTH	Earth Sciences	☐ See Banner form STVSUBJ

Select one:
General & Pre-Professional (GPP) or ☐
Career & Technical (CTE) ☐

Explain the reason for the new subject code (i.e. - replacing an existing subject code (specify), revised name, new program, ...):
Replacing existing GG subject code.

ATTACHMENTS

☒ Memo with appropriate campus approval (i.e. Campus Curriculum Committee, Vice Chancellor for Academic Affairs, etc.)

VERIFICATIONS

Registrar:

Print Name	Signature	Date
Kailana Soto	Kailana A Soto	1/20/21

Financial Aid Officer:

Print Name	Signature	Date
Jeff Anderson		1/20/21

For Community Colleges, verification of consultation with OVPCC Academic Affairs:

Print Name	Signature	Date
Della Teraoka	Della Teraoka	2/8/2021

ERTH 101
(GG101)
Introduction to Geology

InWorkflow | Fall 2021

Proposal Information

Status
Active

Workflow Status
> Post Approval Node > Banner Support

- Kathlen Lee - Review

Proposer

✔ **Stephen Taylor (Submitter)**
Submitted 9-11-2020

(FYI) \\ *FYI*

✉ Evelyn Kamai

✉ Kathlen Lee

(Assessment Committee) \\ *Assessment Coordinator*

✔ **Candace Tabuchi**
Approved 9-16-2020

Division (Mathematics and Science) \\ *Division Chair/Director*

✔ **Ryan P Girard**
Approved 9-28-2020

(Curriculum Committee) \\ *Curriculum Level FYI*

✉ Kathlen Lee

✉ Evelyn Kamai

(Curriculum Committee) \\ *Curriculum Chair/Co-chair*

✔ **James D Andrews**
Approved 10-30-2020

Approved 10/30/2020 by CC

– Alexis Erum

(CO Proposal Check) \\ *Reviewers/Editors*

- James D Andrews
- Alexis Erum
- **Kathlen Lee**
  Approved 11-2-2020

(Administration) \\ *VCAA*

- **Frankie L Harriss**
  Approved 1-5-2021

(Administration) \\ *Chancellor*

- **Joseph M Daisy**
  Approved 1-5-2021

(Administration) \\ *Institutional Researcher*

- Amanda Fluharty

(Post Approval Node) \\ *Curriculum Committee Chair/Co-chairs*

- James D Andrews
- Wade Tanaka

(Post Approval Node) \\ *Banner Support*

Kathlen Lee

(Post Approval Node) \\ *VCAA Secretary Notification*

Evelyn Kamai

(Post Approval Node) \\ *Additional FYI*

Wade Tanaka

Kailana Soto

Sarah Shirai

Maritza Medina

Shaunte Sadora

Division (Mathematics and Science) \\ *Division Chair/Director*

Ryan P Girard

Division (Mathematics and Science) \\ *Office Assistant*

Dyanne MK Soto

Changes

- 2BannerTitleB
- bdeBillingLow
- bdeBillingOpt
- bdeCollCode
- bdeContactLow

Show All

Catalog Course Description

CAT: (ADMIN USE) START TERM
Fall 2021

Proposed
CAT: A.1) PROPOSAL TYPE
Five-year review (WITH MODIFICATIONS)

Existing
CAT: A.1) PROPOSAL TYPE
NEW course

Proposed
CAT: 1.1) SUBJECT CODE
ERTH

Existing
CAT: 1.1) SUBJECT CODE
GG

CAT: 1.2) NUMBER
101

CAT: 1.4) TITLE
Introduction to Geology

Proposed

CAT: 1.6) DESCRIPTION

This course is a study of the principles of physical geology, the composition and structure of the earth, and the processes shaping the earth's surface. We'll study geology as it affects our lives and shapes our landscape including volcanoes, earthquakes, tsunamis, and other processes such as weathering and mountain building that evolve or act over extremely long time periods. The course also explores the very nature of science and scientific inquiry through the unifying theory of plate tectonics, a dramatic example of how new evidence and understanding can revolutionize a scientific discipline.

Existing

CAT: 1.6) DESCRIPTION

This course is a study of the principles of physical geology, the composition and structure of the earth, and the processes shaping the earth's surface. We'll study geology as it affects our lives and shapes our landscape including volcanoes, earthquakes, tsunamis, and other processes such as weathering and mountain building that evolve or act over extremely long time periods. The course also explores the very nature of science and scientific inquiry through the unifying theory of plate tectonics, the most recent and perhaps most dramatic example of new evidence and understanding revolutionizing a scientific discipline.

Proposed

CAT: 2.6) CATALOG REQUISITES

CURRENT (UNTIL SUMMER 2021):
Prereq: Qualified for ENG 100. Qualified for MATH 75X.

Coreq: GG 101L

EFEFCTIVE FALL 2021:
Prereq: Qualified for ENG 100 and MATH 82X.

Coreq: ERTH 101L

Existing

CAT: 2.6) CATALOG REQUISITES

Prereq: Effective Fall 2016: Qualified for ENG 100. Qualified for MATH 75X.

Coreq: GG 101L

CAT: 1.7) COMMENTS FOR CATALOG (IA)

CAT: 1.9) CROSS-LISTED COURSE FOR (IA)

CAT: 1.13) REPEATABILITY - FOR ADDITIONAL CREDIT

No

Proposed

CAT: B.1) SEMESTER OFFERING

Fall and/or Spring

Existing

CAT: B.1) SEMESTER OFFERING

CAT: B.2) SEMESTER OFFERING FREQUENCY
N/A (offered every year or every semester)

CAT: 1.10) CREDIT OPTION
3

CAT: 1.11) CONTACT HOURS
Semester Type
Standard Semester (15 weeks)

Activity Type	Hours/Week	Credit Ratio	Contact Hours	Credits
Lecture (1 credit per 1 contact hour)	3	1:1	45	3
Lab (1 credit per 3 contact hours)		1:3	0	0
Lecture/Lab (1 credit per 2 contact hours)		1:2	0	0
	3		45	3

BANNER: 1.12) REPEATABILITY - FOR GRADE REPLACEMENT
Repeatable once (2 attempts / Banner limit = 1)

P: 2.2) APPROVAL OF INSTRUCTOR IS REQUIRED TO ENROLL
No (instructor approval is OPTIONAL; requisite and repeat rules apply)

Proposer/Division

Proposed
PROPOSER
Stephen Taylor

Existing
PROPOSER
ITS-Robin Meade

DIVISION
Mathematics and Science

P.1) Initial Start Term (Proposer Request) (I/R)

P.1.A) REQUESTED START TERM
Fall 2021

P.1.B) START TERM EXCEPTION GRANTED (IF APPLICABLE)

(ADMIN USE) NOTES

A) Proposal Type (I/R)

Proposed
A.1) PROPOSAL TYPE
Five-year review (WITH MODIFICATIONS)

Existing
A.1) PROPOSAL TYPE
NEW course

P.2) Proposal Justification (I/R)

P.2.A) JUSTIFICATION FOR PROPOSAL TYPE, INCLUDING MODIFICATIONS (IF APPLICABLE)
Reduction by 1 SLO,; modified course description, change in course alpha

B) Proposal Details

(ADMIN USE) START TERM
Fall 2021

FIVE-YEAR REVIEW CYCLES (Read Only)
2013/14
2014/15

Proposed
B.1) TERM OFFERING(S)
Fall and/or Spring

Existing
B.1) TERM OFFERING(S)

B.2) FREQUENCY OF OFFERING(S)
N/A (offered every year or every semester)

SIMILAR COURSES AT OTHER UH CAMPUSES (AUTOMATICALLY GENERATED)

Institution	Course Code/Title
Hawai'i CC -	ERTH 101 - Introduction to Geology
Leeward CC -	ERTH 101 - Introduction to Geology

Proposed

B.3) SIMILAR COURSES AT OTHER UH CAMPUSES - DIFFERENT SUBJECT CODE AND/OR NUMBER (IF APPLICABLE)
Windward CC
GG101 - Dynamic Earth

Existing
B.3) SIMILAR COURSES AT OTHER UH CAMPUSES - DIFFERENT SUBJECT CODE AND/OR NUMBER (IF APPLICABLE)

Admin Panel 1

(ADMIN USE) FIVE-YEAR REVIEW CYCLES
2013/14
2014/15

P.3) Dependencies Impact (I/R)

(DIVISION CHAIR/ADMIN REVIEW) IMPACT OF DEPENDENCIES

	Impacted
Course credits increased or decreased	
Course is being inactivated	
Course is being retired	
Course is being split into two separate courses (may also include alpha/number change)	

P.3.A) PROPOSER ACKNOWLEDGEMENT (REQUIRED)
I understand that my CO proposal will be withheld until affected division(s) take appropriate action, if required, for all courses and programs listed as a dependency

Course Dependencies

LIST OF DEPENDENCIES
2.3) COREQUISITES (IF APPLICABLE)
GG 101L - Introduction to Geology Lab View Courses
OPTION (IN PARS): THIS COURSE IS PART OF CATEGORY FOR THE FOLLOWING PARS (PART OF A LIST THAT WILL FULFILL A SPECIFIC CATEGORY REQUIRED FOR THE PROGRAM)
ASC-LBRT-MOP - Marine Option Program View Programs

C) Articulation

C.1) ARTICULATION STATUS
Already articulated (justification provided below)

Proposed
C.1.A) ARTICULATION STATUS JUSTIFICATION
ERTH 101 (formerly GG101) exists at UH Manoa and Windward CC. It also has a physcial science diversification (DP) for liberal arts majors. See attached screen shot

Existing
C.1.A) ARTICULATION STATUS JUSTIFICATION
http://www.hawaii.edu/offices/app/aa/articulation/articulation.html
http://www.hawaii.edu/offices/app/aa/articulation/JI_MOA.pdf

1) General Information

Proposed
1.1) SUBJECT CODE
ERTH

Existing
1.1) SUBJECT CODE
GG

1.2) NUMBER
101

DIVISION
Mathematics and Science

Proposed
1.3) PREVIOUS SUBJECT CODE AND NUMBER (IF APPLICABLE)

Subject Code	Number
GG	101

Existing
1.3) PREVIOUS SUBJECT CODE AND NUMBER (IF APPLICABLE)

Proposed
1.3a) DETAILS

Previous Subject Code and Number Details

GG 101 (old) to ERTH 101 effective Fall 2021

Existing
1.3a) DETAILS

Previous Subject Code and Number Details

1.4) TITLE
Introduction to Geology

1.5) BANNER TITLE
Intro Geology

Proposed

1.6) DESCRIPTION

This course is a study of the principles of physical geology, the composition and structure of the earth, and the processes shaping the earth's surface. We'll study geology as it affects our lives and shapes our landscape including volcanoes, earthquakes, tsunamis, and other processes such as weathering and mountain building that evolve or act over extremely long time periods. The course also explores the very nature of science and scientific inquiry through the unifying theory of plate tectonics, a dramatic example of how new evidence and understanding can revolutionize a scientific discipline.

Existing

1.6) DESCRIPTION

This course is a study of the principles of physical geology, the composition and structure of the earth, and the processes shaping the earth's surface. We'll study geology as it affects our lives and shapes our landscape including volcanoes, earthquakes, tsunamis, and other processes such as weathering and mountain building that evolve or act over extremely long time periods. The course also explores the very nature of science and scientific inquiry through the unifying theory of plate tectonics, the most recent and perhaps most dramatic example of new evidence and understanding revolutionizing a scientific discipline.

1.7) COMMENTS FOR CATALOG (IF APPLICABLE)

1.8) CROSS-LISTED COURSE FOR COURSE EQUIVALENCE (IF APPLICABLE)

1.9) MAXIMUM ENROLLMENT

24

1.10) CREDIT OPTION

3

1.11) CONTACT HOURS

Semester Type

Standard Semester (15 weeks)

Activity Type	Hours/Week	Credit Ratio	Contact Hours	Credits
Lecture (1 credit per 1 contact hour)	3	1:1	45	3
Lab (1 credit per 3 contact hours)		1:3	0	0
Lecture/Lab (1 credit per 2 contact hours)		1:2	0	0
	3		45	3

(DIVISION CHAIR/VCAA USE) SCHEDULE TYPE

LEC = Lecture (basis of 15)

INITIAL WORKLOAD (TO THOUSANDTHS PLACE) (Read Only)

3

1.12) REPEATABILITY - FOR GRADE REPLACEMENT

Repeatable once (2 attempts / Banner limit = 1)

1.13) REPEATABILITY - FOR ADDITIONAL CREDIT

No

1.14) GRADING OPTIONS

Standard letter grade (A-F)

(ADMIN USE) GENERAL INFORMATION NOTES

2) Requisite Information

Proposed

2.1) PREREQUISITES (IF APPLICABLE)

- Qualified for these courses:
  - **ENG100 - Composition I (3)**
  - **MATH82X - Expanded Algebraic Foundations (5)**

Existing

2.1) PREREQUISITES (IF APPLICABLE)

- Qualified for MATH 26 and ENG 100
- Or Qualified for MATH 75 and ENG 100
- Or qualified for these courses:
  - **MATH25 - Elementary Algebra II (3)**

2.2) APPROVAL OF INSTRUCTOR IS REQUIRED TO ENROLL IN THIS COURSE

No (instructor approval is OPTIONAL; requisite and repeat rules apply)

2.3) COREQUISITES (IF APPLICABLE)

- Concurrently enrolled in these courses:
  - **GG101L - Introduction to Geology Lab (1)**

2.4) RECOMMENDED PREPARATORY COURSE REQUISITES (IF APPLICABLE)

None

2.5) RECOMMENDED PREPARATORY SKILLS/KNOWLEDGE (IF APPLICABLE)

Proposed

CATALOG REQUISITES (Read Only)

CURRENT (UNTIL SUMMER 2021):
Prereq: Qualified for ENG 100. Qualified for MATH 75X.

Coreq: GG 101L

EFEFCTIVE FALL 2021:
Prereq: Qualified for ENG 100 and MATH 82X.

Coreq: ERTH 101L

Existing

CATALOG REQUISITES (Read Only)
Prereq: Effective Fall 2016: Qualified for ENG 100. Qualified for MATH 75X.

Coreq: GG 101L

(ADMIN USE) REQUISITE INFORMATION NOTES

Admin Panel 2

Proposed
(ADMIN USE) CATALOG REQUISITE
CURRENT (UNTIL SUMMER 2021):
Prereq: Qualified for ENG 100. Qualified for MATH 75X.

Coreq: GG 101L

EFEFCTIVE FALL 2021:
Prereq: Qualified for ENG 100 and MATH 82X.

Coreq: ERTH 101L

Existing
(ADMIN USE) CATALOG REQUISITE
Prereq: Effective Fall 2016: Qualified for ENG 100. Qualified for MATH 75X.

Coreq: GG 101L

3) Learning Outcomes

Proposed

3.1) STUDENT LEARNING OUTCOMES

Describe the rock cycle including descriptions of the three major rock types, their origins, and processes by which rocks can change from one type to another.

Methods of Assessment

Exam or Quiz/Embedded Questions

Linked Program Outcome

Liberal Arts, AA (Approved 3/20/2018) 5/7: Support opinions and make decisions based upon a scientific understanding of the physical and natural world, and appropriately apply the scientific method to test ideas, measure and evaluate results, develop models, solve problems, and generate new ideas. (Liberal Arts)

Linked Institution Outcomes

Integrative Thinking: Use problem-solving skills and creative thinking strategies to make connections among ideas and experiences and to synthesize and transfer learning to new and varied situations.

Describe the theory of plate tectonics and how it can explain observed soil, rocks, geographic features, and hazards on varying time and space scales.

Methods of Assessment

Exam or Quiz/Embedded Questions

Linked Program Outcome

Liberal Arts, AA (Approved 3/20/2018) 5/7: Support opinions and make decisions based upon a scientific understanding of the physical and natural world, and appropriately apply the scientific method to test ideas, measure and evaluate results, develop models, solve problems, and generate new ideas. (Liberal Arts)

Linked Institution Outcomes

Integrative Thinking: Use problem-solving skills and creative thinking strategies to make connections among ideas and experiences and to synthesize and transfer learning to new and varied situations.

Describe how the atomic structure of minerals is related to large-scale properties of the minerals, materials formed from the minerals (e.g. lava, magma, and rocks), and even the character of entire landscapes.

Methods of Assessment

Exam or Quiz/Embedded Questions

Linked Program Outcome

Liberal Arts, AA (Approved 3/20/2018) 5/7: Support opinions and make decisions based upon a scientific understanding of the physical and natural world, and appropriately apply the scientific method to test ideas, measure and evaluate results, develop models, solve problems, and generate new ideas. (Liberal Arts)

Linked Institution Outcomes

Integrative Thinking: Use problem-solving skills and creative thinking strategies to make connections among ideas and experiences and to synthesize and transfer learning to new and varied situations.

Describe the internal features of Earth and how these features are studied and inferred.

Methods of Assessment

Exam or Quiz/Embedded Questions

Linked Program Outcome

Liberal Arts, AA (Approved 3/20/2018) 5/7: Support opinions and make decisions based upon a scientific understanding of the physical and natural world, and appropriately apply the scientific method to test ideas, measure and evaluate results, develop models, solve problems, and generate new ideas. (Liberal Arts)

Linked Institution Outcomes

Integrative Thinking: Use problem-solving skills and creative thinking strategies to make connections among ideas and experiences and to synthesize and transfer learning to new and varied situations.

Formulate reasonable interpretations of geological processes using historical, descriptive, systems-oriented, and/or experimental approaches.

Methods of Assessment

Exam or Quiz/Embedded Questions

Linked Program Outcome

Liberal Arts, AA (Approved 3/20/2018) 5/7: Support opinions and make decisions based upon a scientific understanding of the physical and natural world, and appropriately apply the scientific method to test ideas, measure and evaluate results, develop models, solve problems, and generate new ideas. (Liberal Arts)

Linked Institution Outcomes

Integrative Thinking: Use problem-solving skills and creative thinking strategies to make connections among ideas and experiences and to synthesize and transfer learning to new and varied situations.

Existing

3.1) STUDENT LEARNING OUTCOMES

Describe the rock cycle including descriptions of the three major rock types, their origins, and processes by which rocks can change from one type to another.

Methods of Assessment

None

Linked Program Outcome

Linked Institution Outcomes

-- No options selected --

Describe the theory of plate tectonics and how it can explain observed soil, rocks, geographic features, and hazards on varying time and space scales.

Methods of Assessment

None

Linked Program Outcome

Linked Institution Outcomes

-- No options selected --

Describe how the atomic structure of minerals is related to large-scale properties of the minerals, materials formed from the minerals (e.g. lava, magma, and rocks), and even the character of entire landscapes.

Methods of Assessment

None

Linked Program Outcome

Linked Institution Outcomes

-- No options selected --

Describe the internal features of Earth and how these features are studied and inferred.

Methods of Assessment

None

Linked Program Outcome

Linked Institution Outcomes

-- No options selected --

Formulate reasonable interpretations of geological processes using historical, descriptive, systems-oriented, and/or experimental approaches.

Methods of Assessment

None

Linked Program Outcome

Linked Institution Outcomes

-- No options selected --

4) Weekly Content

Proposed

4.1) WEEKLY CONTENT

Weeks 1-5 - Geological context, physical and chemical principles, and plate tectonics

Weeks 6-15 - physical and chemical geological processes, interactions, time, and impacts.

Existing

4.1) WEEKLY CONTENT

Attachments (Optional)

Proposed

- ERTH101-Articulation.PNG
- ERTH-Articulation.PNG

Existing

Status

Status

Active

Start Term

Fall 2021

End Term

No Date Chosen

Banner Data Elements

(DIVISION CHAIR/VCAA USE) SCHEDULE TYPE

LEC = Lecture (basis of 15)

INITIAL WORKLOAD (TO THOUSANDTHS PLACE)

3

Proposed

SMAAREA (CONCURRENT ENROLLMENT CHECK BOX)

Rule	Course	Date
ENG100QUAL		2020/04/21
MATH82XPR		2020/11/02

Existing

SMAAREA (CONCURRENT ENROLLMENT CHECK BOX)

Rule	Course	Date
ENG100QUAL		2020/04/21

THIS COURSE IS MENTIONED IN GEN ED/SKILLS CORE OPTIONS LIST

No Rules