

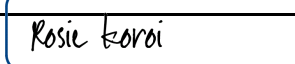

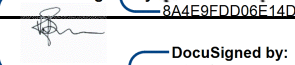

CMI COURSE CURRICULUM COURSE ACTION

Course Title: Elementary Science **Alpha Number:** EDU 323 **CIP No.** 13.1316

Type of Action:

- New Course (attach narrative justification for course creation)
- Substantive Revision (attach narrative justification for changes, including assessment and/or achievement data and feedback from the advisory committee if relevant)
- Select all that apply:
- Change in number of credit hours
 - Change in prerequisite
 - Substantive change in course content
 - Change to SLOs
 - Other: _____
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- Non-substantive Revision
- Select all that apply:
- Change in Alpha Number or Title (unless letter abbreviation has not previously been used)
 - Edit to course description that does not alter the substance of the course
 - Change to recommended texts
 - Other: change in contact hours from 94 to 90
- Reinstitution of Archived Course (attach narrative justification for reinstatement, including evidence of demand, evidence of capacity, feedback from the advisory committee if relevant, and commentary that speaks directly to the reasons the course was initially archived).
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- Reaffirmation of Course (only allowable if course completion rate exceeds ISS, the benchmark has been met for the majority of SLO assessments, and there is no evidence of inequitable levels of achievement across subpopulations; attach evidence)

Approvals:

	Name	Signature	Date
Department Chair	Rosie Koroi	 <small>DocuSigned by: 59252531F4EC4A3</small>	7/28/2024
Curriculum Committee Chair	Desmond Doulatram	 <small>DocuSigned by: 8A4E9FDD08E14D5</small>	7/27/2024
Dean	Vasemaca Savu	 <small>DocuSigned by: A656D7CD46154E8</small>	7/31/2024
VPASA	Dr. Elizabeth Switaj	 <small>DocuSigned by: 89BE3BDDC23465</small>	8/2/2024

Social Sciences _____
 Mathematics (Credit) _____
 Science _____

Student Learning Outcomes: Upon completion of this course, students will be able to:

1. Implement grade appropriate science instruction and assess student learning.
2. Create a collection of grade specific inquiry based activities.
3. Promote students' science knowledge through reading and writing using select children's literature.
4. Present lessons based on contemporary and indigenous science knowledge.

SLO Mapping:

Prerequisite Course SLO	Linked SLO from this Course	Explanation
Completion of AS or AA degree from CMI OR Admittance to CMI BAEE degree	1.Implement grade appropriate science instruction and assess student learning. 2.Create a collection of grade specific inquiry based activities. 3.Promote students' science knowledge through reading and writing using select children's literature. 4.Present lessons based on contemporary and indigenous science knowledge.	The prerequisite for the BAEE courses is completion of an associate degree from the College of the Marshall Islands.

Links to Program Learning Outcomes:

SLO	Linked PLO	I/P/M	Explanation of Link
1.	1. Reflect on experiential learning in the field of elementary education through maintaining a practicum portfolio. 5. Assess K-6 students' progress in all areas.	P	Students are given opportunities to implement, assess and reflect on grade appropriate science instruction for elementary students and to keep a record of their experiences, activities, and resources used for future reference in their classrooms.
2.	4. Demonstrate methods for content-area instruction using the RMI elementary curriculum	P	Students research, gather, and learn to continually update a

	in the implementation of lessons in the classroom. 6. Exhibit professional practices.		collection of inquiry-based resources for science concepts that align with the RMI Curriculum.
3.	3. Differentiate instruction for individuals, small and large groups. 4. Demonstrate methods for content-area instruction using the RMI elementary curriculum in the implementation of lessons in the classroom.	P	Teachers use resources in addition to the required textbook to meet the diverse needs of elementary students in the classroom based on the RMI Science Curriculum.
4.	2. Develop engaging and meaningful lessons in an authentic elementary classroom to meet long-term goals for students. 6. Exhibit professional practices.	P	Teachers develop science lessons that include the use of available local resources in order to facilitate real-world connections for elementary students.

Course Content: Students in this course will understand:

1. Curriculum materials for classroom use.
2. Framework for preparing instruction in classrooms.
3. Integrating children’s literature in science topics.
4. Scientific exploration in the local environment.

Higher Order Thinking Skills: Students in this course will experience

- Analyzing the basic elements of an idea, experience, or theory
- Making judgments about the value or soundness of information, arguments, or methods
- Applying theories or concepts to practical problems or in new situations

Recommended Methods of Instruction

- Demonstration
- Lecture
- Small group discussion
- Class discussion
- Audio-Visual Aids
- Laboratory
- Supervised Practice
- Field Trips
- Other: Field teaching, Assigned content readings

- Assigned Readings
- Field research (Interview with schools’ principal or administrator)
- Group Project
- Observations
- Presentations
- Small and large group discussions
- Case studies and critique

	Movie Critique
	Learning Games

Recommended Assessment Tool Type(s):

- Case Study
- Critique of Performance
- Exam/Quiz In-Course
- Exam/Quiz Standardized (attach narrative describing development and validation process)
- Focus Group
- Group Project
- Individual Project
- Observation
- Portfolio Review
- Presentation
- Simulation
- Skill Performance
- Supervisor Evaluation
- Survey
- Written Assignment

Required Forms of Regular and Substantive Interaction for Hybrid or Distance Education Courses (Select at Least Two):

Direct instruction through:

- Live video lectures
- Live audio-only lectures
- Live text chats
- Assessing or providing feedback on a student's coursework

Providing information or responding to questions about the content of a course or competency through:

- Live video discussions
- Live audio-only discussions
- Live text chats
- Asynchronous message boards or text chats

Facilitating a group discussion regarding the content of a course or competency through:

- Live audio-only discussions
- Live text chats
- Asynchronous message boards or text chats
- Other, specify:

Note: for distance education courses, if only two are selected, both must occur within the course on a weekly basis. If more than two are selected, the instructor may choose which two are used during each week.

Equipment and Materials:

1. Recommended texts:
E-copy

Skamp, Keith, et al. *Teaching Primary Science Constructively*, 7th ed. Cengage Learning Australia, 2020. ISBN: 9780170443401

2. Equipment/Facilities:
Science laboratory, Projector
3. Materials and Supplies:
Laboratory equipment, popsicle sticks, straws, circuit materials, timers

College Mission

The College of the Marshall Islands will provide our community with access to quality, higher and further educational services, prioritize student success through engagement in relevant Academic, Career and Technical Education, and be a center for the study of Marshallese Culture. It will also provide intellectual resources and facilitate research specific to the needs of the nation.

BoR approved 1st December, 2020

Connection to the College Mission

EDU 323 provides relevant and meaningful learning experiences which students can apply when they teach in the future; this is in support of the mission to provide access to quality education through enriching and engaging activities. In addition, this course will help future teachers use better, more effective approaches that should contribute to students building a foundation for improving their understanding of science concepts.

BAEE degree Mission:

The College of the Marshall Islands Bachelor of Arts in Elementary Education program is committed to engaging educators in reflection, authentic practice, and constructivism to deliver standards-based curriculum to RMI elementary students.

Approved November 23, 2016

Connection to BAEE degree Mission

EDU 323 provides quality, higher educational services and prioritizes student success through engagement in relevant academic and career learning opportunities. We examine quality pedagogy to connect foundational concepts and subject-matter content with the goal of improving the daily lives of our BAEE students' elementary level students. Engaging experienced and pre-service teachers in authentic practice requires them to reflect on their own previous educational experiences and to become aware of better strategies that research proves to benefit learning.

CC Approved on June 14, 2021