




CMI COURSE CURRICULUM COURSE ACTION

Course Title: Elementary Mathematics I Alpha Number: EDU 324 CIP No. 27.0399

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:
- 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
- Reinstitution of Archived Course (attach narrative justification for reinstitution, 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).
- 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	Dr. Pamela Perkins		07/23/2021
Curriculum Committee Chair	Florence Peter		7/23/2021
Dean	Vasemaca Savu		7/23/2021
VPASA	Dr. Elizabeth Switaj	<i>Dr. Elizabeth Switaj</i>	7/29/2021

Distribution Area:

Humanities
 Social Sciences
 Mathematics (Credit)
 Science

Prerequisite:

Completion of AS or AA degree from the CMI Or
 Admittance to CMI BAEE degree.

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

1. Create lessons that utilize inquiry-based approaches to teaching.
2. Present standards-based lessons that include the use of manipulatives.
3. Create lessons to accommodate diverse learners.
4. Assess students' work in relation to standards.

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.Create lessons that utilize inquiry-based approaches to teaching. 2.Present standards-based lessons that include the use of manipulatives. 3.Create lessons to accommodate diverse learners. 4.Assess students' work in relation to standards.	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. 4. Demonstrate methods for content-area instruction using the RMI elementary curriculum in the	P	Students are provided opportunities to demonstrate and reflect on grade appropriate mathematics instruction using the RMI elementary curriculum for

	implementation of lessons in the classroom.		elementary students; and to keep a record of their experiences, activities, and resources for future reference.
2.	2. Develop engaging and meaningful lessons in an authentic elementary classroom to meet long-term goals for students.	P	Teachers use manipulatives to create engaging and meaningful lessons that provide an understanding of the concepts.
3.	3. Differentiate instruction for individuals, small and large groups. 6. Exhibit professional practices.	P	Teachers use a variety of connected activities to differentiate instruction for diverse learners at both the individual and group levels.
4.	5. Assess K-6 students' progress in all areas. 6. Exhibit professional practices.	P	Teachers use meaningful and varied assessment tools to determine the level of understanding of students.

Course Content: Students in this course will understand:

Mathematics Topics:

1. Pre-number concepts
2. Counting
3. Numeration.
4. Introduction to geometry and measurement.
5. Whole number concepts, operations, and algorithms

Pedagogical Topics:

1. Standards in mathematics.
2. Methods of teaching math.
3. Numeration.
4. Assessment of children's mathematical understanding and performance.
5. Bloom's Taxonomy, SOLO Taxonomy
6. Learning plans

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

Recommended Assessment Tool Type(s):

- Case Study

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

Equipment and Materials:

1. Recommended texts: copy from EDU 325 when ready

Johnson, Art, et al. *Guiding Children’s Learning of Mathematics*, 13th ed. Cengage Learning, 2018. ISBN: 978-1-305-96068-8

Hacker, Diana, and Nancy Sommers. *Rules for Writers*, 9th ed. bedford/st.martin’s, 2019. ISBN: 978-1-319-05742-8

2. Equipment/Facilities:
Projector, Computer and Internet
3. Materials and Supplies:
Math manipulatives, Professional Teaching Videos, Supplemental Readings

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 324 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 mathematics 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 324 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 BAAE students' elementary level students today and in the future. Engaging experienced teachers 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 23rd July, 2021