

# Credit Workshops for teachers

CENTRAL MICHIGAN UNIVERSITY

CMU partners with Raven Hill Discovery Center located in East Jordan, Michigan, to offer graduate credit for their 2018 Workshops.



## CMU CREDIT

Each session offers graduate credit through Central Michigan University. If you are working on a degree program, please consult with your advisor to determine if the course will apply to your program.



## THREE CREDIT COURSES

Two class formats are available

- Weekends (WE): Saturdays & Sundays, 8 a.m.-5 p.m.
- Weekdays (WD): Monday through Thursday, 8 a.m.-5 p.m. daily

**Art Across the Ages (AAA):** General overview of art throughout history emphasizing a hands-on approach to experiences in clay, fiber, glass, metal, stone and wood from ancient to modern times. The course includes time to focus on an individual area of interest as well as participate as a group on a community project for permanent exhibit at Raven Hill Discovery Center.

February 3, 4, 10, 11 (WE)  
May 5, 6, 12, 13 (WE)

October 13, 14, 20, 21 (WE)  
December 1, 2, 8, 9 (WE)

**Focused, single-medium tracks of AAA are also available:**

AAA: Clay – August 13-16 (WD)  
AAA: Glass – June 18-21 (WD)\*

AAA: Fiber – August 6-9 (WD)  
AAA: Metal – July 9-12 (WD)

\* Course dates will transcribe as a Summer II course (June 19 - July 1)

**SAIL (Students Actively Investigating Links) through Science:** Science teachers will be inspired to take their teaching to the next level, creating active science lessons that promote investigations and link learning. Smooth transitions from one grade to the next, integrations across disciplines, grade-appropriate activities and science process skills will help teachers support Grade Level Content Objectives and/or district science objectives.

March 3, 4, 10, 11 (WE)  
July 23-26 (WD)  
August 20-23 (WD)

September 15, 16, 22, 23 (WE)  
November 3, 4, 10, 11 (WE)

## ONE CREDIT COURSES

**STEM Days:** This course will help teachers bring engineering careers into elementary and middle school classrooms. Teachers will explore specialized engineering careers, connect engineering to science, technology & math and strengthen critical thinking skills with challenging hands-on activities for their students. **January 27 & 28**

**Connecting the Science, History & Art of Glass:** Participants will learn the history of how glass was discovered, how it has been used over time, and the science of glass. As part of the course, participants will learn new techniques and create stained, fused and slumped glass pieces, as well as see demonstrations of glass blowing. **April 14 & 15**

**Exploring the Brain:** Teachers will create a student-friendly unit exploring the neuroscience of the brain, which will include its biology as well as exploration of the senses. In addition, teachers will investigate a number of games and puzzles to use with their students to improve problem solving, creative and critical thinking skills. **June 25 & 26**

**Integrating Science Process Skills:** Teachers will create a student-friendly, hands-on unit exploring major science process skills, such as observing, comparing, sequencing, measuring, predicting and investigating. The unit will include ways to improve problem solving, creative and critical thinking skills and make connections to the real world. **July 30 & 31**

**NEW! Childcare is available during classes at a rate of \$5/hour per child. All requests must be made at least one week in advance.**

## STEP 1: REGISTER FOR THE WORKSHOP

Register for the workshop with Raven Hill Discovery Center. Please contact: Cheri Leach, Director of Programming. Phone: 231-536-3369 • E-mail: [cheri@miravenhill.org](mailto:cheri@miravenhill.org)

## STEP 2: REGISTER FOR GRADUATE CREDIT

Register for graduate credit by contacting CMU at: 800-950-1144, ext. 3718 or online at [globalapp.cmich.edu/CreditRegistration](http://globalapp.cmich.edu/CreditRegistration).