



# Castleton University

## MRI Underwater Archaeology Field School Summer 2017

**Course Title:** MRI Underwater Archaeology Field School

**Number of Credits:** 3

**Level:** Graduate and Undergraduate

**Dates & Times:** Sunday May 21, 2017 5:00pm-Saturday June 10, 2017 12:00pm, including weekends

**Location:** Lake Champlain Maritime Museum, 4472 Basin Harbor Road, Vergennes, VT 05491

**Course Cost to Student:**

Program Fees: \$2525.00 (A \$250.00 deposit is required upon acceptance)

Room: \$500.00 (optional)

Note: Students are required to be certified divers and to have their own dive gear, including thermal protection. LCMM will help with accessing rental gear from the local dive shop, Waterfront Diving, if necessary.

**Room & Board:**

Rustic style housing is available on the Lake Champlain Maritime Museum campus on the Canal Schooner *Lois McClure*. Amenities include shower and bathroom, kitchenette, and Wi-Fi in museum buildings, but not on the canal schooner. Please talk to Field School Coordinator if you are interested in housing. Otherwise, housing at a nearby location is the responsibility of the student.

Breakfast and lunch will be provided by museum staff. Dinner and weekend meals will be provided by the Basin Harbor Club Staff Cafeteria.

**Course Description:**

The Lake Champlain Maritime Museum (LCMM) is hosting a rigorous three-week program that offers a mix of both instruction and hands-on underwater archaeological research. The diving sessions will teach practical underwater skills using both traditional documentation techniques and cutting-edge technology on an historic shipwreck. Through additional academic lecture, participants will have the opportunity to study legal practices, to learn about local history, and to participate in artifact conservation. This setting will combine a structured learning environment and hands-on experience to provide all the skills necessary to understand the archaeological field.

**Course Goals:**

Through this intensive three-week program, participants will learn and practice basic archaeological methods in an intensive setting.

**Course Objectives:**

Through this intensive three-week program, students will be able to:

- Discuss the general history and archaeology of Lake Champlain
- Discuss the legal and ethical issues in archaeology
- Document a ship's hull through direct measurements and photographic recordings
- Demonstrate basic underwater archaeological documentation methods
- Convert measurement data into two-dimensional renderings of the structure
- Display the methods of informing the public about archaeological research

**Schedule**

<b>Date</b>	<b>Day-Time</b> (9:00am-4:00pm)	<b>Evening</b> (5:00pm-8:00pm)	<b>Assignment</b>
Day 1: May 21	Arrival at LCMM Welcome cookout		Finalize Paperwork upon arrival
Day 2: May 22	Introduction to LCMM, Basin Harbor, staff, archaeology, program, sites, methodologies		
Day 3: May 23	Check-out dives, methodologies, equipment		
Day 4: May 24	Introduction to site, site setup		
Day 5: May 25	Fieldwork	Mini-presentations on history & archaeology of LC	Mini-presentations on history & archaeology of LC
Day 6: May 26	Fieldwork		
Day 7: May 27	<b>Day off</b>		
Day 8: May 28	<b>Day off</b>		
Day 9: May 29	Fieldwork		
Day 10: May 30	Fieldwork		
Day 11: May 31	Fieldwork		
Day 12: June 1	Fieldwork	Legal Discussion	Legal Discussion
Day 13: June 2	Fieldwork		

Day 14: June 3	<b>Day off</b>		
Day 15: June 4	<b>Day off</b>		
Day 16: June 5	Fieldwork		
Day 17: June 6	Fieldwork		
Day 18: June 7	Fieldwork		
Day 19: June 8	Site Clean-up	Public Presentation	Public Presentation
Day 20: June 9	Site Clean-up, gear clean-up (return gear to WDC?)	End-of-Project cookout	Field Notes, Unit Scaled Drawing,
Day 21: June 10	Departure from LCMM		

**Required Readings/Texts: (required texts not included in cost of course)**

Note: All Readings will be provided by LCMM on Moodle. All works will also be available in hard copy at the Nautical Archaeology Center Conservation Lab.

Bowen, Amanda

2009 *Archaeology Underwater: The NAS Guide to Principles and Practice*, 2<sup>nd</sup> edition. Blackwell Publishing and the Nautical Archaeology Society, United Kingdom.

Varmer, Ole

2014 Underwater Cultural Heritage Law Study. US Dept. of Interior, Bureau of Ocean Energy Management, Headquarters, Herndon, Virginia. OCS Study BOEM 2014-005.

**Assignments:**

History/Archaeology Presentation: Deliver a 5-minute presentation to your peers on one exhibit in the museum using available resources in the lab and written reports, if available.

Legal Discussion Group: Students will read and discuss various readings associated with legal issues and laws in archaeology. Students will share their interpretations of the readings and engage others in conversation about these laws.

Scaled Drawing of Assigned Unit: Students will be assigned a section of the wreck to draw. Using the collected data, students will create a to-scale drawing of that section of the wreck.

Field notes: Each student should purchase a lined notebook/journal to keep a daily field log and notes in while aboard the vessel, including drawings and dive logs. This notebook will be turned into the instructors at the conclusion of field school.

Blog posts: Students will write/record/photograph a reflective blog post about their experience, or on a related topic of their choice related to their time at LCMM. It will be published on lcmm.org.

Participation: Attendance at all scheduled meetings and completion of the assigned readings is required. Students may be asked to present, discuss, or demonstrate their knowledge and skills during a class session.

Public Presentation: Participate in a public presentation and discussion with locals and tourists. Explain various parts of the project and methods used to excavate the wreck in Basin Harbor. Discuss finds and show understanding of the topics covered over the course of the project.

**Grading:**

Assignment	Due Date	% of Grade
Mini-presentations on history & archaeology of Lake Champlain	25-May	5
Legal Discussion group	1-Jun	5
Field notes	9-Jun	20
Scaled drawing of assigned unit	9-Jun	20
Blog Post	TBD	5
Public presentation on work	8-Jun or 9-Jun	10
Participation	9-Jun	25

**Packing List**

- |  |                            |
|--|----------------------------|
| Personal hygiene items                 | Swimsuits                  |
| Sunscreen and aloe                     | Warm clothes               |
| Sleeping Bag & Pillow & extra blankets | Bug Spray                  |
| Hat                                    | Sunglasses                 |
| Sandals or water shoes                 | Comfortable clothes        |
| Rain gear                              | Dive mask with snorkel     |
| Dive fins                              | Dive booties               |
| Dive knife                             | Dive compass               |
| Flashlight                             | Wet suit (7mm) or dry suit |
| Hood and gloves                        | BCD                        |
| Regulators (with pressure gauge)       | Timing device              |
| Field notebook/journal                 | Laptop                     |
| Towels                                 |                            |

**Grading Policy:**

Grades are indicated by letters with a designated “quality point” value assigned to each as follows:

A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3

Additional grading information can be found in the 2016/2017 Castleton University Graduate Catalog, under Academic Policies, accessible online at: <http://catalog.castleton.edu/content.php?catoid=13&navoid=757>

**Academic Honesty Policy:**

Castleton University is a learning institution committed to the highest standards of scholarly conduct. The students, faculty, and administration make up a scholarly community whose integrity and success necessarily stem from a mutually agreed upon code of academic standards and principles that promote trust and honesty and prohibit the attempt to gain unfair academic advantage. Membership in the Castleton community means sharing responsibility for upholding and safeguarding these academic standards and principles.

Any violation of academic honesty will be considered cheating and will be dealt with accordingly by the appropriate authorities.

For more information click the link below to access the 2016/2017 Castleton University Graduate Catalog Academic Policy section:

[http://catalog.castleton.edu/content.php?catoid=14&navoid=1020#Academic\\_Honesty](http://catalog.castleton.edu/content.php?catoid=14&navoid=1020#Academic_Honesty)

**Use and Ownership of Copyrighted Materials:**

For information and guidance, faculty and students are referred to the Vermont State College Manual of Policy and Procedures as it relates to the use and ownership of copyrighted materials. Guidelines are set out in Policy 416, accessible online at the following address:

<http://www.castleton.edu/library/information-literacy-graduation-standard/information-literacy-tutorial/information-ethics-citing-sources-and-fair-use/>

Additional information on this subject is contained in the publication “Questions and Answers on Copyright for the Campus Community.” This document can be accessed online on the National Association of College Stores web site at the following address:

<http://www.nacs.org/toolsresources/cmip/copyright/questions.aspx>.

### **Course Drop Policy:**

Castleton University offers courses to educators with the expectation participants will complete the course. However, the University realizes circumstances arise in one's personal life that may cause disruptions. The policy for dropping a course is that a participant will notify the instructor in writing of the intent to withdraw from the course.

The notice should include the reason for withdrawing and be made as follows:

- 1 credit course (15 hours) – before 3 hours of the course have taken place
- 2 credit course (30 hours) – before 6 hours of the course have taken place
- 3 credit course (45 hours) – before 9 hours of the course have taken place
- 4 credit course (60 hours) – before 12 hours of the course have taken place

After that, changes in class status will be considered for health, bereavement, and personal or emergency situations only. Those who withdraw without adhering to this policy may be liable for associated course costs.

For more Academic Policy information check the link below to access the 2016/2017 Castleton University Graduate Catalog:

<http://catalog.castleton.edu/content.php?catoid=13&navoid=757>.

### **Transcript Request:**

<http://www.castleton.edu/campus-life/student-resources/student-services-center/transcript-request/>.

### **Accommodation Statement**

If a student with a disability wants to request an accommodation, that individual must disclose his/her disability to the appropriate university official and must provide appropriate documentation. Documentation may include educational or medical records, reports and assessments created by health care providers, school psychologists, teachers, or the educational system. This information is inclusive of documents that reflect education and accommodation history, such as an IEP, Summary Of Performance (SOP), and teacher observations. IEP's and 504 Plans may be irrelevant in the postsecondary context, but if provided, they must show the current impact of the condition and identify a connection between the disability and any accommodation request. Documentation will vary in its relevance and value depending on the original context, credentials of the evaluator, the level of detail provided, and the comprehensiveness of the narrative. (Additional documentation may be requested.)

At Castleton this disclosure and documentation are provided to [Kathy Perzanowski](#), the Learning Specialist in the Academic Support Center at (802) 468-1428.

Appropriate academic accommodations are determined by the designated university official based on the specific disability and the individual needs of the student, as well as on the essential requirements of the specific course.

The university is not required to make modifications that would fundamentally alter the nature of the course, or would result in an undue financial or administrative burden.