

Core Competencies

How to learn effectively:

ANT 201 provides students with the opportunity to examine submerged cultural sites from the viewpoint of an archaeologist and provides basic field documentation skills. With practice, it is hoped that students will absorb the surveying skills necessary to interpret these sites for a fuller appreciation of the prehistory and history of specific locales. Further it is hoped that students will be able to use their new vocabularies and knowledge to interpret both archeological site modeling and the management and presentation of cultural resources in specific regions.

How to solve problems:

Using archaeological methodologies, students will understand how to interpret chronological patterns as well as how underwater archaeological sites add to our understanding of history, culture, and society. In answering these questions students delve into logistical reasoning that strengthen their ability to determine cause and effect. Students will also gain a grounding in applied archaeological practice that requires the development of “real world” solutions in immediate situations.

How to use mathematical concepts:

Through the interpretation of cartographic, bathymetric, and collected survey data students will exercise both basic and trigonometric math skills and gain first hand experience in applying higher math to archaeological problems.

How to communicate effectively:

Through small group discussions and group exercises in the field, students will practice and hone their abilities to more precisely interact with their instructor and with one another.

How to interact with the world:

ANT 201 increases student's awareness of other people, places, times and a large category of archaeological site types that are generally overlooked in broader archaeological and historic studies. Detailed knowledge of these "hidden" sites is essential in forming a complete picture of regional history and cultural resource management of both Michigan and the world. Therefore, with increased knowledge, students form a basis upon which they may open their minds to Michigan's history and other peoples, cultures and times.

Assigned Readings: See schedule on: www.nasnmc.com.

Primary Text

2009 BOWENS, Amanda et al: *Archaeology Underwater, The NAS Guide to Principles and Practice*, Nautical Archaeology Society, Fort Cumberland.

Schedule

- Session 1:** Introduction
- Session 2:** Introduction to NAS and Archaeology
- Session 3:** Archaeological Site Types
- Session 4:** Archaeological Dating Methods
- Session 5:** Underwater Finds- Rights and Responsibilities, Law and Underwater Archaeology
- Session 6:** Introduction to 2D Survey - Principles and Techniques
- Session 7:** Case Study - Carrying Out An Archaeological Project
- Session 8:** Case Study – the Shipwreck *New Orleans*
- Session 9:** Area Search and Survey Methods - Locating and Exploring a Site
- Session 10:** Project Safety and Logistics - Working a Site
- Session 11:** Dealing with Finds - Artifacts from a Site
- Session 12:** Dry Survey Exercise
- Session 13:** Introduction to 3D Survey - CAD Drawing Practical
- Session 14:** Post-Fieldwork Activity - Understanding and Publishing a Site
- Session 15:** Practical Session 1 – Project Workshop

Attendance

You must be present for at least 90% of lectures. You are responsible for completing the assigned readings as well as for all material presented in class, including announcements about course procedures and changes in the syllabus that the instructor reserves the right to make at any time.

Evaluation

- 5% of the course grade will be based on class participation and attendance. This includes thoughtful interaction during Socratic questioning and willing participation during group exercise.
- 25% of the course grade will be based on participation on the nasnmc.com web site, completion of quizzes, and viewing of online videos.
- 35% of the course grade will be based on a completing part of a research design concept paper. The paper must be 6 – 10 double space pages in length, 12 point, Times New Roman font. The paper must be emailed to mholley@nmc.edu in an MS word format. If another format is chosen, the paper will be penalized 20%. Subject matter will be determined in class as part of a group exercise between the students and the instructor.
- 35% of the course grade will be based on a final exam.
- Course grades will be assigned as a percentage of total points as follows:

4.0: 90% - 100% 3.5: 86% - 89% 3.0: 80% - 86%

2.5: 76% - 79% 2.0: 70% - 76% 1.5: 65% - 70%

1: 60% - 66% 0.5: 50% - 60% 0.0-: 0% - 49%

Ethics Policy

Ideally learning takes place in a forum where students are able to freely exchange ideas with the instructor and each other. In order to maintain an atmosphere of civil discourse, we must all strive to listen closely to what is being said by others and then respond in a critically constructive way. In short, we must respect each others' words as we attempt to find our own voice. To this end, guidelines have been presented in your student handbook and include the following:

- *Disruptive Behavior:* Student behavior that is detrimental to an environment conducive to learning or to the maintenance of a reasonable level of order on the campus or in the classroom shall be considered disruptive conduct. Students involved in disruptive conduct will be subject to disciplinary action as outlined in the handbook and which includes suspension or dismissal.
- *Cheating and Plagiarism:* Dishonest scholarly practices include, but are not necessarily limited to taking, using, copying another's work and submitting it as one's own, intentionally falsifying or taking another's idea with the intention of passing ideas in class as one's own.

Other General Information

- **Activity Schedule:** This schedule is a basic plan for the material covered in class. There may be additional readings, or activities added at the instructor's discretion. Students are expected to keep up with the readings so that they may make meaningful contributions to classroom discussion.
- Students must use their NMC email account for receiving and sending instructional and other college related correspondence. Students must send email inquiries to the faculty exclusively via their NMC email address and that faculty will respond to student inquiries only back to NMC email addresses. Administration will not allow me to respond to emails that originate from non NMC accounts.
- **General Education Outcomes:** NMC has established 3 General Education Outcomes for all students. They are: communication skills, critical thinking skills and cultural perspectives skills. This course contains aspects of all three, but is specifically directed toward Cultural Perspectives, level 3: The student evaluates the impact of diverse cultures in the context of one or more disciplines or perspectives. It is also directed at Critical Thinking level 2: Students will analyze their own thinking and the thinking of others, constructing arguments, evaluating claims, and developing conclusions using evidence and logic.

- When weather conditions appear hazardous the college may decide to close (or delay opening) or an individual instructor may decide to cancel his or her class(es). Should any of these situations occur Monday through Friday, the information will be communicated to a 24-hour telephone line at (231) 995-1100 and NMC's homepage at: <http://www.nmc.edu/students/class-cancellations.html>.
- **The transfer of NMC courses is determined by the transfer institutions in cooperation with NMC. To check the transferability of this course, visit the web site** www.nmc.edu/counseling/transfer.htm
- **Student Rights and Responsibilities:** NMC is dedicated to creating an academic community which promotes intellectual inquiry, encourages vigorous discourse, and respects individual freedom and dignity. Students are integral members of this community and are expected to participate in sustaining its values. A copy of the Student Rights & Responsibilities handbook is available at <http://www.nmc.edu/policies/nmc/D-602-01.pdf>.
- **Academic Assistance:** NMC is committed to helping students develop the skills necessary to be successful by creating a supportive learning environment that fosters growth. For more information about NMC's tutoring services visit <http://www.nmc.edu/tss/> or call 231 995 1138.
- **Students with Disabilities Support:** Northwestern Michigan College offers a wide range of services for students that have appropriately documented disabilities and/or need accommodations in order to achieve their academic goals. For further information visit <http://www.nmc.edu/tss/services.html> or call 231 995-1138.

Prerequisites for Diving

The minimum diving qualification for NAS Part I open water exercises is CMAS 2-Star or equivalent, e.g. BSAC Sport Diver, SAA Club Diver, or PADI Open Water.

Class Success

- Enjoy the Experience of learning:

Not only have you committed financial resources to your education you have also decided by attending an institution of higher education to change your understanding of the world. This commitment to learning is probably one of the most important decisions that you will make. It will not only help you earn a living it will help you learn how to live. It is my hope that through your associations with fellow students, instructors and course work you will enrich your life, resulting in a greater appreciation of the world around you.

I hope you enjoy this class and the time that you spend studying nautical archaeology.

Dr Mark W Holley

Cheers,

Dr. Mark W. Holley Ph.D., B.A., CREA, CRA, IFA, FSA(Scot)