

Northwestern Michigan College
Course Syllabus – Nautical Archaeology Society Part 2
Summer 2015

ANT 202:

Nautical Archaeology Society, **NAS Part 2:**

Intermediate Certificate in Foreshore and Underwater Archaeology

Instructor: Dr. Mark Holley

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3 credit hours

Location: SH 101

July – August 2015

Field work by arrangement

Office Hours: Scholars Hall 114I – Always contact me via email first

Course Description (Catalog)

The NAS Part 2 offers students the opportunity to put into practice some of the things they learned in NAS Part 1 and is a field work based archaeology course. Research projects of personal interest are encouraged but most students will carry out the work required for this qualification as part of a group on a field school, or with other members of their local diving club.

In addition to the survey work, the NAS Part 2 requires that the student demonstrate a commitment to understanding what they are doing, by attending two archaeological conferences. A Ph.D. instructor will be available to assist with project designs and execution. The students will also be allowed to participate in larger projects within the Grand Traverse Bay and the surrounding area. Foreshore projects will be developed for non divers. The course will be offered throughout the summer term on a flexible time schedule and is based on individual availability and weather conditions.

Course Objectives

Upon successful completion of this course, a student will have:

- Planned and completed a basic pre-disturbance site survey;
- Gained considerable practical skills in underwater &/or foreshore surveying and recording;
- Created a short project survey report (Monograph) and submitted it to NAS;
- Presented their report at the annual Grand Traverse Bay Preserve Summit;
- Attended 2 days of archaeological conferences;

Topics Covered

- Methods, techniques, and technologies involved with underwater and foreshore archaeology
- Practical surveying
- Report writing and post field data processing
- Public speaking and presentation

Core Competencies

How to learn effectively:

ANT 202 provides students with the opportunity to examine submerged cultural sites from the viewpoint of an archaeologist and provided 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 strengthens 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 mathematical skills and gain first hand experience in applying higher maths 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 202 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: None

Primary Text

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

Attendance

This is an individual learning exercise and self motivation must be a key trait of the student. You alone are responsible for completing the field work, writing the report (monograph) and attending the conferences.

Evaluation

- 60% of the course grade will be based on participation on projects in the field and gathering the primary data necessary in order to produce a monograph.
- 10% of the course grade will be based on attending two archaeological conferences.
- 30% of the course grade will be based on a research paper (Monograph) submitted to NAS. The paper will be submitted to the instructor in a Microsoft Word format. The paper will be at least 10 pages in length, 12 point, Times New Roman font.
See NASNMC.com web site for criteria.
- Course grades will be assigned as a percentage of total points as follows:

4.0: 90% - 100% 3.5: 86% - 89% 3.0: 80% - 85%

2.5: 76% - 79% 2.0: 70% - 75% 1.5: 65% - 69%

1.0: 60% - 64% 0.5: 50% - 59% 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 other's 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.
- This is a research course and it is expected that most of the content included in the mandatory monograph will have been gathered or generated by the enrolled student (s). While occasionally students may wish to use content generated by others, in the form of survey data, graphics and pictures, these items must be appropriately credited and it is the student's responsibility to gain written copyright release to legally republish material generated by third parties. Students should attempt to minimize the use of content generated by others, and focus on generating their own original data where feasible.

Other General Information

- **Activity Schedule:** The course will be offered throughout the summer term on a flexible time schedule and is based on individual availability and weather conditions.
- 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 the NAS Part 1 open water exercises is CMAS 2-Star or equivalent, e.g. BSAC Sport Diver, SAA Club Diver, or PADI Open Water.

Class Success

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 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.

A handwritten signature in black ink that reads "Dr Mark W Holley". The signature is written in a cursive style with a long horizontal stroke extending from the end of the name.

Cheers,

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