

Fond du Lac Tribal and Community College
COURSE OUTLINE FORM

Updated 9/23/14

Please return this form to the college vice president of academic affairs and the chairperson of the Academic Affairs and Standards Council (AASC)

1. Prepared by: _____

2. Date submitted: _____

3. Date approved: _____ Date revised 10/14/14

4. Department/discipline: Anthropology

5. Department(s) endorsement(s): _____

(Signatures of the person(s) providing the endorsement are required.)

6. Course Title: Native Skywatchers

Abbreviated course title (25 characters or less): _____

7. Course Designator: ANTH 8. Course Level: 1010 9. 2XXX

10. Number of Credits: Lecture 4 Lab _____

11. Control Number (on site) 40 Control Number (online) _____

12. Catalog/Course description:

A cross-disciplinary study of the practical and spiritual role of the sky in the Indigenous cultures of the continental Americas. Astronomical and meteorological inspired art, architecture, and mythologies will be examined, with special emphasis on the Great Lakes region. (Meets MnTC goal areas 8 & 10).

13. Course prerequisite(s) or co-requisite(s): Accuplacer scores/ Other courses

Prerequisite(s):

Co-requisite:

14. **Course Materials** (Recommended course materials and resources. List all that apply, e.g. textbooks, workbooks, study guides, lab manuals, videos, guest lecturers).

Text to be determined on a yearly basis depending on availability and content.

Three-Ring Binder, Metric Ruler, Protractor, Colored Pencils

Handouts, Overheads, Slides, and Videos.

15. **Course Content** (Provide an outline of major topics covered in course)

- The Sky Dome
- Celestial Circles and Sky Cycles
- Moon Phases
- Sun Cycles and the Seasons
- Star and Planet Cycles
- Celestial Time Keeping
- Solar Calendars and Observatories

- Petroforms and Megaliths
- Maps of the Sky
- Sky Stories and Legends
- Site Interpretation

16. Learning Goals, Outcomes, and Assessment

At FDLTCC we have 4 Competencies Across the Curriculum (CAC) areas. They are as follows:

- A. Information Literacy (the ability to use print and/or non-print tools effectively for the discovery, acquisition, and evaluation of information)
- B. Ability to Communicate (the ability to listen, read, comprehend, and/or deliver information in a variety of formats.)
- C. Problem Solving (the ability to conceptualize, apply, analyze, synthesize, and/or evaluate information to formulate and solve problems.)
- D. Culture (knowledge of Anishinaabe traditions and culture, knowledge of one’s own traditions and culture, knowledge of others’ traditions and cultures, culture of work, culture of academic disciplines and/or respect for global diversity.)

Course learning outcomes will fulfill the identified competencies.

Course Learning Outcomes:

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

1. Identify the parts of the Seasonal Round. (C, D)
2. Conduct internet research, and present in written report form, an assigned archaeo astronomy topic. (A, B, D)
3. Demonstrate methods used to analyze indigenous sky stories. (B, C, D)
4. Explain three different solar observing methods used to determine annual timekeeping. (B,C)

17. Minnesota Transfer Curriculum (MnTC): If this course fulfills an MnTC goal area, state the goal area and list the goals and outcomes below:

See www.mntransfer.org

Goal Area(s): 8 & 10

Goal and Outcomes:

9/23/14