

Fond du Lac Tribal and Community College
COURSE OUTLINE FORM
Outline Form Created; 3//19/19
Form Updated 12/2/24

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: Michael Knudson

2. Date submitted: _____

3. Date approved: 11/27/12 Date revised _____

4. Department/discipline: Geography

5. Department(s) endorsement(s): _____
(Signatures of the person(s) providing the endorsement are required.)

6. Course Title: Undergraduate Research
Abbreviated course title for Transcripts (25 characters or less): _____

7. Course Designator: GEOG 8. Course Level: 2090

9. Number of Credits: Lecture 1-3 (Repeatable) Lab _____

10. Control Number (on site) 10 Control Number (online) 10

11. Catalog/Course description:

Independent experimental, theoretical, or applied research or workforce development learning conducted under faculty supervision, which may include approved internships or externally based research experiences.

12. Course prerequisite(s) or co-requisite(s): Accuplacer scores/ Other courses
Prerequisite(s): Instructor Permission
Co-requisite:

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

- To be determined based on relevance and applicability.
- Internet-based research related resources, such as the Online Research Ethic course at:
https://ori.hhs.gov/education/products/montana_round1/research_ethics.html#reso

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

The structure below is intentionally flexible so it can support faculty-mentored research, applied projects, and internships under a single course umbrella. Therefore, a given student may experience some, but not all, of the elements listed below.

1. Orientation and Project Design
2. Research Methods and Applied Inquiry

3. Ethics, Compliance, and Professional Responsibility
4. Project Management and Professional Skills
5. Workforce Development and Career Readiness
6. Analysis, Synthesis, and Interpretation
7. Reflection and Metacognitive Learning
8. Dissemination and Communication of Results
9. Assessment and Evaluation

15. 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.)

Provide 4-7 Course Learning Outcomes for the course. These outcomes should be stated in measurable terms and be reflective of the content of the course. Please indicate which CAC areas are covered by each outcome as applicable using the following notation at the end of each outcome: (A, B), (B), etc. As well as the appropriate WINHEC Cultural Standards (if applicable).

Upon completion of this course, the student will be able to:

Learning Outcomes	Competencies (CAC)	Cultural Standards
Identify and pursue meaningful questions, objectives, or problems and apply relevant disciplinary or professional knowledge to address them	A	1, 4
Analyze data, evidence, or experiential outcomes to make informed conclusions and improve decision-making or practice	C	1, 2, 3
Communicate effectively and work productively with others in ways appropriate to academic, professional, or community settings	B, D	1, 5, 6
Reflect on their learning and examine ethical, cultural, and social dimensions of their	D	3, 5, 7

research or professional experiences		
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WINHEC Cultural Standards:

1. **GIKENDAASOWIN – *Knowing knowledge*:** To develop human beings who value knowledge, learning, and critical thinking and are able to effectively use the language, knowledge, and skills central to an Ojibwe-Anishinaabe way of knowing.
 2. **GWAYAKWAADIZIWIN – *Living a balanced way*:** To develop balanced human beings who are reflective, informed learners who understand the interrelatedness of human society and the natural environment, recognize the importance of living in harmony with creation, and are able to apply a systems approach to understanding and deciding on a course of action.
 3. **ZOONGIDE'EWIN – *Strong hearted*:** To increase the students' capacity to live and walk with a strong heart, humble and open to new ideas and courageous enough to confront the accepted truths of history and society.
 4. **AANGWAAMIZIWIN – *Diligence and caution*:** To develop students' capacity to proceed carefully, after identifying, discussing, and reflecting on the logical and ethical dimensions of political, social, and personal life.
 5. **DEBWEWIN – *Honesty and integrity*:** To increase students' capacity to think and act with honesty and integrity as they understand and face the realities of increasingly interdependent nations and people.
 6. **ZAAGI' IDIWIN – *Loving and Caring*:** To encourage students' acceptance of the diversity within their school, community, and environment by developing healthy, caring relationships built on respect for all.
 7. **ZHAWENINDIWIN – *Compassion*:** To expand students' knowledge of the human condition and human cultures and the importance of compassion especially in relation to behavior, ideas, and values expressed in the works of human imagination and thought.
16. **Minnesota Transfer Curriculum (MnTC):** List which goal area(s) – up to two – this course fulfills.

See www.mntransfer.org

Goal Area(s): _____

Provide the specific learning outcomes as listed on the mntransfer.org website that pertain to this course.

17. Are there any additional licensing/certification requirements involved?
 _____ Yes _____ No

Provide the required documentation to show course meets required licensing/certification standards.