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   <u>10/14/14, 10/28/14</u>

4. Department/discipline: ＿＿＿Computer Science

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

6. Course Title: ＿＿＿Introduction to Cyber Crime
Abbreviated course title (25 characters or less):

7. Course Designator:＿CSCI/LAWE＿＿   **8. Course Level:**   1072   9. 2XXX

10. Number of Credits: Lecture ＿＿＿3＿＿＿ Lab＿＿＿＿＿＿＿

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

12. Catalog/Course description:

> Introduction to Cyber Crime is a basic introduction to concepts and investigative techniques used in cybercrimes investigations, as well as traditional investigations when digital evidence is present. Emphasis will be made on social networking, chat rooms, instant messaging, email, and peer to peer investigations. (Prerequisite: LAWE 2010 or Advisor Consent).

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

> Prerequisite(s): LAWE 2010 Criminal Procedure & Evidence or Advisor Consent
> 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).

There is no textbook but students will be required to have frequent access to a computer and the internet. Various freeware software titles will be required and students will need to download those as instructed. In addition, students will be required to review Minnesota Criminal Code, either online or in print. Additional course materials to include PowerPoint presentations, reading material, technical briefs, and videos will be provided by the instructor. Subject matter experts may participate as guest lecturers as the schedule permits.

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

- Overview of internet crime
- Overview of identification of digital evidence
- Seizure of digital evidence

- Overview of various cybercrimes and laws
- TCP/IP and the IP numbering system
- Internet investigative tools
- Chat investigations
- Instant messaging investigations
- Email investigations
- Newsgroup investigations
- Internet video and social networking investigations
- Peer-to-Peer investigations

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:

- Students will demonstrate the ability to use various online sites, and how they are used in connection with criminal activity. (A)
- Students will develop a list of resources and cybercrime related tools (software and web based) to aid in these types of investigations. (A, C)
- Students will apply basic investigative techniques to cybercrime and digital evidence based investigations and be able to report findings to class. (A, B, C)
- Students will demonstrate the ability to relay their investigative and research findings in clear and concise written reports. (A, B)
- Students will be able to identify/discuss in class the common internet sites and computer applications and discuss how they can be used to facilitate criminal activity. (B, C)
- Students will demonstrate the ability to advance a basic internet based crime investigation past the general information taken at the time of an initial report. (C)
- Students will explain the different ways that various cultures, age groups, and other demographics use the internet. (A, B, C, D)
- Students will identify specific web sites that cater to persons of particular cultures or backgrounds.(B, C, D)
- Students will describe cybercrime jurisdictional issues as it pertains to state lines, tribal/reservation boundaries, and federal law. (C,D)

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): _____
Goal and Outcomes: