WASHTENAW COMMUNITY COLLEGE

MASTER SYLLABUS

Course Discipline Code & No: CSS 272 Title: Computer Security VIII Effective Term 200909

Division Code: BCT Department Code: CISD Org #: 13400

Don't publish: ☐ College Catalog ☐ Time Schedule ☐ Web Page

Reason for Submission. Check all that apply.

- ☐ New course approval
- ■ Three-year syllabus review/ Assessment report
- ■ Course change
- ☐ Reactivation of inactive course
- ☐ Inactivation (Submit this page only.)

Change information: Note all changes that are being made. Form applies only to changes noted.

- ☐ Consultation with all departments affected by this course is required.
- ■ Course discipline code & number (was CSS 240)*
  *Must submit inactivation form for previous course.
- ■ Course title (was High-Technology Crimes)
- ☐ Course description
- ☐ Course objectives (minor changes)
- ■ Credit hours (credits were: 3)
- ■ Total Contact Hours (total contact hours were: 45)
- ☐ Distribution of contact hours (contact hours were: lecture: _____ lab _____ clinical _____ other _____)
- ■ Pre-requisite, co-requisite, or enrollment restrictions
- ☐ Change in Grading Method
- ■ Outcomes/Assessment
- ■ Objectives/Evaluation
- ☐ Other _____

Rationale for course or course change. Attach course assessment report for existing courses that are being changed.

The old course name inaccurately described the sequencing of this course. The new course name more accurately reflects the sequencing of the course in the computer forensics program.

Approvals Department and divisional signatures indicate that all departments affected by the course have been consulted.

Department Review by Chairperson ☐ New resources needed ☐ All relevant departments consulted

Print: James Lewis/ Neil Gudsen Faculty/Preparer Signature X [signature] Date: 3-2-09

Print: Clarence Hasselbach Department Chair Signature [signature] Date: 3-3-09

Division Review by Dean

☐ Request for conditional approval

Recommendation ■ Yes ☐ No [signature] Dean's/ Administrator's Signature Date 3/4/09

Curriculum Committee Review

Recommendation _____

☐ Tabled ☒ Yes ☐ No [signature] Curriculum Committee Chair's Signature Date 10/20/09

Vice President for Instruction Approval

Roger M. Valdez 10/28/09 [signature] Vice President's Signature Date 8/13/09

Approval ☒ Yes ☐ No ☒ Conditional

Do not write in shaded area.
Log File 8/5/09SJ Ecopy ☐ Banner _____ C&A Database _____ C&A Log File _____ Basic skills ☐ Contact fee ☐

Please return completed form to the Office of Curriculum & Assessment and email an electronic copy to sjohn@wccnet.edu for posting on the website.

MASTER SYLLABUS

***Complete ALL sections which apply to the course, even if changes are not being made.**

Course:	Course title:
CSS 272	Computer Security VIII

Credit hours: 2

If variable credit, give range:

_____ to _____ credits

Contact hours per semester:

	Student	Instructor
Lecture:	30	30
Lab:	—	—
Clinical:	—	—
Practicum:	—	—
Other:	—	—
Totals:	30	30

Are lectures, labs, or clinicals offered as separate sections?

☐ Yes - lectures, labs, or clinicals are offered in separate sections

■ No - lectures, labs, or clinicals are offered in the same section

Grading options:

☐ P/NP (limited to clinical & practica)

☐ S/U (for courses numbered below 100)

■ Letter grades

Prerequisites. Select one:

■ College-level Reading & Writing ☐ Reduced Reading/Writing Scores (Add information at Level I prerequisite) ☐ No Basic Skills Prerequisite (College-level Reading and Writing is not required.)

In addition to Basic Skills in Reading/Writing:

Level I (enforced in Banner)

	Course	Grade	Test	Min. Score	Concurrent Enrollment (Can be taken together)	Corequisites (Must be enrolled in this class also during the same semester)
	CJT 208	C			☐	
■ and ☐ or	CST 155	C			☐	
■ and ☐ or	CSS 200	C			☐	
■ and ☐ or	CSS 270	C			☐	

Level II (enforced by instructor on first day of class)

	Course	Grade	Test	Min. Score
☐ and ☐ or				
☐ and ☐ or				

Enrollment restrictions (In addition to prerequisites, if applicable.)

☐ and ☐ or Consent required ☐ and ☐ or Admission to program required Program: _____ ☐ and ☐ or Other (please specify): _____

Please send syllabus for transfer evaluation to:

Conditionally approved courses are not sent for evaluation.

Insert course number and title you wish the course to transfer as.

■ E.M.U. as _____

☐ U of M as _____

☐ _____ as _____

☐ _____ as _____

☐ _____ as _____

☐ _____ as _____

Course	Course title
CSS 272	Computer Security VIII

Course description State the purpose and content of the course. Please limit to 500 characters.	Designed for those seeking advancement in the computer security profession, this course surveys legal issues that impact Information Technology professionals, IT Security practitioners, and data recovery experts. Substantive and procedural law regarding the right to privacy, the duty to preserve evidence, searches and seizures of electronic evidence, the admissibility of electronic evidence in court, and the prosecution of criminal and civil claims will be covered.	
Course outcomes List skills and knowledge students will have after taking the course. **Assessment method** Indicate how student achievement in each outcome will be assessed to determine student achievement for purposes of course improvement.	**Outcomes** (applicable in all sections)	**Assessment** Methods for determining course effectiveness
	Recognize the federal and state laws most used to prosecute individuals for computer-based crimes.	Department created final exam – short answer/multiple choice questions.
	Recognize the impact of federal and state laws upon the management of processes for collecting, preparing, and producing electronic evidence necessary for the conduct of internal investigations and the prosecution of civil and criminal claims.	Department created final exam – short answer/multiple choice questions.
	Recognize federal and state laws with respect to the right to privacy.	Department created final exam – short answer/multiple choice questions.
	Recognize federal and state laws with respect to the conduct of searches and seizures of digital evidence.	Department created final exam – short answer/multiple choice questions.
Course Objectives Indicate the objectives that support the course outcomes given above. **Course Evaluations** Indicate how instructors will determine the degree to which each objective is met for each student.	**Objectives** (applicable in all sections)	**Evaluation** Methods for determining level of student performance of objectives
	Recognize Searching and Seizing of Computer practices and the impact of the Fourth Amendment in Cyberspace Identify substantive state cyber crime laws Recognize legal issues concerning identity theft Recognize federal laws relating to electronic evidence gathering Examine current federal cyber crime laws Survey the history of cyber crimes Examine legal issues relating to the right to privacy Discuss organizational policies, procedures and best practices with respect to electronic data and evidence Formulate organizational policies for the acceptable use of computer systems Recognize principles of digital information management Respond to and prepare affidavits in support of search warrants and subpoenas Examine issues peculiar to law enforcement in cyberspace Recognize the procedures to conduct internal cyber examinations Identify the role of forensics examiners in criminal and civil	All objectives will be evaluated using a short answer/multiple choice test

	prosecutions Identify information retrieval methods in e-discovery as they impact upon the breadth and reasonableness of discovery requests Identify how to assert privileges with respect to digital information and impose protective orders, to assure confidentiality and guard against public access in civil cases Understand what factors trigger the legal duty to impose holds on electronic evidence Examine the use of technology in misappropriation of trade secrets Examine ways to discourage opportunities for cyber crime	

List all new resources needed for course, including library materials.
None

Student Materials:

List examples of types		**Estimated costs**
Texts Supplemental reading Supplies Uniforms Equipment Tools Software	Accessible publications of the Sedona Conference including but not limited to: "The Practical Guide to Electronic Discovery"- Mack and Deniston, and "Managing Discovery of Electronic Information: A Pocket Guide for Judges"- Rothstein, Hedges, and Wiggins. Also, electronic copies of the Federal Rules of Evidence.	$free

Equipment/Facilities: Check all that apply. (All classrooms have overhead projectors and permanent screens.)

Check level only if the specified equipment is needed for all sections of a course.

- ☐ Level I classroom
  Permanent screen & overhead projector
- ☐ Level II classroom
  Level I equipment plus TV/VCR
- ■ Level III classroom
  Level II equipment plus data projector, computer, faculty workstation

- ☐ Off-Campus Sites
- ☐ Testing Center
- ☐ Computer workstations/lab
- ☐ ITV
- ☐ TV/VCR
- ☐ Data projector/computer
- ☐ Other _____

Assessment plan:

Learning outcomes to be assessed (list from Page 3)	**Assessment tool**	**When assessment will take place (semester & year)**	**Course section(s)/other population**	**Number students to be assessed**
Recognize the federal and state laws most used to prosecute individuals for computer-based crimes.	Department created final exam – short answer /multiple choice questions.	First evaluation Winter of 2009. Every three years thereafter.	Minimum of two sections of CSS 272 over the three-year period.	All students in selected sections.
Recognize the impact of federal and state laws upon the management of processes for collecting, preparing, and producing electronic evidence necessary for the conduct of internal investigations and the prosecution of civil and criminal claims.	Department created final exam – short answer /multiple choice questions.	First evaluation Winter of 2009. Every three years thereafter.	Minimum of two sections of CSS 272 over the three-year period.	All students in selected sections.

Recognize federal and state laws with respect to the right to privacy.	Department created final exam – short answer /multiple choice questions.	First evaluation Winter of 2009. Every three years thereafter.	Minimum of two sections of CSS 272 over the three-year period.	All students in selected sections.
Recognize federal and state laws with respect to the conduct of searches and seizures of digital evidence.	Department created final exam – short answer /multiple choice questions.	First evaluation Winter of 2009. Every three years thereafter.	Minimum of two sections of CSS 272 over the three-year period.	All students in selected sections.

Scoring and analysis of assessment:

1. Indicate how the above assessment(s) will be scored and evaluated (e.g. departmentally developed rubric, external evaluation, other). Attach the rubric/scoring guide.

   Written exam to be scored using an answer sheet. Perform item analysis on assessment questions.

2. Indicate the standard of success to be used for this assessment.

   At least 80% of students must score 75% or higher on the written exam.

3. Indicate who will score and analyze the data (data must be blind-scored).

   Assessment materials will be evaluated by the CIS Department. (Data must be blind scored).

4. Explain the process for using assessment data to improve the course.

   If the standard of success is not achieved, then the course will be evaluated.