

METROPOLITAN STATE COLLEGE of DENVER
Office of Academic Affairs

REGULAR COURSE SYLLABUS

School of: Letters, Arts and Sciences

Department: Chemistry

CIP Code: 40.0502

Prefix & Course Number: CHE 4710

Crosslisted With*: _____

Course Title: Criminalistics Internship II

Check All That Apply: Required for Major: _____ Required for Minor: _____ Specified

Elective: _____

Required for Concentration: Elective: _____ Service Course: _____

Credit Hours: 3 (0+2)

Total Contact Hours per semester (assuming 15-16 week semester):

Lecture _____ Lab _____ Internship 135 Practicum _____ Other (please specify type and hours): _____

Schedule Type(s): N Grading Mode(s): L

Variable Topics Courses (list restrictions, including the maximum number of hours that can be earned**):

** NOTE: This information must be included in the course description.

Restrictions (Variable Topics Course): _____

Prerequisite(s): CHE 3710

Corequisite(s): None

Prerequisite(s) or Corequisite(s): N/A

Banner Enforced:

Prerequisite(s):

Corequisite(s): _____

Prerequisite(s) or Corequisite(s): _____

Catalog Course Description:

Laboratory internship experience for Chemistry majors with a Concentration in Criminalistics. (Senior Experience)

APPROVED:

Department Chair OR Program Director

1/19/07

Date

Dean OR Associate Dean

Rinda S. Curran

2/14/07

Date

Associate VP, Academic Affairs

Date

*If crosslisted, attach completed Course Crosslisting Agreement Form

Prefix and Course Number: CHE 4710

Required Reading and Other Materials will be equivalent to (Title, Author, Publisher, Copyright Date):

To be assigned by the laboratory where the internship is done.

Specific (Measurable) Student Behavioral Learning Objectives:

Upon completion of this course the student should be able to:

1. properly document crime scene and/or laboratory examinations.
2. maintain a chain of custody.
3. describe the organization of the laboratory.
4. demonstrate knowledge, skills and abilities needed for at least one specialty within the laboratory.
5. articulate the factors affecting competent courtroom testimony.
6. write a laboratory report that has a police officer and a lawyer as its target audience.

Detailed Outline Of Course Content (Major Topics and Subtopics) or Outline Of Field Experience/Internship (experience, responsibilities and supervision):

The internship will provide the opportunity for the student to:

- I. learn the operational organization of a functioning forensic laboratory
- II. learn and/or apply knowledge of documentation and chain of custody for evidential material
- III. observe the relationships of various specialties within the laboratory
- IV. acquire knowledge, skills and abilities related to a specialty within the laboratory
- V. observe expert testimony in an actual trial, and
- VI. participate in a research project in support of the laboratory function (optional).

Evaluation Of Student Performance:

The final grade determination will be based on the student's performance on:

1. a journal/portfolio demonstrating the various areas of exposure in the crime laboratory, which will be evaluated 3 times during the internship,
2. a research paper based on a topic covered in the internship,
3. a presentation on the topic covered by the research paper, and
4. a series of ACS Examinations.

Prefix and Course Number: CHE 4710

REQUEST FOR NEW OR CONTINUED SENIOR EXPERIENCE DESIGNATION
SENIOR EXPERIENCE

Date: 10/02/06

School: Letters, Arts and Sciences

Department: Chemistry

Prefix	Course Number	Credit Hours	Contact Hours	CIP Number
CHE	4710	3	135	40.0502

Title: Criminalistics Internship II

Prerequisites: CHE 3710

Corequisites: None

Recommended maximum enrollment per section: 16

Current Course Status (check all that apply)

- New course
 Existing Senior Experience Course

Criteria for Senior Experience

The following criteria must be addressed for all courses seeking Senior Experience designation. Please type on this form; it will expand to accommodate any length of text.

The Senior Experience must allow students to:

1. synthesize learning through critical analysis and logical thinking.

The student will apply learning from chemistry, physics, biology, criminal justice and ethics during the performance of duties within a working crime laboratory.

2. apply theoretical constructs to practical applications.

The student will be exposed to real-life problems which will require the application of chemical theory as well as theories of ethics as they apply to forensic samples.

3. critique philosophical tenets and current practices.

Through journals, students are encouraged to question current practices and to compare them with practices taught in the MSCD Forensic Science program.

4. integrate and refine oral and/or written communication skills.

The student will prepare a research paper, give an oral presentation and may undergo a mock trial.






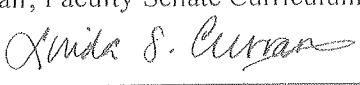
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5. verify their expertise.

The student will need to apply knowledge, skills and abilities acquired in the program and have them verified by practicing scientists within the internship agency.

Approvals:

	1/29/07
Department Curriculum Committee / Date	
	1/29/07
Department Chair OR Program Director/ Date	
	1-31-07
School Curriculum Committee / Date	
	1/31/07
Dean or Associate Dean / Date	
	11/29/06
Chair, Faculty Senate Curriculum Committee / Date	
	2/20/07
Associate Vice President, Academic Affairs/Date	