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CJUS 125N.01: Fundamentals of Forensic Science

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SURVEY OF FORENSIC SCIENCE CJUS 125N

Fall 2015

Instructor: Garry Kerr

Office: Social Science Rm#215

Office Hours: MW12:00-1:00&TTH1:00-2:00 Phone 243-4414 T.A.: Ariane Thomas

T.A. Office Hours: TH9:30-11:00&1:00-2:00 Office: Social Science Rm#254A

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Required Text: A Survey of the Forensic Sciences by Randall Skelton

COURSE OUTLINE AND READING ASSIGNMENTS (Readings may be covered on exams even if not discussed in class)

- Aug. 31 Introduction**
- Sept. 2 Creatures of Crime Video**
- 4 About Forensic Science**
Read: Ch. 1
- 7 NO CLASS HOLIDAY**
- 9 About Forensic Science**
- 11 The New Detectives Video**
- 14 Crime Scene Investigation**
Read: Ch. 2, & Ch. 3
- 16 Crime Scene Investigation**
Read: Ch. 4, & Ch. 6
- 18 Arson Video**
- 21 Arson Investigation**
Read: Ch. 11, & Ch. 30,
- 23 Arson**
Read Ch. 31
- 25 Trace and Transfer Evidence**
Read: Ch. 9, & Ch. 10
- 28 Fingerprints**
Read: Ch. 15
- 30 Fingerprints & Review**
Read Ch. 16
- Oct. 2 1st MIDTERM**
- 5 Forensic Anthropology**
Read: Ch. 27
- 7 Methods and Techniques**
Read: Ch. 18
- 9 Methods and Techniques**
- 12 Evidence**
Read Ch. 19
- 14 Blood**
Read: Ch. 20
- 16 Body Fluids**
- 19 Body Fluids**
- 21 Forensic Toxicology**
Read: Ch. 22
- 23 Forensic Toxicology**
Read: Ch. 23

26 Forensic Toxicology
 28 Video
 30 Fibers and Hair
 Nov. 2 Fibers and Hair
 4 Fibers and Hair
 6 Human Rights Violations & Excavations Video & Review
 9 2nd MIDTERM
 11 NO CLASS
 13 Glass and Soil
 Read: Ch. 29
 16 Glass and Soil
 18 Glass and Soil
 20 Video
 23 DNA
 Read: Ch. 21
 25 & 27 NO CLASS THANKSGIVING
 30 DNA
 Dec. 2 DNA
 4 Firearms
 7 Missing Cowboy Video
 Read: Ch. 12, & Ch. 13
 9 Physical Patterns
 Read: Ch. 14 **BONUS PAPERS DUE**
 11 Physical Patterns & Review
 Mon. 14 **FINAL EXAM 1:10 - 3:10**

Your grade is based on the following:		A	360 points and above
1st Midterm	100 points	B	320 - 359
2nd Midterm	100 points	C	280-319
Bonus Paper	20 points	D	240-279
Final exam	200 points	F	Below 239 points
Total Possible points	420		Cr/No Cr cutoff 260 points

All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or a disciplinary sanction by The University. All students need to be familiar with the Student Conduct Code which is available for review online: www.umt.edu/SAVPSA/index.cfm/page/2585

Course Description: Survey of Forensic Science will provide an in-depth introduction to Forensic Science. The terminology, techniques, and history of Forensic Science will be covered. We will also examine local and timely cases. The instructors long association with the State Crime Lab, cases covered, forensic recoveries and assessments he participated in will help illustrate the study of and employment options in Forensic Science.

Course Objectives:

1. Students will gain an appreciation of the breadth of Forensic Science.
2. Students will acquire an understanding of the history, subject matter, and methods of study in Forensic Science.
3. Students will increase their knowledge of Crime Scene Investigation.
4. Students will learn basic concepts & terms, and submission of evidence.