

SURVEY OF FORENSIC SCIENCE

CRIJ 3301 Summer Course Syllabus

Dead Men Do Tell Tales

Course Description

Forensic science is a broad term that encompasses any scientific inquiry that is applied to the legal system. This course is designed to familiarize the student with the most common forensic disciplines including, but not limited to, criminalists, forensic biology, forensic chemistry, and death investigation. Students will learn about the types of evidence each discipline is responsible for as well as common methods of evidence analysis and interpretation. This course will also discuss current research in forensic science as well as the challenges that modern forensic investigators face in the crime scene, laboratory, and courtroom settings.

DR. DANIELLE BAILEY

My office is in the College of Arts & Sciences building, Office 135A. You can reach me at dbailey@uttyler.edu or 903.566.7432. My personal Zoom Meeting room ID is my office phone number.

I am available for Open Office Hours on Thursdays from 1PM - 4PM, in my office or via Zoom. I am also available by appointment outside of this time. Please email me to request an appointment.

This class is taught fully online.
All interactions will take place
through Canvas.

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This syllabus was created to provide you with an overview of the learning expectations for this course. Additional assignment details, student resources, and UT Tyler policies and Information are provided on Canvas.

Course Learning Objectives

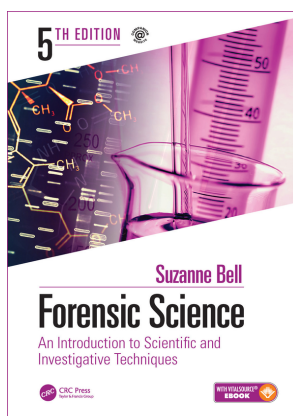
By the completion of this course, you will be able to:

- Distinguish the different forensic disciplines and the legal system within forensic science
- Compare/contrast the types of evidence each forensic discipline examines
- Discuss the historical and print development of forensic science
- Explain how forensic scientists identify, collect, and analyze forensic evidence
- Describe common forensic analysis methodologies
- Identify the appropriate type of evidence for different forensic analyses
- Apply the scientific method to forensic evidence
- Critique how modern technology enhances and limits forensic analysis
- Analyze the influence of DNA evidence has had on forensic analyses from different fields
- Identify ethical considerations for forensic scientists
- Identify the roles of coroner, medical examiner, and forensic anthropologist within forensic science.

Course Format

This course is taught entirely online. All course interactions will take place through Canvas, UT Tyler's learning management system. In order to be successful, you will need to complete all online components of the course. To help you stay organized, a course schedule is provided for you in Canvas.

Required Textbook



Forensic Science: An Introduction to Scientific and Investigative Techniques, 5th edition

S. Bell

ISBN: 9781138048126 (Hardback)

ISBN: 9781315170336 (E-book)

There are earlier editions of this textbook, but this edition is substantially different than prior editions. Please make sure you have ordered the 5th edition.

Dr. Bailey's Website

Additional instructional materials are provided for you on Dr. Bailey's website (link below). Use of Dr. Bailey's website is not required but is highly recommended for students seeking additional instruction or assistance with the course material.

<https://daniellebaileyphd.com/>



Course Assignments

Reading Quizzes

Readings are a vital part of this course because you will put the concepts into action during the module's activity. To promote comprehension of reading material, you will complete a short reading quiz each week. Quizzes consist of multiple choice and true/false questions only. You may take each quiz up to three times. Only the highest score will count towards your final grade.

Lecture Videos

All lecture material will be provided via lecture videos. Each module, you will complete a series of short lectures videos exploring different disciplines within the field of forensic science. While there are multiple videos for each module, videos are typically less than 10 minutes and the total weekly lecture time averages about one hour. Exact video lengths are noted in the course schedule.

All lecture videos include multiple choice and true/false quiz questions embedded directly into the video. You must complete the lecture video and submit the quiz in order to earn full points for the week. Lecture quizzes are automatically scored and entered into your Canvas gradebook, but you may retake the video again. Only the most recent score will be applied to your final grade. At the end of the course, your lowest three lecture videos scores will be dropped.

Module Activities

Module Activities allow you to explore one subspecialty of forensic science in a hands-on, applied manner. Due to the accelerated summer schedule, you will examine multiple subspecialties in each module, so you will be given a choice of activity options. This flexibility allows you to engage with the areas of forensic science that interest you most.

Module Activities will be graded using a standardized rubric based on the professionalism of your submission and the depth and accuracy of your content. At the end of the course, your lowest Module Activity score will be dropped, allowing you to miss one without penalty.

Imagine
With all
your mind.
Believe
With all
your heart.
Achieve
With all
your might.

GRADES

Module Assignments

Introduce Yourself! Discussion Board	10 points
Welcome Module Scavenger Hunt	10 points
Reading Quizzes	100 points
Lecture Video Quizzes (drop 3 lowest scores)	180 points
Module Activities (drop lowest score)	200 points

Total Points Possible

500

Final Points

Letter Grade

450 or more points	A
400 - 449 points	B
350 - 399 points	C
300 - 349 points	D
Less than 300 points	F



Late Assignments

I recognize that life sometimes interferes in your plans, so I will accept assignments late in this course without penalty. Late assignments may not receive the same quality or quantity of feedback due to time limitations. To allow me time to finish grading, all late work must be submitted by end of Module 4 in order to be graded. If you require additional extensions beyond that time, please reach out to me via email to discuss your options.

My Response Time

I try to respond to all emails and voicemails within one business day. I do not regularly check emails on weekends, holidays, and school breaks, so response time may be longer at these times. I try to grade all assignments, activities, and exams within two weeks of the due date. Much of the time you will be able to see grades sooner than the times listed. However, there are times when it takes longer to grade assignments, so please be patient if you do not see your grades immediately.

Office Hours

I hold Office Hours on campus and virtually during the summer semester. During office hours, I can go over assignments, discuss quizzes/exams, and answer any questions about course material. If you would like to meet with me outside of my schedule office hours, please email me for an appointment. I am available to meet in my campus office (CAS 135A) or virtually in my personal Zoom room.

Assignment Submissions

All assignments will be submitted on Canvas. Assignments will not be accepted by email. Due dates for all assignments are provided in the detailed Course Schedule provided for you in the Welcome Module of the Canvas course. You can also use the Canvas Calendar to keep track of the course assignments and upcoming deadlines.

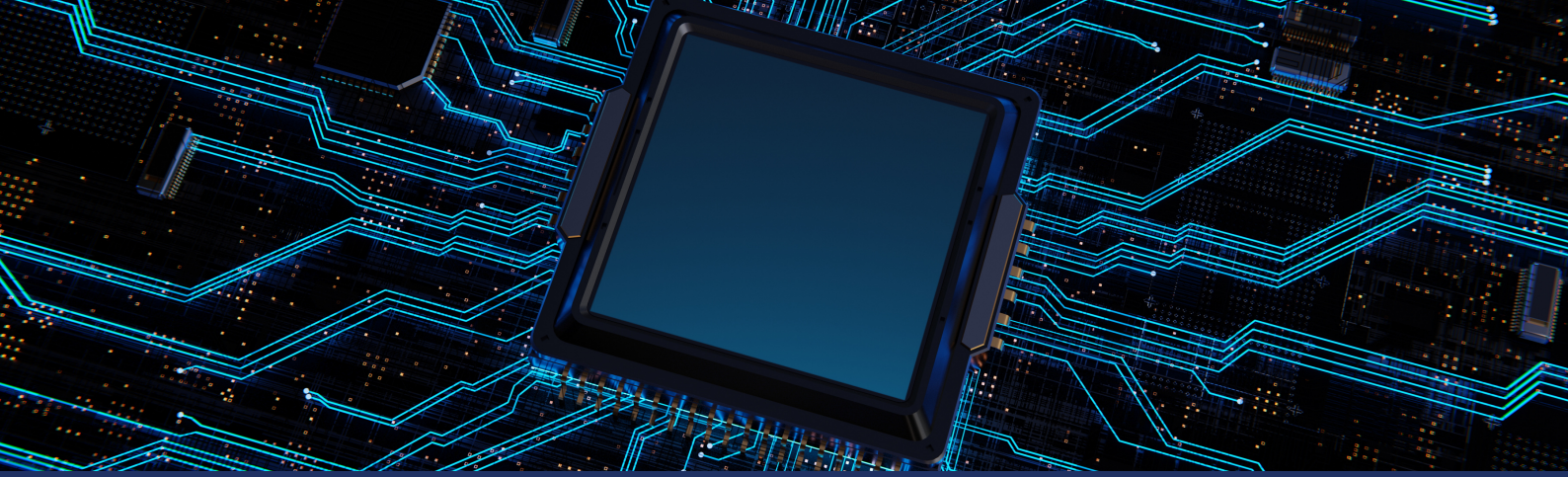
"Nothing ever comes to one, that is worth having, except as a result of hard work."

- Booker T Washington

**I'm Here to Help
You Succeed**



During the course, if you experience any situation that impacts your physical, mental, or emotional health, please reach out to me by email. My goal is to help you be successful in the course, so I am happy to discuss alternative options if it becomes necessary.



Artificial Intelligence (AI) Policies

UT Tyler's AI Policy

UT Tyler is committed to exploring and using artificial intelligence (AI) tools as appropriate for the discipline and task undertaken. We encourage discussing AI tools' ethical, societal, philosophical, and disciplinary implications. All uses of AI should be acknowledged as this aligns with our commitment to honor and integrity, as noted in UT Tyler's Honor Code. Faculty and students must not use protected information, data, or copyrighted materials when using any AI tool. Additionally, users should be aware that AI tools rely on predictive models to generate content that may appear correct but is sometimes shown to be incomplete, inaccurate, taken without attribution from other sources, and/or biased. Consequently, an AI tool should not be considered a substitute for traditional approaches to research. You are ultimately responsible for the quality and content of the information you submit. Misusing AI tools that violate the guidelines specified for this course (see below) is considered a breach of academic integrity. The student will be subject to disciplinary actions as outlined in UT Tyler's Academic Integrity Policy.

Dr. Bailey's AI Policy

In this course, I encourage you to use AI programs (ChatGPT, Copilot, etc.) to help you complete your coursework. These programs can be powerful tools for learning and other productive pursuits, including completing assignments in less time, helping you generate new ideas, and serving as a personalized learning tool. However, your ethical responsibilities as a student remain the same. You must follow UT Tyler's Honor Code and uphold the highest standards of academic honesty. This applies to all uncited or improperly cited content, whether created by a human or in collaboration with an AI tool. If you use an AI tool to develop content for an assignment, you must cite the tool's contribution to your work. Because AI-generated content is not necessarily accurate or appropriate, you must assess the validity and applicability of any submitted AI output. You will not earn full credit if inaccurate, invalid, or inappropriate information is found in your work.

Written assignments in this course will require an AI Reflection Handout explaining how AI was used, if at all, for the assignment. This handout asks for details about how you used AI as well as requires you to reflect on the ethical and learning implications of your AI use. This handout can be submitted as a separate page at the end of the assignment, a separate document attached to the Canvas submission form, or as a comment on the Canvas submission form.

Citing AI Sources

You must acknowledge your use of Artificial Intelligence programs in your written work using proper APA format. See below.

In-text citation
(Copilot, 2024)

Reference citation
Copilot. (2024). Microsoft Copilot (Sep 1 version) [Large language model].
<https://copilot.microsoft.com/>

Learn more about APA format and AI sources: [How to cite ChatGPT](#)

CLASS SCHEDULE



1

Introduction to Crime Scene Processing

- Welcome Module Scavenger Hunt
- Reading Quiz
- Video Lecture Quizzes
- Class Activity

Introduction to Death Investigation

- Reading Quiz
- Video Lecture Quizzes
- Class Activity

2

3

Introduction to the Forensic Laboratory

- Reading Quiz
- Video Lecture Quizzes
- Class Activity

Introduction to Forensic Evidence

- Reading Quiz
- Video Lecture Quizzes
- Class Activity
- Extra Credit Class Activity (Optional)

4

5

Forensic Evidence Continued

- Reading Quiz
- Video Lecture Quizzes
- Class Activity

RESOURCES

College of Arts & Sciences Advising

College of Arts & Sciences (CAS) 215
903.565.7389
advising@uttyler.edu

Bookstore

University Center (UC)
903.566.7070
bookstore@uttyler.edu

Technology Support Center

University Service Center (USC) 118
help.uttyler.edu
itsupport@uttyler.edu

Muntz Library

Robert R. Muntz Library (LIB)
903.566.7343
library@uttyler.edu

Military & Veterans Success Center

University Center (UC) 3440
903.565.5972
mvsc@uttyler.edu

Patriot Pantry

Muntz Library (LIB) 223
patriotspantry@uttyler.edu

Student Accessibility and Resources

Robert T. Muntz Library (LIB) 460
903.565.7079
saroffice@uttyler.edu

Student Counseling Center

University Center (UC) 3170
903.565.5746 (online appointments available)
counselingandwellness@uttyler.edu

University Health Clinic

University Health Clinic (UHC)
903.939.7870
wellness@uttyler.edu

UT Tyler Police Department

University Service Center (USC) 125
903.566.7300
police@uttyler.edu

Writing Center

College of Arts and Sciences (CAS) 212
uttyler.mywconline.com (online scheduling)
writingcenter@uttyler.edu

One Stop Service Center

Stewart Hall (STE) 230
903.566.7180
enroll@uttyler.edu or cashiers@uttyler.edu
One Stop Service Center includes:

- Cashier's Office
- Enrollment Services
- Financial Aid
- Student Business Services

Crisis Help Line
Available 24/7
903.566.7254

