**Forensic Science/honors**

This course is an overview of how science is applied to solving crimes. Topics include history of forensic sciences, collecting of evidence, analyzing results and hands on applications of many laboratory techniques used in solving crimes and identifying people and future careers.

Textbook: Criminalistics An introduction to Forensic Science 8th edition (0131137069)

Course Standards

1. Scope and Development of Forensic Science
2. Biological Forensics
3. Chemical Forensics
4. Basic investigation

The student will have a minimum of 10 major tests during this course. Quizzes will be used to divide sections of some larger units. Medical terminology and abbreviations will be tested weekly with a quiz and through out the other tests. One formal paper will be required. There will be a mid term and a final given. Also numerous smaller projects will be assigned through out the class.

* Forensics reading assignments that connect with the specified curriculum.
* research-based writing assignments that address and extend the course curriculum
* Projects that apply course curriculum to relevant situations.
* open-ended investigations in which the student selects the questions and designs the research
* writing styles that demonstrate a variety of purposes modes and styles
* integration of appropriate technology into the course of study
* deeper exploration of the culture values and history of the discipline
* extensive opportunities for problem solving experiences through imagination, critical analysis and application

Honors reading list:

Required:

 Deaths Acre Dr. Bill Bass and Jon Jefferson

 Story board diary including each chapter

Additional : read four approved books writing a report for each including author information and personal comments relating to the book and its subject

Some possible books are:

 Dancing Naked in the Mind Field Kary Mullis

 The Double Helix James Watson

 Beyond the Body Farm Dr. Bill Bass and Jon Jefferson

 Dead Men do Tell Tales William Maples and Michael Browning

 Stiff Mary Roach

 Cracking Cases the science of solving crimes Dr. Henry C. Lee

 Corpse: Nature, forensics, and the struggle to pinpoint Time of Death Jessica Snyder Sachs

 Portrait of a Killer Jack the Ripper Case Closed Patricia Conwell

Honors Project:

 Create crime scene with multiple evidence collection and process needs

 Lab work completed and recorded

 Present evidence in legal manor

 Careers involved musts be explored and reported on

All written reports must be typed

All research material turned in

Presentation board with information related to your project

Class work/ home work will be 40% tests/quizzes/ projects 40% midterm/ final 20%

Class and daily work is to be turned in on the day it is assigned in class or it is a “0” unless otherwise stated.

Missed work due to absences is the responsibility of the student to schedule and complete with in 5 days of return to class. Remember unexcused absent is a “0” but work still needs to be completed

Material needed: notebook and paper for notes/ black pen/ poster tri-board/ varied supplies for project

Multi-media is used in class including but not limited to the internet, TV programming and movies. Some is very graphic due to the subject matter.

Unless otherwise announced I am available every morning at 7:00 AM or after school by appointment. If I can be of assistance or if you have any questions please feel free to contact me at any time, I am in RM V102 and the phone number to the school is 9314846194. E-mail gilpinl@ccschools.k12tn.net

I am looking forward to the opportunity of having you in class and hope you are looking forward to the learning experience that awaits you.

Laura Ann Gilpin, RN,C

Health Science Educator

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Honors Forensic subject to change:

Week one: introduction/ chapter 1 vocab test

Week two: chapter 1 history of forensic/vocab test

Week three: chapter 1 test/ chapter 2

Week three: crime scene/ chapter 2 test

Week four: finger prints

Week five: finger prints/ vocab test

Week six: book report 1 due/ start Death acre project

Week seven: vocab test crime scene

Week eight: foot prints/ fingerprint test

Week nine: imprint test

Week ten: mid term

Week eleven: fall break

Week twelve: bugs/

Week thirteen: bugs/ death aces due/ new book

Week fourteen: blood/ DNA

Week fifteen: book report 2/ DNA

Week sixteen: blood spatter

Week seventeen: thanksgiving/ bones

Week eighteen: book report 3/ bones

Week nineteen: project due

Week twenty: finals