



HOMEWOOD-FLOSSMOOR HIGH SCHOOL COURSE SCOPE & SEQUENCE



Semester 1 ø11 øø12 Department: Course: Instructor(s):
 This course is aligned to: **College Readiness Standards and/or College Board Standards** Other:

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WEEK	COLLEGE READINESS AND/OR COLLEGE BOARD CONTENT STANDARDS	INSTRUCTIONAL CONTENT	ACTIVITIES, READINGS, LABS, AND/OR ASSIGNMENTS	MAJOR ASSESSMENTS	OTHER
WEEK #1 8/15 ø 8/19 First day for students: 8/17	S.I.b.2 S.II.b.1.	Chapter 1	Intro to forensics, prelab reading. Lab: Identify evidence, 3 powder samples, 3 fiber samples, and pen via chromatography. Plastic ID-Fingerprints.	none	Pg. 2-19
WEEK #2 8/22 ø 8/26	S.I.c.3 S.I.b.3. S.I.b.2.	Chapter 1/2	Suspect evaluation, Fingerprint Intro, Discuss errors and poor logic. Balloon fingerprint lab, ridgeology ID practice		Pg. 2-19/20-47
WEEK #3 8/29 ø 9/2 PLC day: 9/2	S.I.b.3. S.I.b.2.	Chapter 2	Lifting notes, making your own Ten Card. Lifting Fingerprints, observations, crime scene. Observation skills	Print quiz	Pgs. 20-47
WEEK #4 9/5 ø 9/9 No school: 9/5	S.I.c.3 S.I.b.3. S.I.b.2.	Chapter 6	Sketching a crime scene, evidence collection and practice,	Practicum	Pgs. 132-157



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<p>WEEK #5 9/12 ó 9/16 Pep Assembly: 9/16</p>	<p>S.I.c.3. S.I.b.3. S.I.b.2.</p>	<p>Chapter 6</p>	<p>Off-scene practicum, sketch the suspect. Bone Collector, Finish Film. Crime scene game.</p>		<p>Pgs. 132-147</p>
<p>WEEK #6 9/19 ó 9/23 PLC day: 9/23</p>	<p>S.I.f.2. S.I.b.3. S.I.b.2.</p>	<p>Chapter 3</p>	<p>Hair introductions and notes. Microscope hair intro. Animal hairs, comparisons to humans.</p>		<p>Pgs. 48-75</p>
<p>WEEK #7 9/26 ó 9/30</p>	<p>S.I.f.2. S.I.b.3. S.I.b.2.</p>	<p>Chapter 3</p>	<p>Eyelash, eyebrow hair, and arm hair. Fibers. Fiber burn test. Fiber chemical testing.</p>		<p>Pgs. 48-75</p>
<p>WEEK #8 10/3 ó 10/7 PLC day: 10/7</p>	<p>S.I.f.2. S.I.b.3. S.I.b.2.</p>	<p>Chapter 4</p>	<p>Practicum practice.</p>	<p>Practicum. Quiz.</p>	<p>Pgs. 76-105</p>
<p>WEEK #9 10/10 ó 10/14 No school: 10/10 All School Testing: 10/12</p>	<p>S.I.f.2. S.I.b.3. S.I.b.2.</p>	<p>Chapter 4</p>	<p>Genetics review, Punnett review. Case studies. Immunology, Punnett and Blood</p>		<p>Pgs. 76-105</p>
<p>WEEK #10 10/17 ó 10/21 End of 1st Quarter: 10/21</p>	<p>S.I.f.2. S.I.b.3. S.I.b.2.</p>	<p>Chapter 8</p>	<p>DNA notes. Blood typing lab. Blood slide investigation. Blood splatter introduction. Blood splatter on an angle.</p>	<p>Quiz on Blood.</p>	<p>Pgs. 194-249</p>



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WEEK #11 10/24-10/28 PLC day: 10/28	S.I.c.3. S.I.b.3. S.I.b.2.	Chapter 8	Blood notes and discussion. Blood splatter, point of origin, practice and lab. Splatter practice.	Blood splatter practicum.	Pgs. 194-249
WEEK #12 10/31 - 11/4 Soph. Plan Test; Parent/ teacher conferences: 11/3 No school: 11/4	S.I.f.2. S.I.b.3. S.I.b.2.	Chapter 15-2	Lip print practice. Investigate relationship between shoe size and height. Logical thinking practice. Crime myths, Blood splatter video.		Pgs. 430-467
WEEK #13 11/7 - 11/11 No school: 11/11	S.II.b.1. S.I.b.3. S.I.b.2.	Chapter 7	DNA electrophoresis notes. DNA fingerprinting lab.		Pgs. 158-193
WEEK #14 11/14 - 11/18 PLC day: 11/18	S.II.f.3. S.I.b.3. S.I.b.2.	Chapter 7	Analyze lab results. Read article on how science can use DNA. Intro into forensic anthropology and mitochondrial DNA notes		Pgs. 158-193
WEEK #15 11/21 - 11/25 No school: 11/24 & 11/25	S.I.b.3. S.I.b.2.	Thanksgiving	The Murder of the Romanovs, DNA and solving crimes of history online activity. chromosome, DNA forensic anthropology and ancestry Presentations on crime	DNA and blood exam	



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			project. Presentations Day two		
WEEK #16 11/29 ó 12/2	S.I.b.3. S.I.b.2.	Chapter 13	Bertillon measurements. Bertillon discussion, anatomical terms, basic bones and bone intro lab. Open lab, bone lab, online mystery lab, determining age, ethnicity, gender, height paper labs.		Pgs. 360- 393
WEEK #17 12/5 ó 12/9 PLC day: 12/9	S.I.b.3. S.I.b.2.	Chapter 13	Open Lab. 12/(10)11/08- Video with facial reconstruction. go over materials 12/09(10)/08-Mini-Practicum, Lions of Tsavo. When finished, READ HERE . 12/08/08-Summarize last week, what can we determine from bones		Pgs. 360- 393
WEEK #18 12/12 ó 12/16	S.I.b.3. S.I.b.2.	Chapter 13	casting	Quiz on anthro	Pgs. 360- 393
WEEK #19 12/19 ó 12/23 Winter Break Begins 12/21					
WEEK #20		Final Review			



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1/26 1/6 Classes Resume 1/4					
WEEK #21 1/9 6 1/13 Finals: 1/9 6 1/11 Marking Day: 1/12 Institute Day: 1/13		Final		final	

Semester 2 011 012 Department: Course: Instructor(s):
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WEEK #1	S.I.b.2	Chapter 10	*Describe 12 types of		Pg.276-291



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1/16 ó 1/20 No school: 1/16	S.II.b.1.		handwriting exemplars that can be analyzed in a document *Demonstrate an example of each of the 12 exemplars of handwriting traits		
WEEK #2 1/23 ó 1/27 PLC day: 1/27	S.I.c.3 S.I.b.3. S.I.b.2.	Chapter 10	Counterfeiting lab	Chapter 10 test	Pg.292 problems #1-19
WEEK #3 1/30 ó 2/3	S.I.b.3. S.I.b.2.	Chapter 10	Forgery note detection		
WEEK #4 2/6 ó 2/10 PLC day: 2/10	S.I.c.3 S.I.b.3. S.I.b.2.	Chapter 14	*Explain how glass is formed *List some characteristics of glass *Provide examples of different types of glass		Pg.394-411
WEEK #5 2/13 ó 2/17	S.I.c.3. S.I.b.3. S.I.b.2.	Chapter 14	Snellø law	Chapter 14 test	Pg. 412 #1-22
WEEK #6 2/20 ó 2/24 No school: 2/20 PLC day: 2/24	S.I.f.2. S.I.b.3. S.I.b.2.	Supplemental	Car crash Accident report	Car case	



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WEEK #7 2/27 ó 3/2	S.I.f.2. S.I.b.3. S.I.b.2.	Supplimental/Chapt9	B.A.C. and collisions		
WEEK #8 3/5 ó 3/9 No School: 3/5 Institute Day 3/6	S.I.f.2. S.I.b.3. S.I.b.2.	Chapter 9	*Identify the 5 types of controlled substances *Relate signs and symptoms of overdose with specifics of drugs and toxins		Pg. 250-262
WEEK #9 3/12 ó 3/16 PLC day: 3/16	S.I.f.2. S.I.b.3. S.I.b.2.	Chapter 9	*Describe the role of various types of toxins in causing death *discuss agents that may be used in bioterrorism	Chapter 9 test	Pg. 263 problems #1-17
WEEK #10 3/19 ó 3/23 End of 3 rd Quarter: 3/23	S.I.f.2. S.I.b.3. S.I.b.2.	Chapter 11	*Discuss the definition of death *Distinguish between manners of death (natural, accidental, suicidal, homicidal)		Pg. 308-323

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WEEK #11 4/2 ó 4/6 No School: 4/6	S.I.c.3. S.I.b.3. S.I.b.2.	Chapter 11	Forensic entomology Bugs and time of death		Pg.324 Problems # 1-10 & 1-5



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WEEK #12 4/9 ó 4/13 PLC day: 4/13	S.I.f.2. S.I.b.3. S.I.b.2.	Chapter 11		Chapter 11 test	
WEEK #13 4/16- 4/20	S.II.b.1. S.I.b.3. S.I.b.2.	Chapter 17	*Discuss the differences between a handgun, rifle, and a shotgun *Distinguish between a bullet and a cartridge	Chapter 17 test	Pg. 490-504 Pg. 505 Problems #1-16
WEEK #14 4/23 ó 4/27 PSAE: 4/24 & 4/25	S.II.f.3. S.I.b.3. S.I.b.2.	Supplemental	Crime Scene Diorama		
WEEK #15 4/30 ó 5/4 PLC day: 5/4	S.I.b.3. S.I.b.2.	Supplemental	Diorama/Arson	Crime Scene Diorama	
WEEK #16 5/7 ó 5/11	S.I.b.3. S.I.b.2.	Supplemental	Arson, combustion lab activities	Arson quiz	
WEEK #17 5/14 ó 5/18 PLC day: 5/18	S.I.b.3. S.I.b.2.	FINAL REVIEW!	Final review Court Case evidence examination		
WEEK #18		Court Case/final		Court	



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5/21 ó 5/25 Seniorsø last day: 5/24					
WEEK #19 5/28 ó 6/1 No school: 5/28 Final Exams: 5/29 ó 5/31 Marking Day: 6/1					