



Forensic Science Syllabus 2020-2021



Hello! My name is Ms.White! I'm looking forward to working with you this school year.

Online Office Hours: Tuesday 9:00am -10:00 am or Wednesday 12:00 pm -12:35 pm

Tutorials: Tuesday 8:00 am - 8:50 am. **Session will be held in TEAMS*

I can be contacted via email at ashley.white@fortbendisd.com or call (281) 944-5945.

Please allow 24 hours (not including weekends and holidays) for a reply.

What is Forensic Science?



Forensic science is the application of science and how it applies to matters of the law.

This course includes an introduction of what forensics is, crime scene analysis, evidence collection methods, different areas of trace evidence, and cause of death.

The learning strategies used will include lecture, labs, research, activities, and videos.

This course serves as your science credit and is a CTE course.

Each grading period includes a blend of major grades (tests & projects) and minor grades (labs, quizzes & homework) that are each worth 50% of your average. Your semester grade includes your grade period averages (85%) and a cumulative semester exam (15%).

Units of Study



Grading Period	Unit Name	Time Frame	TEKS
1 st Grading Period	Lab Safety & Scientific Processes	Weeks 1 - 2	1A, 2A-B, 3A-H, 4A-D
	Introduction to Forensics & Law	Weeks 2 - 4	4F, 5A-F
	Evidence & Observation Skills	Weeks 5 - 6	7A-I
	Crime Scene Investigations	Weeks 7 - 8	6A-H, 7A
2 nd Grading Period	Hair	Weeks 1 - 2	7A, 7E, 7F-G
	Fibers	Weeks 3 - 4	7A, 7E & 7H
	Fingerprints	Weeks 5 - 8	8A-G
3 rd Grading Period	Drugs & Toxicology	Weeks 1 - 2	13A-B, 10A-C, 7E
	Glass, Soil & Botany	Weeks 3 - 4	7A-E, 7I
	Blood Basics	Weeks 5 - 6	10B, 10D, 11A-D
	Blood Spatter	Weeks 6 - 7	7A, 9A-B
	DNA Analysis	Weeks 8 - 9	7E, 12A-D
4 th Grading Period	Entomology & Cause of Death	Weeks 1 - 2	17A-D
	Anthropology	Weeks 3 - 4	16A-E
	Firearms, Tool marks & Impressions	Weeks 5 - 7	14A-E
	Document Analysis	Week 8	15A-D

1 - Plans subject to change

- Lab safety & Scientific Processes
- Intro to Forensic Science, Law & Ethics
- Crime Scene Investigation & Evidence Collection
- Fingerprints, Hair & Fibers, Glass & Soil
- Toxicology
- Serology & Blood Spatter
- DNA analysis & Impressions
- Document Analysis
- Firearms
- Anthropology & Entomology

Plans subject to change depending on new school reopening guidelines.

Textbook: Forensic Science: Fundamentals & Investigations by Bertino & Bertino

E-Textbook will be accessible through FBISD 1Link

Online Learning Norms



Synchronous Learning in Microsoft Teams

- Your camera will be on when we are in Microsoft Teams. Make sure nothing visible is inappropriate.
- Participate on mute until called on to avoid confusion and background noise.
- To ask a question, press the “raise your hand” button and wait to be called, or ask a question in the chat
- Arrive a few minutes early to make sure your technology is working properly
- Use chat for purposeful communication aligned to the tasks or teacher expectations
- You know yourself best. Make sure you are engaged without dominating the conversation
- Practice good writing techniques: check spelling, grammar & punctuation when responding in the chat

Asynchronous Learning in Schoology

- Follow all directions on activities and assignments like you would do during school
- If you have any questions about something you’ve learning or a question on an assignment, message me in Schoology
- When responding or commenting on discussion posts BE KIND & RESPECTFUL TO OTHERS
- Practice good writing techniques: check spelling, grammar, and punctuation when responding

- Get all assignments turned in on time!

Important Class Information



All work will be assigned and posted on Schoology or in Microsoft TEAMS.

LATE WORK: 10 points will be deducted each day that work is late.

1 day late: -10 points

2 days late: -20 points, etc.

ABSENT TO CLASS: It is the student's responsibility to make up any missing work. If the student misses the synchronous class, it is the student's responsibility to check Schoology and submit their work on time. If the student is unwell or a situation arises, the parent/guardian should email the teacher and the teacher will assign a new due date after considering the situation.

RETAKE POLICY: Students who make below a 74 on a test have opportunity to retake the test and earn a maximum of a 75 on that test.

ATTENDANCE POLICY: ATTENDANCE MATTERS! Attendance will be taken each day during the synchronous portion of class! To be marked present you must be to class on time. You can still be marked tardy, late and absent. If you want credit for your course you must attend class!

LAPTOP DISTRIBUTION:

To loan out a laptop from FBISD you must complete the **online enrollment verification form located in Skyward Family Access**. If there is more than one child in the home make sure to ask for a laptop for each individual child.

For technology assistance call: **(281) 634-0826**

[Click here for the FBISD Technology Resources Website](#)

Getting to Know You





2 - [Welcome Survey](#)