



# TIGER NATION

## Mayerthorpe Jr. Sr. High School **Jr High CTF Forensic Science** **2025-2026 Course Outline**



**Teacher: Mrs. M. Moon**

### **Contact Information**

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### **Course Description:**

This 6-week course (80-minute/day classes) introduces students to the fascinating world of forensic science, where science meets investigation. Students will explore how real-life investigators collect, analyze, and interpret evidence to solve mysteries. Through hands-on activities and labs, they will learn skills such as fingerprint classification, hair and fibre analysis, impression and handwriting examination, and basic techniques in forensic anthropology, entomology, and DNA study. Working individually and in teams, students will practice careful observation, critical thinking, and problem-solving as they apply their skills to mock crime scenes. The course balances scientific learning with interactive challenges, helping students develop both technical knowledge and collaborative skills.

### **Materials:**

Coil notebook/Keytab (80+ pages) - Blue & Red Pen - Pencil - highlighter - crayons

### **Course Evaluation and Student Assessment:**

**Assessment for Learning (Formative Assessment)** is a systematic process of collecting information or evidence about student learning and is not assigned a grade/mark for the report card.

**Assessment of Learning (Summative Assessment)** is the judgment we make about the assessment of student learning based on established criteria, and a mark/grade is recorded for the report card.

<b>Assignments</b>	Assignments may be completed individually, with a partner, or in groups, and will involve hands-on investigative activities that apply forensic science skills.	<b>40%</b>
<b>Quizzes</b>	Quizzes will check your knowledge of key forensic vocabulary and skills, important background facts, and your ability to make observations and inferences.	<b>20%</b>
<b>Investigator's Notebook</b>	This logbook supports students in tracking their learning through note-taking, exit slips, and self-reflections to build stronger learning habits.	<b>20%</b>
<b>Final Exam or Project</b>	At the end of the course, students will complete either a written and practical assessment real-world project to show their understanding of the concepts.	<b>20%</b>
<b>Formative Activities</b>	Ongoing, low-stakes activities to guide instruction and student goal-setting. These include experiments, group discussions and classroom participation.	<b>0%</b>

Students will be evaluated on completion of the projects, as well as basic skills, using a combination of rubrics and summative and formative assessments.

### **The Final Mark/Grade:**

The evaluation for this course is based on the student's achievement of curriculum expectations and the demonstrated skills required for effective learning. The final mark/grade represents the quality of the student's overall achievement of the expectations for the course and reflects the corresponding level of achievement.

### **General Assessment Statement:**

The purpose of reassessment is to allow a student to remove an uncharacteristic grade. Individual reassessments will only be granted in extenuating circumstances.

To qualify for a reassessment, the following requirements must be met:

1. You must show evidence of preparing for the original assessment
  - a. For example:
    - i. Completion of all formative and summative assessments (assignments/quizzes/projects).
    - ii. Completion of practice questions/formative assessments
    - iii. Actively engaged in lessons/class/learning activities and effective use of class time.
2. You must review the assessment and receive feedback in order to establish an understanding of your grade.
  - a. For example:
    - i. A student/teacher conference
    - ii. Post assessment self-reflection
3. You must provide evidence of enhanced learning of the outcomes.
  - a. For Example:
    - i. Completion of teacher tutorial sessions
    - ii. Completion of additional practice materials
    - iii. Exam Analysis - identifying errors/common mistakes/distractors
4. You must arrange to meet for reassessment in a timely manner.
5. The reassessment may be in an alternative form other than the original assessment, but will assess the same outcome(s) from the programs of study.

### **Classroom Expectations:**

**All current school procedures and policies must be followed.**

(<http://maverthorpehigh.ca/parents-and-students/student-agenda>) Please note: The policy regarding **electronic devices** will be strictly enforced.

**Disruptions** of any kind will not be tolerated in class.

**Cheating and plagiarism** will not be tolerated. Anyone caught cheating or participating in plagiarism may receive a grade of zero for the assessment in question. Parents and administration will be contacted.

**Students must be on time for class.** They are expected to be in class at the bell. Students who miss 25% of the class will be marked absent. (10 min for 40 min class, 20 min for 80 min class)

**No Bus Days:** If buses are not running, I will hold a drop-in Google Meet during regular class time. This will be the time to ask questions, clarify concepts, work on assignments, have group discussions, etc. No new material will be covered, but depending on the frequency of this situation, this could change.

### **Absences:**

If you are away from school or anticipate being away, it is your responsibility to let the school know and catch up on the work missed.