Forensic Science – Semester 1 of 2

ILP & Vendor Content Template

# ILP (Individual Learning Plan)

## Instructor: Leslie Curran, Frontier Tutoring LLC

## Class Name: Forensic Science – Semester 1 of 2

## School Year: 2017-2018

## Course Description

Forensic Science is the application of a wide variety of sciences to the investigation of a specific situation or crime. Students will integrate their prior knowledge of biology, chemistry, physics, anatomy, and geology into the science of crime scene investigation and medical forensics. Topics in the course include forensic law, entomology, pathology, toxicology, and anthropology in addition to the analysis of physical evidence such as fingerprints, DNA evidence, and bloodstain patterns. Lab work and case studies will provide real world, hands on experience. This course is geared for preparing students for upper-level high school and college science electives by placing emphasis on critical thinking and problem solving. It also introduces students to a variety of careers in the broad-spectrum field of forensic science.

## Standards: Common Core or GLE

The course is designed to engender student achievement of the following Common Core standards. Page numbers refer to the *Common Core Standards for English Language Arts & Literacy in History/Social Studies, Science, and Technical Studies* (published June 2, 2010).

## Standard: Reading Standards for Literacy in Science and Technical Subjects 6–12

## Grade Level: Grades 11-12 Students

## Skills: Cite specific textual evidence to support analysis of science and technical texts; determine central ideas or conclusions of a text; find gaps or inconsistencies in studies; summarize complex concepts, processes, or information presented in a text by paraphrasing; follow complex multistep procedures when carrying out experiments, taking measurements, or performing technical tasks; demonstrate understanding of delineation of information into categories and hierarchies; evaluate hypotheses, data, analysis, and conclusions of texts and experiments, verifying the data when possible and corroborating or challenging conclusions with resources; synthesize information into a coherent understanding of a process, phenomenon, or concept, resolving conflicting information when possible.

## Standard: Writing Standards for Literacy in History/Social Studies, Science, and Technical Subjects 6–12

## Grade Level: Grades 11-12 Students

## Skills: Introduce knowledgeable and precise claims and develop support for those claims; establish the significance of claims; use support and counterclaims to determine validity and strength of claims; establish and maintain formal style and objectivity when dealing with written assignments.

## Student Activities/Assignments

## Over the course of the semester, homework will be given in the form of reading, worksheets, vocabulary assignments, and lab work as well as several scientific writing assignments.

## Unless otherwise stated by the instructor, all assignments are due at the beginning of the following class. Assignments in bold on the below schedule are due on the day listed. If a problem in meeting homework deadlines arises, students must speak with the instructor before the due date. Ten percent of the grade will be deducted each day after the due date that an assignment is turned in.

## Points will be given in each class for attendance and participation. Not showing up, arriving late, using cell phones during class, and not participating in discussions or activities will result in losing daily attendance/participation points.

Extra credit opportunities will be announced by the instructor throughout the semester. Some tests and quizzes will contain extra credit questions as well. Extra credit is only available for students who have all of their assignments turned in.

## Materials/Resources

Each student should be equipped with standard class supplies (pencil/pen, paper/notebook, binder/folder). Curriculum will be based on the following textbook(s):

* *Forensic Science Today 2nd Edition* (Lawyers & Judges, 2009)

## Role of FPCS Sponsor Teachers

FPCS sponsor teachers will provide oversight and transcribe their assigned students’ grade based on a record of assessed work and scores provided by Frontier Tutoring.

## Role of Frontier Tutoring Instructor

The instructor will lead and pace the class, conduct in-class activities, and assign homework for students to complete under parental supervision. The instructor will communicate with students and parents about student progress through quarterly progress reports, as well as on an individual basis as necessary.

## Role of Students

Students will complete all homework assigned by the instructor. Students will complete several formal, graded assessments including written essays or reports.

## Role of Parents

Parents will monitor the academic progress of their students, taking a proactive role in their education. Parents will ensure that students attend classes regularly and on time, students are picked up from classes on time, assignments are completed on time, and students are on pace with the class. Parents will arrange for supplemental tutoring or other measures if students fall behind.

## Assessment/Grading

Class performance will be assessed using a letter grade system as follows:

100%-90% = A; 89%-80% = B; 79%-70% = C; 69%-60% = D; 59%-0% = F

Weight of each evaluation factor is presented in the class syllabus. Frontier Tutoring will report quarter and semester grades to parents and Family Partnership Charter School. Frontier Tutoring will maintain quantitative evaluation records for each student.

# Vendor Contract Content

## Vendor: Frontier Tutoring LLC

## Vendor Instructor: Leslie Curran, Frontier Tutoring LLC

## Name of Class: Forensic Science – Section 1 – Semester 1 of 2

## Minimum Students: 5

## Maximum Students: 18

## Location: Crosspoint Community Church

1920 W. Dimond Blvd. Ste. K, Anchorage, AK 99515

## Dates/Times Subject to Change

Class Dates: Semester 1: **August** 30

**September** 6**,** 13, 20, 27

**October** 4, 11, 18, 25

**November**  1, 8, 15, 29

**December**  6, 13

## Class Times: Semester 1: Wednesdays, 1:30-3:30 PM

## Classroom Hours: 30

Registration Charge: Please reference the Student Budget Worksheet you will receive from Frontier Tutoring; this document will specify the exact amount due. Parent will be required to pay balance due should ASD fail to remit payment at any time.

Terms of Service: Enrollment in this class is subject to the Terms and Conditions of Enrollment Agreement, as amended.