

# MACHINE LEARNING & ARTIFICIAL INTELLIGENCE SAMPLER



Imagine a course that equips our students with the powerful skills of data science and data visualization - skills that are rapidly becoming essential in today's data-driven world. By introducing students to this field, we give them tools to analyze data, recognize trends, and solve real-world problems in innovative ways. Through hands-on projects, they will explore authentic real-world data and present their findings through compelling visualizations. This course is designed to not only explore technical skills, but to foster critical thinking, creativity, and communication abilities, preparing students for educational pathways leading to high-demand careers that will empower them to make real societal impact.

## Enrollment Requirements

Students in Grade's 10 to 12

## Credits Earned

Students will earn 4 elective credits at the Gr. 12 level.

## Tuition

SD23 Pays: Tuition

Student Pays: \$50 non-refundable deposit

## Course Concepts

- Learn skills related to a variety of careers in the data science / tech industry
- Taught by industry professionals
- Modules:
  - Sampling, Survey Design & Descriptive Statistics
  - Data Visualization & Storytelling
  - Introduction to Machine Learning: Linear Regression
  - Artificial Intelligence & Simulation

## Course Dates

February - May

## Program Delivery

- In-person, Tues & Thursday evenings 6:00-8:00 pm
- Every other Saturday 9am - 3:00 pm  
Okanagan College, 1000 KLO Rd, Kelowna



## Student for a Day

No Student for a Day is required

Applications are available at your school Career Centre  
or visit our website, [www.dualcredit23.sd23.bc.ca](http://www.dualcredit23.sd23.bc.ca)