



YELLOWHEAD  
TRIBAL  
COLLEGE

Indigenous Environmental Stewardship and  
Reclamation (IESR) Program

PARAGON

soil and environmental consulting inc.

# IESR 200 Soil Science

This is a 3-credit introductory soil science course offered through Yellowhead Tribal College and taught by Dr. Konstantin Dlusskiy of Paragon Soil and Environmental Consulting Inc. The course includes an overview of soil formation and soil classification with an emphasis on soils of Western Canada. The course includes instructions on:

- The concept of soil-forming processes and the factors of soil formation
- Fundamental chemical, physical and biological properties of soils
- Soil horizons and description of soil profiles
- Soil Orders of the *Canadian System of Soil Classification*
- Online soil resources and the *Alberta Soil Information Viewer*
- Soil management in relation to physical, chemical and biological soil properties

## COURSE DETAILS

### Where:

The course lectures are available in-person at the Yellowhead Tribal College (10045 – 156 Street NW, Edmonton, AB) and synchronously online via ZOOM meetings (30 h of instruction)

### When:

#### Online/in-person lectures:

April 15 to 19, 2024 (6 hours each day, 9 am to 4 pm with two coffee breaks and a lunch break)

Online Final Exam: April 22 (10 am to 12 pm)

### Fee:

\$705 (+GST)

### Additional Notes:

- 32 hours toward Professional Development
- The course meets the requirements under the National Education Entrance Standard for registration with the profession of Agrology.

### Questions:

[learning@paragonsoil.com](mailto:learning@paragonsoil.com)

### Registration:

<https://ytced.ab.ca/admissions/how-apply/>