

Certificate (1224)

705.759.6700 : 1.800.461.2260 : [www.saultcollege.ca](http://www.saultcollege.ca) : Sault Ste. Marie, ON, Canada



## PROGRAM OVERVIEW

This online certificate is designed for students interested in the theory, practice, and design of instructional content for various modes of delivery (e.g. in-person, online, or hybrid). Learners will gain the theoretical knowledge and practical skills required to design and develop instruction and/or training for a variety of fields including higher education and corporate training. This program is delivered fully online and will allow students to analyze the requirements, design elements, and structure of courses built using the instructional design principles they will be learning.

## ADMISSIONS

### MINIMUM ACADEMIC REQUIREMENTS

Ontario Secondary School Diploma (OSSD), or equivalent, or 19 years of age or older

Students must successfully complete all courses within 7 years of acceptance into the program in order to graduate

Students must obtain a G.P.A. of 2.0 or 60% or higher to obtain this certificate

## CAREER PATHS

For more details on related occupations, job market information and career opportunities, see the Government of Canada website: <https://www.jobbank.gc.ca/>

## CERTIFICATIONS

Upon successful completion of the online Instructional Design certificate program, students will obtain a Sault College certificate.

## PROGRAM OF STUDY

### SEMESTER 1

- OEL1307-3 Instructional Design Principles
- OEL1308-3 Digital Pedagogy
- OEL1309-3 Course Design for Hybrid Learning
- OEL1310-3 Alignment and Assessment Strategies
- OEL1311-3 Instructional Design for Online Learning
- OEL1312-3 Quality Assurance and Course Evaluation
- OEL1313-3 Project Management for Instructional Designers
- OEL1314-3 Collaborative Framework: Working with Subject Matter Experts

## Course Descriptions

### Semester 1

**Instructional Design Principles (OEL1307) (3 credits)**

This course explores the foundational principles of instructional design including learning theories and pedagogical models that are commonly used in the instructional design process. The student will write and align measurable learning outcomes with curriculum and ensure course content is compliant with current industry design and accessibility standards.

**Digital Pedagogy (OEL1308) (3 credits)**

Digital pedagogy deals with not only the use of technology, but the appropriate use of technology to enhance the learning experience and engage the learner. This course will prepare students to evaluate, recommend and implement digital tools in a face to face, online, or hybrid environment.

**Course Design for Hybrid Learning (OEL1309) (3 credits)**

This course will prepare students to design a hybrid module from start to finish. Important issues on mixed-mode lesson planning are discussed as well as learning strategies geared towards both face to face and online delivery. Assessment strategies for hybrid delivery are also key to the design process and we will explore best practices for assessment creation and alignment.

**Alignment and Assessment Strategies (OEL1310) (3 credits)**

Design backward and build forward is an important instructional design principle. This course will explore the importance of aligning assessments to course and module outcomes. Activities and exercises which scaffold to the formative or summative assessments are discussed. The course also speaks to how to use quizzes and pre or post assessments effectively by keeping an eye to instructional design principles.

**Instructional Design for Online Learning (OEL1311) (3 credits)**

This foundational course introduces the student to current learning, instructional design theories, and models used to guide the effective design of online learning environments. The student will analyze learning needs of their target audience/learner profiles/ learner analysis and develop a design plan for a specific instructional approach

**Quality Assurance and Course Evaluation (OEL1312) (3 credits)**

A successful learning experience comes not only from proper curriculum and instructional design but also adhering to quality assurance protocols. In this course students explore a variety of quality assurance protocols as they apply to course development. The concept of piloting to gather students and instructor feedback is also discussed.

**Project Management for Instructional Designers (OEL1313) (3 credits)**

Instructional design involves managing not only the design of curriculum in order to meet learning outcomes but also managing time requirements and other tangible and intangible resources. This course explores the important concepts in project management specifically for educational design and development. We look at time management and cost control, conducting a proper needs analysis from an institutional level as well as strategies for determining scope.

**Collaborative Framework: Working with Subject Matter Experts (OEL1314) (3 credits)**

This course will explore the roles and scope of the instructional designer and subject matter expert in the framework of an instructional design project. Students will develop effective conflict resolution strategies as well as interpersonal communication skills. Communication skills to provide feedback and drive course revisions will also be covered.