Duluth Campus

Educational Computing and Technology Certificate
Education
College of Education and Human Service Professions

- Program Type: Undergraduate credit certificate
- Requirements for this program are current for Fall 2020
- Required credits to graduate with this degree: 15 to 16
- Degree: Certificate in Educational Computing/Technology

This certificate is designed for undergraduate or graduate students in any major or business professionals who are interested in expanding their knowledge and skills in educational computing and technology. The certificate provides basic-through-advanced training in computer hardware and software skills and other peripherals to include but not limited to iPads, iPad Apps, scanners, and Smartboards. Further, this certificate also provides instruction focused on reviewing and evaluating technology tools and allowing students to teach with those technology skills. In addition, the third course provides technology skill development with a focus on the administrative responsibilities. This would include such topics as: technology grant writing, the responsibilities of a technology committee, designing 21st century classrooms/facilities, and for designing professional development opportunities for colleagues and the greater community area. Finally, the certificate expands their technology skills in regard to teaching or delivering professional development training on-line and/or with hybrid coursework with a variety of different Learning Management Systems (LMS).

The program is designed for educational professionals, paraprofessionals, and those in the business world. Student projects are tailored to your personal interests and emphasize practical application for use in school classroom and /or business settings.

The certificate is at one of three levels: undergraduate, graduate, or noncredit; students must decide at what level they wish to pursue this program BEFORE enrolling in the first course as one cannot change ones level once initiated.

The certificate is not eligible for financial aid.

Program Delivery
This program is available:
- via classroom (the majority of instruction is face-to-face)

Admission Requirements
Students must complete 60 credits before admission to the program.

A GPA above 2.0 is preferred for the following:
- 2.50 already admitted to the degree-granting college
- 2.50 transferring from another University of Minnesota college
- 2.50 transferring from outside the University

Completed 60 semester credits, have an overall GPA of 2.5, and have satisfactorily completed at least two-thirds of the most recent 30 semester credits attempted.

If you have completed a bachelor's degree, you may choose to earn the certificate at the undergraduate level. Once admitted to the undergraduate certificate, you will not be allowed to change your undergraduate certificate credits to graduate certificate credits at a later time.

There are 2 forms involved with this certificate program:

Application for Admission Form: https://ibex.d.umn.edu/biz/onestop/cert_app_fee.html No fee is required if you are a registered UMD Student.

Completion Form: (Fill out and submit when you enroll in your last of the 4 courses.) http://www.d.umn.edu/onestop/university-studies/forms/certificate-completion.html

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements
The Board of Regents, on recommendation of the faculty, grants degrees from the University of Minnesota. Requirements for an

undergraduate degree from University of Minnesota Duluth include the following:

1. Students must meet all course and credit requirements of the departments and colleges or schools in which they are enrolled including an advanced writing course. Students seeking two degrees must fulfill the requirements of both degrees. However, two degrees cannot be awarded for the same major.

2. Students must complete all requirements of the Liberal Education Program.

3. Students must complete a minimum of 120 semester credits.

4. At least 30 of the last 60 degree credits earned immediately before graduation must be awarded by UMD.

5. Students must complete at least half of their courses at the 3xxx-level and higher at UMD. Study-abroad credits earned through courses taught by UM faculty and at institutions with which UMD has international exchange programs may be used to fulfill this requirement.

6. If a minor is required, students must take at least three upper division credits in their minor field from UMD.

7. The minimum cumulative UM GPA required for graduation will be 2.00 and will include only University of Minnesota coursework. A minimum UM GPA of 2.00 is required in each UMD undergraduate major and minor. No academic unit may impose higher grade point standards to graduate.

8. Diploma, transcripts, and certification will be withheld until all financial obligations to the University have been met.

Program Requirements
Required Courses
EDUC 2000 - Technology for Teaching and Learning (3.0 cr)
 or EDUC 3412 - The Computer in Education (3.0 cr)
 or EDUC 5412 *{Inactive}*(3.0 cr)
EDUC 5413 - Teaching With Technology (4.0 cr)
 EDUC 5414 - Using Technology for the Administrative Tasks of Teaching (4.0 cr)
 EDUC 5415 - Teaching Online and Hybrid Courses (4.0 cr)