

PROGRAM OF STUDY



Educational Studies:

STEM – Instructional Technology Support Concentration Certificate of Achievement

In order to provide an additional pathway to an education-related career, this certificate is designed for students interested in an education/ teaching-related career who prefer online classes and/or cannot always attend traditional face-to-face classes due to employment, marital status, family responsibilities, distance, and expenses incurred with traditional education schedules. All certificate classes are online (asynchronous, not zoom based).

The certificate serves as a career ladder approach to a credential or permit or as a stand-alone entity to document that a student has taken coursework related to subject matter proficiency (Educational Studies: STEM: Instructional Technology Support Concentration) and has acquired skills for successful employment as a teacher's aide, after-school program assistant, tutoring or other paraprofessional level classroom career.

This certificate is especially appropriate for students following various pathways to classroom teaching or an education-related career:

- The paraprofessional or aspiring paraprofessional teacher aide or home-schooling parent seeking professional development focused on supporting teaching and learning with technology.
- The aspiring paraprofessional or currently employed paraprofessional teacher aide seeking a career ladder approach to a teaching credential and/or child development permit seeking a certificate recognizing expertise in providing technology-based instructional support.
- The teacher aide paraprofessional who has decided against pursuing an AA and/or credential but would like to acquire knowledge and skills/ professional development relevant to serving as a teacher assistant or support staff in a classroom, school, or related environment, specializing in expertise in providing technology-based assistance.
- Teacher preparation for students on a transfer pathway for a BA and Credential who also desire certificate recognition in Educational Studies with a concentration in providing technology support to teachers, students, parents.

It is expected that upon completion of the certificate students will be able to:

1. Work effectively with students, teachers, parents, colleagues, and administrators in a school and classroom setting.
2. Apply knowledge, skills, and experience to make an informed choice to be employed or to continue study in the field of education.
3. Apply the certificate towards entry into a teaching credential or child development permit program, and/or the certificate may serve to document the acquisition of knowledge and skills relevant for employment as a teacher assistant or support staff in a classroom, school, or related environment.

Possible Employment / Illustrative Examples

Teacher Assistant / Classroom Aide specializing in providing technology assistance to students, parents, teachers, in an academic or related setting; Preschool, TK, elementary, middle, secondary; Technology Assistant in special education classrooms with the addition of intro to special education course; Elementary Learning Support Aide, Middle School Paraeducator, Assistant in after school homework center, all grades, where expertise in technology would be an asset.

Courses do not have to be taken in any fixed order or semester.

Required Courses: 13 units

EDUC C101 - Tutor Training (1 unit)

EDUC C104 - Intro to Teaching and Learning in Diverse Contemporary Classrooms (1 units)

EDUC C103 - Technology Proficiencies for Teachers I (2 units)

EDUC C180 - School, Family, Community Partnerships (3 units)

EDUC C211 - Media Literacy Toolkit for Teachers (3 units)

CIS C100 - Introduction to Information Systems (3 units)

Electives: minimum 3 units

BC C124 - Using Adobe Acrobat (3 units)

BC C120 - Microsoft Excel 1 (1.5 units)

BC C150 - Microsoft Office Professional 1 (3 units)

BC C147 - Beginning Microsoft Word 1 (2 units)

DGA C131 - Digital Photography Using Photoshop (2 units)

DGA C116A - Adobe Photoshop 1 (3 units)

Total Required Units: 16