

Education Department

Elementary Education (K-6) Option Paraeducator Technology

Graduates of this option are prepared to immediately enter the workforce as a paraeducator in a school setting, or they may choose to continue their education. The main focus of this education option is to prepare students to transfer to a four-year college or university to complete their bachelor's degree and become certified to teach in an elementary school.

You'll Learn

- Basic theories of education and psychology
- Curriculum development and implementation techniques
- Instructional strategies for mathematics and literacy education
- Behavioral management practices
- Proven strategies for interactions with parents, families and the community
- Practical applications for integrating technology in teaching and learning
- Basic communication skills in a foreign language

You'll Earn

- An opportunity to make a difference in children's lives
- Practical experience through classroom observation and field work
- A seamless pathway to a bachelor's degree
- Career opportunities with great employee benefits
- Competitive salary ranging from \$30,000 to \$36,000 for an elementary school teacher

You'll Succeed

- This Associate of Applied Science degree prepares students for a career as a paraeducator in a K-6 school setting.
- Employees with degrees have better chances for promotions.
- This associate degree is an associate-bachelor's pathway to a professional career as an elementary school teacher.

Program Facts

- Provide learning experiences that are student-centered in theory with practical application to a K-6 school setting
- Instructional strategies encompass Delaware state standards for reading, writing and mathematics
- Observation and field experience are the components of all education courses
- Provides course work that transfers to a senior institution
- Articulation agreements with four-year colleges and universities
- Cost-effective start on an educational path to become a certified teacher

Get in, Get smart, Get going. . .

This program enables students to acquire or strengthen knowledge, skills and competencies for a career as a school paraeducator. It also offers students the option to pursue a four-year degree to become a certified elementary (K-6) school teacher.

Contact Education Department Chair Nancy Campbell at 302-855-1654, 302-857-1284 or ncampbel@dtcc.edu.
For more information, visit www.dtcc.edu/teach

Technical Courses

Exceptional Child covers the legal, psychological, medical and sociological aspects of exceptionality with major emphasis on appropriate methods and practices in Early Childhood programs.

Foundations of Literacy teaches effective strategies to develop phonics, vocabulary and comprehension as well as techniques to decode and understand reading materials. Successful strategies for teaching writing skills will also be a major focus of this course. Recent trends and theories in reading and writing will be explored.

Issues in Elementary Education provides students with an overview of teaching as a profession. The philosophical, historical and social foundations of teaching and learning will be explored. National and state curriculum frameworks will be examined. Field experience will be a course requirement.

Classroom Management enables students to learn about behavior management theories with an emphasis on the child-centered approach known as Positive Behavior Systems (PBS). Proactive strategies for a positive learning environment will be emphasized. The strategies will highlight discipline methods, diversity and multicultural factors, mainstreaming and classroom organization.

Parent, Family & School Interaction focuses on the dynamic relationship of the home, school and community as each contributes to the development and education of children. The course examines principles, technique and resources relevant to working with parents as individuals, couples, and both traditional and non-traditional families and with the community and community agencies. This course includes field experience.

Children's Literature provides students with an overview of developmentally appropriate literature focusing on cultural perspectives and universal themes found in fiction and informational text. Through class and individual projects, students explore children's literature as well as create and evaluate integrated lessons. Field experience is required.

Technology Tools in Teaching will help the student to set up and operate a computer and printer; use a computer and projection system for large screen display; use a scanner; deliver a multimedia presentation; demonstrate use of a variety of technology media including CD-ROMs and networked resources.

Word Processing & Presentations Skills In Teaching enables the student to learn how to open, save, and print files; access and run commercial software applications; use word processing to create, edit and format documents; integrate video and graphics; create, edit, and deliver an instructional presentation.

Spreadsheets in Teaching will show students how to use spreadsheets to interpret and communicate information, create formulas to perform spreadsheet calculations, and create graphs from spreadsheets.

Telecommunications in Teaching will show students how to access resources from local desktop computers, local networks, CD-ROMs and the Internet. Students will use electronic mail and the Internet to locate and download online resources including electronic library services.

Mathematics for Teachers I provides the knowledge and skills to communicate mathematical concepts. Topics include techniques of problem solving, set theory, number theory, the real number system, elementary algebra and an introduction to geometry.

Mathematics for Teachers II is a continuation of MAT 201. Topics include areas and volumes of geometric figures, geometric constructions, measurement, introductory probability and statistics.

Mathematics for Teachers III is a continuation of MAT 201 and 202, and enables better mathematical teaching concepts. Topics include polynomial, quadratic equations, systems of linear equations, the rectangular coordinate system, functions, graphs of linear and quadratic functions, the use of functions as models, linear inequalities, consumer mathematics and an introduction to calculus.

Support Courses

General Biology
Introduction to Chemistry
Macroeconomics or Spanish Communications II
Composition
Technical Writing & Communication
Oral Communications
American History: Pre- or Post-Civil War
Conceptual Physics
General Psychology
Child Development
Spanish Communications I
Art History I or II

How to get started - New students

1. Obtain an admission application by calling (302) 888-5288. Admission applications are also available online at www.dtcc.edu/all/forms/. Complete and return the application to the Stanton campus with a \$10 fee.
2. Request that your high school and/or college transcripts be sent to the Admissions Office.
3. Arrange to take the Computerized Placement Test (CPT) *unless you have already completed college-level math and English courses with a "C" grade or better*. The CPT is administered by the Admissions Office (302) 454-3954 and is used to determine appropriate course placement.
4. Meet with a Delaware Tech counselor to discuss your CPT results and select your course schedule.
5. Remember to apply and register early for the best selection of courses.