

# EDUCATIONAL TECHNOLOGY (EDT)

**EDT 50** **1.0 UNITS**  
**Preparation for Online Learning**  
 Class Hours: 1.0 Lecture  
 Total Contact Hours: 18 Lecture

This course teaches students the skills necessary to successfully complete an online class. Topics include study skills, time management, online student profiles, introduction to the Internet and the World Wide Web and information literacy, using email as well as other online services, netiquette, copyright and plagiarism, and basic aspects of word processing as it relates to creating and saving basic documents that can be attached to emails or uploaded to a learning management system.

**EDT 77** **2.0 UNITS**  
**Using Mind-Mapping Tools in Education**  
 Class Hours: 2.0 Lecture  
 Total Contact Hours: 36 Lecture

This course is intended to teach educators the basics of mind-mapping software, such as Inspiration, an "idea-mapping" and outlining software tool, in an educational setting. Students will create presentation diagrams and outlines to build and reinforce ideas. Students will learn to link presentations directly to the World Wide Web. Using the Internet and other resources, students will create lesson plans to incorporate into their curricula. The nature of this course requires adequate vision to create and critique visual presentations that are designed for visual appeal and effectiveness. All students must be able to perform these activities with or without reasonable accommodations. This course is not open to students with credit in EDT 67.

**EDT 110** **2.0 UNITS**  
**Introduction To Educational Technology**  
 Class Hours: 2.0 Lecture / 1.0 Laboratory  
 Total Contact Hours: 36 Lecture / 18 Laboratory

Introduction to Educational Technology is designed to prepare future teachers with the understanding of how to utilize computers in the educational environment. Participants will learn basic computer terminology, fundamental Internet tools, basic word processing, the use of electronic spreadsheets and use of database management systems. A supportive learning community will be provided where future educators will learn skills in creating effective learning resources using suitable technologies.  
 Transfer Credit: CSU

**EDT 112** **3.0 UNITS**  
**Creating Virtual Curriculum**  
 Class Hours: 3.0 Lecture  
 Total Contact Hours: 54 Lecture

Recommendation: EDT 50 or EDT 151 or equivalent with a grade of "C" or higher or "Pass".

This course is intended to teach educators how to create conferenced and on-line (virtual) curriculum projects for use in the classroom and on the World Wide Web. Students in this course will be given guidelines for developing virtual museums, field trips, on-line exhibits, and exploratorium's from idea conception to the resulting conference or web pages for posting on the Internet.  
 Transfer Credit: CSU

**EDT 116** **3.0 UNITS**  
**Information Literacy For Educators**  
 Class Hours: 3.0 Lecture  
 Total Contact Hours: 54 Lecture

Recommendation: EDT 50 or EDT 151 or equivalent with a grade of "C" or higher or "Pass".

This course is designed for educators who wish to learn about Internet information literacy and how to incorporate the Internet into the classroom curriculum. Participants will learn fundamental and advanced Internet search methods, techniques for determining validity of search results, and copyright issues. A supportive learning community will be provided in which educators collaborate to improve their skills in creating effective learning resources using suitable technologies. This course is not open to students with credit in EDT 100.  
 Transfer Credit: CSU

**EDT 117** **3.0 UNITS**  
**Creating Digital Project-Based Curriculum Projects**  
 Class Hours: 3.0 Lecture  
 Total Contact Hours: 54 Lecture

Recommendation: EDT 110 or EDT 116 or equivalent with a grade of "C" or higher or "Pass".

This course is designed for educators and future educators who wish to expand their Internet and technology-integration skills to be used when developing project-based classroom curriculum. Participants will learn to create an Internet-based project. A supportive learning environment will be provided where educators and future educators collaborate to improve their skills in creating effective learning resources using suitable technologies.  
 Transfer Credit: CSU

**EDT 118** **3.0 UNITS**  
**Emerging Trends in Educational Technology**  
 Class Hours: 3.0 Lecture  
 Total Contact Hours: 54 Lecture

This course is designed for future and current educators who want to take a closer look at emerging trends in Educational Technology. (also known as Instructional Technology) now and in the foreseeable future. Students will examine tools and applications that are being used in education today, along with the how and for what purposes. Ed Tech organizations for teachers will also be explored, as well as some of the alternative professional development options that exist for teachers today. Students will experiment with tech tools and practice applying educational technology concepts to learning opportunities.  
 Transfer Credit: CSU

**EDT 122** **2.0 UNITS**  
**Fundraising/Grant Writing for Educators**  
 Class Hours: 2.0 Lecture  
 Total Contact Hours: 36 Lecture

This course covers the basics of grant seeking, grant writing, and other forms of fundraising that will enable educators to obtain money for technology and other educational programs. The course will cover the process, structure, and skills to develop a conceptual framework for fundraising research, planning, writing skills and strategies. Budgetary considerations, budgetary planning, and presentation skills will also be addressed.  
 Transfer Credit: CSU

**EDT 123****Internet Tools for Educators**

Class Hours: 2.0 Lecture

Total Contact Hours: 36 Lecture

Recommendation: EDT 50 or EDT 151 or equivalent with a grade of "C" or higher or "Pass".

This course covers some of the tools provided on the Internet for educators including blogs, wikis, dictionaries, reference citation makers, libraries, and online rubric creators. Students will learn to use these tools, while discovering practical and creative uses to enhance their teaching. Methods of integrating the tools into the educational setting will be explored.

Transfer Credit: CSU

**2.0 UNITS****EDT 124****Mobile Technology in Education**

Class Hours: 3.0 Lecture

Total Contact Hours: 54 Lecture

Recommendation: EDT 50 or EDT 151 or equivalent with a grade of "C" or higher or "Pass".

This course introduces educators and prospective educators to use of mobile technology and mobile devices in education to perform administrative, instructional, and other classroom functions. Topics include background and basics of mobile devices, technology showcases that illustrate use of mobile technologies, learning theories and 21st Century skills, and "apps." Other topics include policy and management issues related to mobile devices. This course is not open to students with credit in EDT 121.

Transfer Credit: CSU

**3.0 UNITS****EDT 125****Fundamentals of Online Teaching**

Class Hours: 2.0 Lecture

Total Contact Hours: 36 Lecture

Recommendation: EDT 50 or EDT 151 or equivalent with a grade of "C" or higher or "Pass".

This course is designed for educators and future educators who wish to learn the fundamentals of teaching online courses. Students will learn online course structures and delivery methods.

Transfer Credit: CSU

**2.0 UNITS****EDT 127****Fundamentals of Multimedia for Education**

Class Hours: 3.0 Lecture

Total Contact Hours: 54 Lecture

This course focuses on multimedia skills for today's educational environments, including a variety of resources to support educators and educational programs.

Transfer Credit: CSU

**2.0 UNITS****EDT 132****Using Audio in the Classroom**

Class Hours: 2.0 Lecture

Total Contact Hours: 36 Lecture

Recommendation: EDT 50 or EDT 151 or equivalent with a grade of "C" or higher or "Pass".

This course covers the use of digital communication in education by creating and using digital music and other audio recordings in the classroom using audio editing software. Using digital music and voice recordings, students will learn to do the following: create, perform, and record original music for digital movies, podcasts, and slideshows; capture streaming audio; create audio files for slideshows; and capture and assess oral readings.

Transfer Credit: CSU

**2.0 UNITS****EDT 133****Spreadsheets for Educators**

Class Hours: 3.0 Lecture

Total Contact Hours: 54 Lecture

Recommendation: EDT 50 or EDT 151 or equivalent with a grade of "C" or higher or "Pass".

This course prepares educators and prospective educators to perform administrative, instructional, and other classroom tasks utilizing spreadsheet software for a variety of educational purposes. Students will be guided through steps for initial projects, simultaneously learning concepts of use and software basics, along with generating ideas and methods to create and use spreadsheets for educational purposes. Topics include using spreadsheet technology to enhance teaching and learning and integration of technology into course curriculum. This course is not open to students with credit in EDT 103.

Transfer Credit: CSU

**3.0 UNITS****EDT 134****Word Processing for Educators**

Class Hours: 3.0 Lecture

Total Contact Hours: 54 Lecture

Recommendation: EDT 50 or EDT 151 or equivalent with a grade of "C" or higher or "Pass".

This course prepares educators and prospective educators to perform administrative, instructional, and other classroom tasks utilizing word processing software for a variety of educational purposes, including preparation of curriculum. Students will be guided through steps for initial projects, simultaneously learning concepts of use and software basics, along with generating ideas and methods to create and use word processing for educational purposes. Topics include using word processing technology to enhance teaching and learning and integration of technology into course curriculum. This course is not open to students with credit in EDT 104.

Transfer Credit: CSU

**3.0 UNITS**

<p><b>EDT 135</b> <b>3.0 UNITS</b>  <b>Slide Presentation Software For Educators</b>            Class Hours: 3.0 Lecture            Total Contact Hours: 54 Lecture</p>	<p><b>EDT 139</b> <b>2.0 UNITS</b>  <b>E-Portfolios for Education</b>            Class Hours: 2.0 Lecture            Total Contact Hours: 36 Lecture</p>
<p>Recommendation: EDT 50 or EDT 151 or equivalent with a grade of "C" or higher or "Pass".</p> <p>This course prepares educators and prospective educators to utilize slide presentation software, PowerPoint or Keynote, in their teaching practice as they prepare, present and interact with curriculum. Students will be guided through steps for initial projects, simultaneously learning concepts of use and software basics, along with generating ideas and methods to create and use presentation software for educational purposes. Topics include using slide presentation software technology to enhance teaching and learning and integration of technology into course curriculum. Free slide presentation software, such as Google Slides, will be examined as well. The nature of this course requires adequate vision to create and critique visual presentations that are designed for visual appeal and effectiveness. All students must be able to perform these activities with or without reasonable accommodations. This course is not open to students with credit in EDT 105.</p> <p>Transfer Credit: CSU</p>	<p>Recommendation: EDT 50 or EDT 151 or equivalent with a grade of "C" or higher or "Pass".</p> <p>This course covers features of education-based e-portfolios (electronic portfolios) and examines methods and principles for building an e-portfolio, as well as how an e-portfolio can be used as an authentic assessment tool. E-portfolios can be used as a repository to store and organize digital evidence of teaching and learning. Students can use e-portfolios to demonstrate cumulative learning, competencies, and ongoing construction of ideas and concepts. Teachers can create e-portfolios to augment their resume or demonstrate professional development. This course is not open to students with credit in EDT 109.</p> <p>Transfer Credit: CSU</p>
<p><b>EDT 136</b> <b>3.0 UNITS</b>  <b>Databases for Educators</b>            Class Hours: 3.0 Lecture            Total Contact Hours: 54 Lecture</p>	<p><b>EDT 140</b> <b>3.0 UNITS</b>  <b>Exploring Assistive Technology in Education</b>            Class Hours: 3.0 Lecture            Total Contact Hours: 54 Lecture</p>
<p>Recommendation: EDT 50 or EDT 151 or equivalent with a grade of "C" or higher or "Pass".</p> <p>This course trains educators and prospective educators in the use of database management systems. Databases can be powerful productivity tools for teachers and they can also be great learning tools for students. Educators will learn to create and use databases for a variety of purposes. This course will instruct on database fundamentals and provide an overview of database software available for educational use. Other topics include designing curricular lessons and student assignments utilizing databases. This course is not open to students with credit in EDT 106.</p> <p>Transfer Credit: CSU</p>	<p>Recommendation: EDT 50 or EDT 151 or equivalent with a grade of "C" or higher or "Pass".</p> <p>This course is intended to develop the sensitivity as well as the skills and knowledge needed by teachers to create an educational environment that is conducive to learning for students with disabilities and for those who may have other learning challenges such as English second language learners. Students will investigate strategies for differentiating instruction for students with learning and other disabilities within the general education environment. Through lecture and hands-on experience, participants will explore practical uses of software that can be applied to classroom learning materials to make those materials more accessible to students needing assistance. This course is not open to students with credit in EDT 120.</p> <p>Transfer Credit: CSU</p>
<p><b>EDT 137</b> <b>2.0 UNITS</b>  <b>Creating Educational Media</b>            Class Hours: 2.0 Lecture            Total Contact Hours: 36 Lecture</p>	<p><b>EDT 141</b> <b>2.0 UNITS</b>  <b>Web Design for Educators</b>            Class Hours: 2.0 Lecture            Total Contact Hours: 36 Lecture</p>
<p>Recommendation: EDT 50 or EDT 151 or equivalent with a grade of "C" or higher or "Pass".</p> <p>This course covers the concepts and techniques for video editing using movie making software in education. Using free movie editing software, students will learn to bring lessons to life by creating video "reports" to demonstrate abstract concepts through narration, video, music, and pictures. Methods of integrating these software programs into new and existing lesson plans will be explored.</p> <p>Transfer Credit: CSU</p>	<p>Recommendation: EDT 50 or EDT 151 or equivalent with a grade of "C" or higher or "Pass".</p> <p>This course is for educators and prospective educators with little or no experience creating or designing web pages. Topics of instruction will be web concepts, principles of good web design, special populations compliance, and school website planning and building. Students will build an educational website. Other topics include educational applications of the World Wide Web, copyright, plagiarism, and security issues. This course is not open to students with credit in EDT 111.</p> <p>Transfer Credit: CSU</p>

**EDT 150** **2.0 UNITS**

**Podcasting in Education**

Class Hours: 2.0 Lecture

Total Contact Hours: 36 Lecture

Recommendation: EDT 50 or EDT 151 or equivalent with a grade of "C" or higher or "Pass".

This course covers the concepts and techniques for creating web-based broadcasting, called podcasts, for educational purposes and making them available on the Internet. Podcasting is a way to post and distribute electronic media files online. Podcasting content, resources, hardware and software requirements, and procedures will be covered in addition to methods of integrating podcasts into educational course content.

Transfer Credit: CSU

**EDT 151** **2.0 UNITS**

**Online Communication for Educators**

Class Hours: 2.0 Lecture

Total Contact Hours: 36 Lecture

This course prepares educators and prospective educators to incorporate a variety of online communication technologies into the academic environment. In addition to the fundamentals of email use and management, emphasis is placed on video communications, discussion forums, and next generation Web communication tools within the educational community. Topics include creating and using a variety of communication methods for use in the educational setting, netiquette, designing good discussion topics for students, modeling appropriate communication techniques, as well as issues surrounding student safety and security in relation to online communications. This course is not open to students with credit in EDT 51.

Transfer Credit: CSU

**EDT 160** **3.0 UNITS**

**Using Artificial Intelligence in The Educational Environment**

Class Hours: 3.0 Lecture

Total Contact Hours: 54 Lecture

This course introduces students to the use of Artificial Intelligence (AI) technology with other software to perform administrative, instructional, and other business and educational-related functions. Topics include background and basics of AI, use of AI in business and education, integration of AI technology into common software applications, and utilizing AI to help with productivity. Other topics include policy, ethical, and management issues related to artificial intelligence.

Transfer Credit: CSU

**EDT 170** **2.0 UNITS**

**Using A CMS/LMS For Education**

Class Hours: 2.0 Lecture

Total Contact Hours: 36 Lecture

This course covers the use of a Course Management System/Learning Management System (CMS/LMS) as an educator. A course/learning management system is software that helps to create an effective Internet-based learning environment using pedagogical principles. It also supports collaboration among students, faculty, administrators, and the community and can be used as a repository of materials.

Transfer Credit: CSU