

Curriculum Planning Tool

TIE Module 7

Exceptionality and Technology

Use this Curriculum Planning Tool to assist you in planning the best use of an Online Academy module in your courses. The Planning Tool contains four pages. Page one (below) shows the module Table of Contents. Page two provides an overview of the module's contents, including the (1) goals of the module, (2) discussion questions relevant to the module, (3) the topic title of each lesson in the module, and (4) a list of the glossary words used in the module. Page three is a course integration plan form that allows you to record where the module could fit into the courses you teach. Page four contains a breakdown of all the student tasks included in the module. There is also space on page four for you to plan where each task may fit into your course plan.

Module 7 Exceptionality and Technology

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Content Overview

TIE Module 7: Exceptionality and Technology

This module contains important information that is needed to understand the remaining PBS modules and is highly recommended if the instructor has not presented functional assessment within the course outline. The content contained within this module is appropriate for teachers who work with students of all ages and is not specific to students with disabilities.

Goals:

1. To define terms and concepts necessary for understanding the potential and use of technology in special education.
2. To describe legal mandates related to the provision of technology devices and services for people with disabilities.
3. To describe a conceptual model that can be used to guide decisions about the use of technology for people with disabilities.
4. To explore the use of online technology resources to locate information about education.
5. To explain how assistive technology can be considered when developing individualized education programs (IEPs) for students enrolled in special education programs.
6. To introduce a systematic approach to designing personal technology continuing professional development programs.

Discussion Questions:

1. How can technology impact the lives of people with disabilities?
2. What are the different types of technology?
3. What are the different areas of human functioning, and how can technology be used within each?
4. What is the "technology continuum" and what are its implications for making decisions about the use of technology?
5. When developing individualized education programs (IEPs), what guidelines can be used to consider students' needs for assistive technology devices and services?
6. How can technology be used to locate information about assistive technology devices and special education?
7. How can special educators design a continuing professional development program that keeps their technology knowledge and skills current?

Lesson Topics:

1. Technology Basic Concepts
2. A Model to Guide Technology Decision Making
3. Applications of Technology in Special Education

Glossary:

Adapted physical education	Environmental demands	Computer-assisted instruction
Adaptive Device Locator System (ADLS)	Environmental interaction	Conceptual models
Alliance for Technology Access	Exceptional Child Education Resources (ECER)	Consideration of assistive technology
Americans with Disabilities Act (PL 101-336)	Expert system	Coping strategies
Applied behavior analysis	Fine-muscle control	Council for Exceptional Children (CEC)
Artificial intelligence	Function	Dialysis
AskERIC	Functional demands	Direct Instruction
Assistive and adaptive devices	Functional model	Drill and practice software
Assistive technology specialist	Functional response	ED Number
Augmentative communication	High-tech	ERIC
Boolean connectors	Hyper-ABLEDATA	ERIC Clearinghouse
Braille	IDEA, the Individuals with Disabilities	ERIC Digest
Cerebral palsy	Education Act (PL 105-17)	ERIC Document Reproduction Service
Competency-based instruction	IEP	ERIC System
Educational games	IFSP	ERIC Thesaurus of Descriptors
Electronic wizard	ITP	Education for All Handicapped Children Act (PL 94-142)

Course Integration Plan

Course Integration: Courses in which this module would be applicable:	
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Lessons	Courses in which the lessons would be applicable:
Lesson 1 Technology asic Concepts	
Lesson 2 A Model to Guide Technology Decision-Making	
Lesson 3 Applications of Technology in Special Education	

Notes:

Students' Tasks

The following is a comprehensive list of every task that students are asked to complete in this module. Use this task breakdown sheet to designate where each task best fits into your course(s).

Support Level Assessment	
Support Level Directed Questions	
Lesson 1 Assessment	
Lesson 1 Activity	
Lesson 1 Directed Questions	
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Lesson 2 Activity	
Lesson 2 Directed Questions	
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Lesson 3 Activity	
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A Curriculum Planning Tool is available for each of the 22 modules produced by the Online Academy. The modules cover three content areas: Positive Behavioral Supports, Reading, and Technology in Education. All the Curriculum Planning Tools are available online at onlineacademy.org. Instructors are free to access the tools and print multiple copies.