

## Advanced Specialty Set: Special Education Technology Specialist

Advanced Preparation Standard 1: Assessment	
<i>Knowledge</i>	
SETES.1.K1	Technology in the assessment, diagnosis, and evaluation of individuals with exceptionalities
<i>Skills</i>	
SETES.1.S1	Match characteristics of individuals with exceptionalities with technology products and services
SETES.1.S2	Examine a range of alternative solutions prior to making assistive or instructional technology decisions
SETES.1.S3	Consider information about the individual with exceptionalities, environments, and tasks when making technology decisions
SETES.1.S4	Include the individual with exceptionalities in prioritizing goals regarding technology-based solutions
SETES.1.S5	Identify the demands of technology on the individual with exceptionalities
SETES.1.S6	Use technology to collect, summarize, and report student performance data to aid instructional decision making

Advanced Preparation Standard 2: Curricular Content Knowledge	
<i>Knowledge</i>	
SETES.2.K1	National and local technology and curriculum standards
SETES.2.K2	Align special education technology initiatives with national, provincial or state, and local technology and curricular initiatives
<i>Skills</i>	
None Specified	

Advanced Preparation Standard 3: Programs, Services, and Outcomes	
<i>Knowledge</i>	
SETES.3.K1	Effect of technology at all stages of development on individuals with exceptionalities
SETES.3.K2	Effect of diversity on the use of technology
SETES.3.K3	Procedures for the organization, management, and security of technology systems
SETES.3.K4	Ergonomic principles to facilitate the use of technology
SETES.3.K5	Processes for acquisition of assistive technology devices and services
<i>Skills</i>	
SETES.3.S1	Identify, operate, and troubleshoot instructional and assistive technologies to support educational objectives for individuals with exceptionalities
SETES.3.S2	Provide technology support to individuals with exceptionalities
SETES.3.S3	Use technology to support social acceptance
SETES.3.S4	Identify elements of the curriculum for which technology applications are appropriate
SETES.3.S5	Develop and implement contingency plans in the event that assistive or instructional technologies fail
SETES.3.S6	Identify specifications necessary for technology acquisitions for individuals with exceptionalities
SETES.3.S7	Arrange for demonstrations and trial periods with potential assistive or instructional technologies prior to making purchase decisions
SETES.3.S8	Set up or install instructional and educational assistive technologies to meet the needs of individuals with exceptionalities
SETES.3.S9	Implement proper safety practices in the assembly and integration of technology

Standard 4: Research and Inquiry	
<i>Knowledge</i>	
None in addition to the ACSI.	
<i>Skills</i>	
SETES.4.S1	Determine potential applications of computer software and other technology for individuals with exceptionalities
SETES.4.S2	Analyze features of technology systems

Advanced Preparation Standard 5: Leadership and Policy	
<i>Knowledge</i>	
SETES.5.K1	Equity, ethical, and legal considerations related to technology use in special education
SETES.5.K2	Organizations and publications relevant to the field of technology
<i>Skills</i>	
SETES.5.S1	Determine potential applications of computer software and other technology for individuals with exceptionalities
SETES.5.S2	Analyze features of technology systems
SETES.5.S3	Adhere to and advocate for adherence to copyright laws
SETES.5.S4	Adhere to professional guidelines for referring individuals with exceptionalities to other professional specialties

Advanced Preparation Standard 6: Professional and Ethical Practice	
<i>Knowledge</i>	
SETES.6.K1	Concepts and issues related to the use of technology in education and other aspects of society
<i>Skills</i>	
SETES.6.S1	Use technology-related terminology appropriate to the audience in written and oral communication
SETES.6.S2	Describe legislative mandates and governmental regulations and their implications for technology in special education
SETES.6.S3	Write proposals to obtain technology funds
SETES.6.S4	Participate in activities of professional organizations relevant to the field of technology
SETES.6.S5	Conduct professional development and provide technical assistance in the use of technology for individuals with exceptionalities
SETES.6.S6	Provide instruction to individuals with exceptionalities and other stakeholders to ensure successful use of assistive and instructional technologies
SETES.6.S7	Use principles of adult learning in technology instruction

Advanced Preparation Standard 7: Collaboration	
<i>Knowledge</i>	
SETES.7.K1	Roles that related services personnel fulfill in providing technology services
<i>Skills</i>	
SETES.7.S1	Refer team members and families to resources related to assistive and instructional technologies
SETES.7.S2	Collaborate to identify, plan and implement assistive and instructional technologies across settings and transitions
SETES.7.S3	Collaborate to determine whether a comprehensive assistive technology evaluation is needed
SETES.7.S4	Use digital tools and resources to participate and collaborate in local and global learning communities