



**College of Education and Human Development  
Division of Special Education and disAbility Research**

Fall 2017

EDAT 422: Assistive Technology for Individuals with Sensory Impairments

3– Credits

Section DL1; CRN: 73671

Section 6V1; CRN 83405

<b>Instructor:</b> Dr. Peggy Fields	<b>Meeting Dates:</b> 8/28/17 – 12/20/17
<b>Phone:</b> 804-317-9691	<b>Meeting Day(s):</b> Asynchronous
<b>E-Mail:</b> mfield6@gmu.edu	<b>Meeting Time(s):</b> Asynchronous
<b>Office Hours:</b> Phone Mtg. by Appt.	<b>Meeting Location:</b> Net
<b>Office Location:</b> Net	<b>Other Phone:</b> 804-320-6204

\*Note: This syllabus may change according to class needs. Teacher Candidates/Students will be advised of any changes immediately through George Mason e-mail and/or through Blackboard.

**Prerequisite(s) None**

**Co-requisite(s) None**

**Course Description**

Provides an overview of specific technology and resources available to enhance and improve the ability of individuals who are visually impaired/blind or hearing-impaired/deaf. Field experience may be required.

Equivalent to EDIT 412 (2012-2013 Catalog)

Schedule Type: LEC

Hours of Lecture or Seminar per week: 3

Hours of Lab or Studio per week: 0

**Advising Contact Information**

Please make sure that you are being advised on a regular basis as to your status and progress through your program. Mason M.Ed. and Certificate teacher candidates/students should contact the Special Education Advising Office at (703) 993-3670 for assistance. All other teacher candidates/students should refer to their faculty advisor.

### **Course Instructional Method**

EDAT 422 is an asynchronous online course. Using Blackboard, students are expected to complete assignments weekly and be engaged in course activities throughout the semester.

### **Course Delivery Method**

Learning activities include the following:

1. Class lecture and discussion
2. Application activities
3. Video and other media supports
4. Research and presentation activities
5. Electronic supplements and activities via Blackboard

This course will be delivered online (76% or more) using an asynchronous format via Blackboard Learning Management system (LMS) housed in the MyMason portal. You will log in to the Blackboard (Bb) course site using your Mason email name (everything before @masonlive.gmu.edu) and email password. The course site will be available on August 28, 2017.

**Under no circumstances, may candidates/students participate in online class sessions (either by phone or Internet) while operating motor vehicles. Further, as expected in a face-to-face class meeting, such online participation requires undivided attention to course content and communication.**

### *Technical Requirements*

To participate in this course, students will need to satisfy the following technical requirements:

- High-speed Internet access with a standard up-to-date browser, either Internet Explorer or Mozilla Firefox is required (note: Opera and Safari are not compatible with Blackboard).
- Students must maintain consistent and reliable access to their GMU email and Blackboard, as these are the official methods of communication for this course.
- Students may be asked to create logins and passwords on supplemental websites and/or to download trial software to their computer or tablet as part of course requirements.
- The following software plug-ins for PCs and Macs, respectively, are available for free download:
  - Adobe Acrobat Reader: <https://get.adobe.com/reader/>
  - Windows Media Player:

<https://windows.microsoft.com/en-us/windows/downloads/windows-media-player/>

- Apple Quick Time Player: [www.apple.com/quicktime/download/](http://www.apple.com/quicktime/download/)

A headset microphone for use with the Blackboard Collaborate web conferencing tool

## *Expectations*

### Course Week:

Because asynchronous courses do not have a “fixed” meeting day, our week will start on **Tuesday**, and finish on **Monday**.

Our course week will begin on the day that our synchronous meetings take place as indicated on the Schedule of Classes.

### Log-in Frequency:

Students must actively check the course Blackboard site and their GMU email for communications from the instructor, class discussions, and/or access to course materials at least 2 times per week.

### Participation:

Students are expected to actively engage in all course activities throughout the semester, which includes viewing all course materials, completing course activities and assignments, and participating in course discussions and group interactions.

### Technical Competence:

Students are expected to demonstrate competence in the use of all course technology. Students who are struggling with technical components of the course are expected to seek assistance from the instructor and/or College or University technical services. Contact ITU (<http://itservices.gmu.edu/help.cfm>) at (703) 993-8870 or [support@gmu.edu](mailto:support@gmu.edu)

### Technical Issues:

Students should anticipate some technical difficulties during the semester and should, therefore, budget their time accordingly. Late work will not be accepted based on individual technical issues.

### Workload:

Please be aware that this course is **not** self-paced. Students are expected to meet *specific deadlines* and *due dates* listed in the **Class Schedule** section of this syllabus. It is the student’s responsibility to keep track of the weekly course schedule of topics, readings, activities and assignments due.

### Instructor Support:

Students may schedule a one-on-one meeting to discuss course requirements, content or other course-related issues. Those unable to come to a Mason campus can meet with the instructor via telephone or web conference. Students should email the instructor to schedule a one-on-one session, including their preferred meeting method and suggested dates/times.

### Netiquette:

The course environment is a collaborative space. Experience shows that even an innocent remark typed in the online environment can be misconstrued. Students must always re-read their responses carefully before posting them, so as others do not consider them as personal offenses. *Be positive in your approach with others and diplomatic in selecting your words.* Remember that you are not competing with classmates, but sharing information and learning from others. All faculty are similarly expected to be respectful in all communications.

Accommodations:

Online learners who require effective accommodations to insure accessibility must be registered with George Mason University Disability Services

### **Learner Outcomes**

Upon completion of this course, students will be able to:

1. Define the issues and/or cultural perspectives and background related to the hearing impaired/deaf and visually impaired/blind populations as they relate to technology.
2. Identify environmental issues related to access for individuals who have vision or hearing impairments.
3. Locate resources available for hearing impaired/deaf and visually impaired/blind populations.
4. Compare the range of technology available for individuals with sensory impairments.
5. Conduct a customized training of how to use one piece of hardware or one piece of software technology designed for individuals with a sensory impairment, their family, or a professional who works with individuals.

### **Course Relationship to Program Goals and Professional Organizations**

This course is part of the George Mason University, Graduate School of Education (GSE), Assistive Technology Program. The Assistive Technology Program has developed program specific standards in accordance with NCATE requirements. The Assistive Technology Program Standards incorporate several elements within the professional standards from the Council for Exceptional Children (CEC), while also expanding upon them to meet the specific needs related assistive technology. The primary AT Program standards that will be addressed in this class include the following: Standard 2: Knowledge and Skills and Standard 4: Practical Experience.

\*NOTE: NCATE Assessments (in many but not all courses) may address additional AT Program standards.

### **Required Textbooks**

Presley, I., & D'Andrea, F. (2009). In *Assistive Technology for Students Who Are Blind or Visually Impaired*. New York: AFB Press.

This book can also be rented at:

<http://www.afb.org/store/Pages/ShoppingCart/ProductDetails.aspx?ProductId=978-0-89128-890-9>

Also available at Amazon.com

### **Recommended Textbooks**

American Psychological Association. (2010). *Publication manual of the American Psychological Association* (6th ed.). Washington, DC: Author.

### **Course Performance Evaluation**

Students are expected to submit all assignments on time in the manner outlined by the instructor (e.g., Blackboard, Tk20, hard copy).

#### **Tk20 Performance-Based Assessment Submission Requirement**

It is critical for the special education program to collect data on how our students are meeting accreditation standards. Every teacher candidate/student registered for an EDSE course with a required Performance-based Assessment (PBA) is required to upload the PBA to Tk20 (regardless of whether a course is an elective, a one-time course or part of an undergraduate minor). A PBA is a specific assignment, presentation, or project that best demonstrates one or more CEC, InTASC or other standard connected to the course. A PBA is evaluated in two ways. The first is for a grade, based on the instructor's grading rubric. The second is for program accreditation purposes. Your instructor will provide directions as to how to upload the PBA to Tk20.

For EDAT 422, the required PBA is Sensory Device Instruction Project. Failure to submit the assignment to Tk20 will result in reporting the course grade as Incomplete (IN). Teacher candidates/students have until five days prior to the University-stated grade change deadline to upload the required PBA in order to change the course grade. When the PBA is uploaded, the teacher candidate/student is required to notify the instructor so that the "IN" can be changed to a grade. If the required PBA is not uploaded five days prior to the University-stated grade change deadline and, therefore, the grade not changed, it will become an F. Please check to verify your ability to upload items to Tk20 before the PBA due date.

#### **Assignments and/or Examinations**

##### **Performance-based Assessment (Tk20 submission required)**

Students are required to create an instructional plan (Sensory Device Instruction Project) for training the use of a device used designed for individuals who have sensory impairments. The purpose of the plan is to introduce the use of this device to a potential user (i.e., individual with sensory impairment, their parent or other family member, or a professional working with an individual with a sensory impairment). The designated sensory device may be either approved through a

selection process or specifically assigned by the instructor. This plan itself should be submitted as a text document and include the following:

**a. Device Overview**

Student provides a description of the sensory device. The description should include the purpose of the device, its features, and its vendor/contact information.

**b. User Characteristics & Needs**

Student provides a rationale for selecting the user/individual(s) for which they are designing the training. A listing of the user's prerequisite skills as well as the needs they have for potentially using the device will be outlined. Consideration of diverse needs of both the user in training as well as those that make be affected by the training should be addressed.

**c. Customized Training**

Student designs a training plan customized specifically for the user that is to be trained. The plan should include: *goal(s)* of the 1 hour training, *objectives* for each section or topic being trained and allocated *timeframe* for each, a listing of training *materials*, *procedural steps* for the training that integrate *evidence-based strategies* and *data* collection, and additional *resources* for the user to take with them following the training.

**d. Demonstration**

Student records a 2-3 minute video documenting a portion of the training that shows the Student demonstrating the use of the sensory device. The video will accompany the Instructional Plan write-up as evidence the student has proficiency in device use.

**e. Reflection**

Student provides a reflection on the implementation of the sensory device training from both the Student/instructor and the user/student perspective. The reflection will also include a listing of what would be done differently if the training were repeated, what steps should be taken if additional training was needed and what potential professional development needs that the Student/trainer might require to provide additional training.

**f. Community Impact**

Student discusses the potential impact their device training could have on individuals with sensory impairments, their families, and communities across environments, settings and life span.

**Performance-based Common Assignments (No Tk20 submission required.)**

There are no common assignments in this course.

## **Field Experience Requirement**

A field experience is a part of this course. A field experience includes a variety of early and ongoing field-based opportunities in which candidates may observe, assist, and/or tutor. Field experiences may occur in off-campus settings, such as schools (CAEP, 2016). Below are REQUIRED PROCEDURES FOR ALL STUDENTS ENROLLED IN THIS COURSE.

1. Prior to representing George Mason in off-campus settings, visit this site:

<http://cehd.gmu.edu/teacher/internships-field-experience>

The site has a comprehensive PowerPoint on the registration process and tips for a successful field experience. This is called the Field Experience Presentation. View this.

2. Complete the online field experience registration form [<https://cehd.gmu.edu/endorse/ferf>] at the beginning of the semester (if not before) and complete the information requested REGARDLESS if you need assistance in 'finding' an individual for the project/assignment or not.

Please indicate how your placement will be arranged.\*

- I will arrange my own field experience (observations and/or case studies) because I am a full-time contracted school system employee and will complete field experience at my workplace. OR
- I will arrange my own field experiences (observations and/or case studies) because I am conducting a case study or individualized child portfolio with an individual outside of the school system.

## **Other Assignments**

### **Weekly Learning Module Activities (50 Points) – See Learning Modules for weekly Due Dates**

Students must access online class on Blackboard weekly and complete posted activities for all learning modules. Learning modules are divided into instructional lessons and lab activities. Lesson and lab activities may include PowerPoint presentations of content; Internet searches/research assignments, video exploration and viewing, community exploration, response tasks and construction activities. All activities are due by the end of the module period listed in the proposed course schedule, unless otherwise specified in the learning module instructions. Each learning module will be worth 4 points for a

total of 48 points (12 modules x 4 points = 48 Points) - The Final Module is worth 2 Points for a total of 50 Points).

### **Assistive Technology Assessment Report (20 Points) – Due Nov. 6th**

Students are required to write an AT assessment report for individuals who has a sensory impairment. The assessment will be based on an individual the student is currently working with or a case study provided by the instructor. Assessment templates will be provided on blackboard. Specific areas to be covered in the report include:

- Background Information
- Purpose of the assessment
- Recommendations in the following areas:
  - Assistive technology devices and software,
  - Instructional strategies and
  - Environmental Considerations

### **Course Policies and Expectations Attendance/Participation**

Attendance. Students must login each week at least 2 times during the module time period in order to complete collaborative activities within the module. Due dates for all activities will be noted.

Participation. Students are expected to actively engage in all course activities throughout the semester, which include viewing of all course materials, completing course activities and assignments, and participating in course discussions and group interactions.

#### **Late Work**

Late assignments will be given a 10% cost reduction per day following the due date. (For example, a 10-point assignment will lose 1 point per day while a 30-point assignment will lose 3 points per day.) At the instructor's discretion, students may be given the opportunity to resubmit an assignment however they are not eligible for full credit. Some activities within modules will be time sensitive and therefore cannot be submitted late - these activities will be noted

### **Grading Scale**

Grade	Percentage
A	95-100 %
A-	90 - 94



B+	87-89
B	83 - 86
B-	80 - 82
C	70 -79
D	69-60
F	<60

\*Note: The George Mason University Honor Code will be strictly enforced. Students are responsible for reading and understanding the Code. “To promote a stronger sense of mutual responsibility, respect, trust, and fairness among all members of the George Mason University community and with the desire for greater academic and personal achievement, we, the student members of the university community, have set forth this honor code: Student members of the George Mason University community pledge not to cheat, plagiarize, steal, or lie in matters related to academic work.” Work submitted must be your own or with proper citations (see <http://oai.gmu.edu/the-mason-honor-code/>).

### Professional Dispositions

Students are expected to exhibit professional behaviors and dispositions at all times.

### Class Schedule

\*Note: Faculty reserves the right to alter the schedule as necessary, with notification to students.

#### Schedule

Module	Topic(s)	Readings & Assignments
Module 1 Aug. 30– Sept. 5	Course Orientation & VI and HI Characteristics	<b>Reading:</b> Materials included in Module I Activities <b>Assignment:</b> Weekly Online Module Activities Posted on Blackboard
Module 2: Sept. 6 – Sept. 12	Assistive Technology for Daily Living Resources for VI & HI	<b>Readings:</b> Chapter 1 pp. 6 - 11 (Presley & D'Andrea, 2009) <b>Assignment:</b> Weekly Online Module Activities Posted on Blackboard

Module	Topic(s)	Readings & Assignments
Module 3: Sept. 13 - Sept. 19	Technology for Communication (Deaf & Hard for Hearing)	<b>Readings:</b> Assistive Technology for Students who are Deaf or Hard of Hearing ( <b>Chapter 13</b> ) from Assessing Students' Needs for Assistive Technology (ASNAT) 5th Edition – available online <a href="http://sped.dpi.wi.gov/sped_at-wati-asnat">http://sped.dpi.wi.gov/sped_at-wati-asnat</a>  <b>Assignment:</b> Weekly Online Module Activities Posted on Blackboard
Module 4: Sept. 20 - Sept. 26	Accessing Print Information – Visually <ul style="list-style-type: none"> <li>• Non-optical and optical devices</li> <li>• Video Magnification Systems</li> <li>• Scanning with OCR</li> </ul>	<b>Reading:</b> Chapter 2 pp. 24-56 Presley & Chapter 5 pp. 147 – 15. D'Andrea, 2009)  <b>Assignment:</b> Weekly Online Module Activities Posted on Blackboard
Module 5: Sept. 27– Oct. 3	Accessing Electronic Information Visually <ul style="list-style-type: none"> <li>• Screen Magnification</li> <li>• Cursor Enhancements</li> </ul>	<b>Readings:</b> Chapter 2 pp. 79-98 (Presley & D'Andrea, 2009)  <b>Assignment:</b> Weekly Online Module Activities Posted on Blackboard
Module 6: Oct. 4- Oct. 10	Assessment Process: <ul style="list-style-type: none"> <li>• Completing an AT Assessment</li> <li>• Writing Recommendations</li> </ul>	<b>Readings:</b> Chapter 6 pp. 173-197 & Chapter 8 pp. 316 - 334 (Presley & D'Andrea, 2009)  Review Chapter 7 - Look through assessment checklists  <b>Assignment:</b> Weekly Online Module Activities Posted on Blackboard
Module 7: Oct. 11 - Oct. 17	Accessing Print and Electronic Textbooks Auditorily <ul style="list-style-type: none"> <li>• Readers</li> <li>• Audio Recordings</li> <li>• Digital Audio Formats</li> <li>• Reading Machines</li> </ul>	<b>Readings:</b> Chapter 2. pp 61 - 72 (Presley & D'Andrea, 2009) Chapter 5 pp. 145 – 147 & 165 – 169.  <b>Assignment:</b> Weekly Online Module Activities Posted on Blackboard
Module 8: Oct. 18 – Oct. 24	<ul style="list-style-type: none"> <li>• Preparing for the Assessment Report – <b>Now Due November 6<sup>th</sup></b></li> </ul>	<b>Assignment:</b> Weekly Online Module Activities Posted on Blackboard
Module 9: Oct 25 – Oct. 31	Accessing Electronic Information Auditorily and Tactilely  Screen Reading and Braille Tools	<b>Readings:</b> <b>Readings:</b> Chapter 3 pp. 104-119 (Presley & D'Andrea, 2009)  Chapter 2 pp. 56 – 61 & Chapter 3 pp. 100 – 104; Chapter 4 pp. 132 – 141; Chapter 5 pp. 153 – 155. (Presley & D'Andrea, 2009)

Module	Topic(s)	Readings & Assignments
		<b>Assignments:</b> Weekly Online Module Activities Posted on Blackboard
Module 10: Nov 1 - Nov. 7	Producing Electronic Files <ul style="list-style-type: none"> <li>• Electronic Writing Tools</li> <li>• Keyboarding</li> <li>• Managing Electronic Files</li> </ul>	<b>Readings:</b> Chapter 4 pp. 120 – 132 & 141 - 144 (Presley & D'Andrea, 2009) <b>Assignment:</b> Weekly Online Module Activities Posted on Blackboard <b>*Assessment Report Due Nov. 6</b>
Module 11: Nov. 8 - Nov. 14	Training on Technology Strategies & Best Practices  Review of Tools for Recording Final Presentation	<b>Readings:</b> Materials included in Module 11 Activities <b>Assignment:</b> Weekly Online Module Activities Posted on Blackboard
Module 12: Nov.15- Nov. 21*  Nov. 22 – Nov. 28 Thanksgiving Break	Outlining A Technology Lesson Plan Determining the best strategies Providing Supports	<b>Readings:</b> Materials included in Module <b>Assignment:</b> Weekly Online Module Activities Posted on Blackboard
Module 13: Nov. 29 – Dec 5	Review of Final Project Submission Requirements.  Work on Final Project	<b>Readings:</b> Materials Provided in Module <b>Assignment:</b> <b>*Submit Final Project Instructional Plan Due December 4</b>

### Core Values Commitment

The College of Education and Human Development is committed to collaboration, ethical leadership, innovation, research-based practice, and social justice. Students are expected to adhere to these principles: <http://cehd.gmu.edu/values/>

### GMU Policies and Resources for Students

#### Policies

- Students must adhere to the guidelines of the Mason Honor Code (see <http://oai.gmu.edu/the-mason-honor-code/>).
- Students must follow the university policy for Responsible Use of Computing (see <http://universitypolicy.gmu.edu/policies/responsible-use-of-computing/>).

- Students are responsible for the content of university communications sent to their Mason email account and are required to activate their account and check it regularly. All communication from the university, college, school, and program will be sent to students **solely** through their Mason email account.
- Students with disabilities who seek accommodations in a course must be registered with George Mason University Disability Services. Approved accommodations will begin at the time the written letter from Disability Services is received by the instructor (see <http://ods.gmu.edu/>).
- Students must follow the university policy stating that all sound emitting devices shall be turned off during class unless otherwise authorized by the instructor.

### **Campus Resources**

- Support for submission of assignments to Tk20 should be directed to [tk20help@gmu.edu](mailto:tk20help@gmu.edu) or <https://cehd.gmu.edu/aero/tk20>. Questions or concerns regarding use of Blackboard should be directed to <http://coursessupport.gmu.edu/>.
- The Writing Center staff provides a variety of resources and services (e.g., tutoring, workshops, writing guides, handbooks) intended to support students as they work to construct and share knowledge through writing (see <http://writingcenter.gmu.edu/>).
- The Counseling and Psychological Services (CAPS) staff consists of professional counseling and clinical psychologists, social workers, and counselors who offer a wide range of services (e.g., individual and group counseling, workshops and outreach programs) to enhance students' personal experience and academic performance (see <http://caps.gmu.edu/>.) to enhance students' personal experience and academic performance (see <http://caps.gmu.edu/>).
- The Student Support & Advocacy Center staff helps students develop and maintain healthy lifestyles through confidential one-on-one support as well as through interactive programs and resources. Some of the topics they address are healthy relationships, stress management, nutrition, sexual assault, drug and alcohol use, and sexual health (see <http://ssac.gmu.edu/>). Students in need of these services may contact the office by phone at 703-993-3686. Concerned students, faculty and staff may also make a referral to express concern for the safety or well-being of a Mason student or the community by going to <http://ssac.gmu.edu/make-a-referral/>.

For additional information on the College of Education and Human Development, please visit our website <https://cehd.gmu.edu/>.

## Appendix

### Assessment Rubric(s)

#### EDAT 422 Sensory Device Instructional Plan Project

	<b>Assessment Criteria</b>	<b>Does Not Meet Expectations</b>	<b>Approaches Expectations</b>	<b>Meets Expectations</b>
Device Overview  AT Program Standard 2.4	<b>Indicator 2.4:</b> In conjunction, candidates possess a repertoire of evidences-based strategies to develop personalized supports for individuals with exceptional needs across environments, settings, and the life span.	Candidate fails to identify a sensory device developed to provide personalized supports for individuals with exceptional needs.	Candidate identifies sensory device(s) but is limited on knowledge as to how the device(s) can provide personalized supports for individuals with exceptional needs.	Candidate identifies and introduces sensory device(s) designed to provide personalized supports for individuals with exceptional needs.
User Characteristics and Needs  AT Program Standard 1.1	<b>Indicator 1.1:</b> Candidates understand the similarities and differences in human development and the characteristics between and among individuals with and without exceptional needs.	Candidate fails to identify characteristics specific to those with exceptional needs as it relates to typical human development.	Candidate identifies some salient characteristics of those with exceptional needs as it relates to typical human development.	Candidate identifies salient characteristics of those with exceptional needs as it relates to typical human development.
User Characteristics and Needs  AT Program Standard 1.2	<b>Indicator 1.2:</b> Candidates understand how exceptional conditions can interact with the domains of human development and consider the impact of utilizing specific features of assistive	Candidate fails to identify specific and related characteristics of users who could benefit from sensory device(s).	Candidate identifies some related characteristics of users who could benefit from sensory device(s).	Candidate identifies specific characteristics of users who could benefit from sensory device(s).

	<b>Assessment Criteria</b>	<b>Does Not Meet Expectations</b>	<b>Approaches Expectations</b>	<b>Meets Expectations</b>
	technology devices and strategies to increase, maintain, or improve functional capabilities of individual with exceptional needs.			
User Characteristics and Needs AT Program Standard 1.3	<b>Indicator 1.3:</b> Candidates understand how issues of human diversity can impact individuals, families, communities, and cultures, and how these complex human issues in the delivery of assistive technology.	Candidate fails to consider how issues of human diversity can impact individuals, families, communities, and cultures, and how these complex human issues can interact with issues in the delivery of sensory device(s).	Candidate considers how some issues of human diversity can impact individuals, families, communities, and cultures, and how these complex human issues can interact with issues in the delivery of the sensory device(s).	Candidate considers how issues of human diversity can impact individuals, families, communities, and cultures, and how these complex human issues can interact with issues in the delivery of the sensory device(s).
Customized Training Plan AT Program Standards 2.4	<b>Indicator 2.4:</b> In conjunction, candidates possess a repertoire of evidences-based strategies to develop personalized supports for individuals with exceptional needs across environments, settings, and the life span.	Candidate fails to identify and match appropriate sensory device(s) based on individual and environmental needs.	Candidate identifies appropriate sensory device(s) but does not necessarily match that device based on individual and environmental needs.	Candidate identifies and matches a sensory device(s) to potential users based on individual and environmental needs.
Customized Training Plan AT Program Standards 3.7	<b>Indicator 3.7:</b> Candidates develop and report plans to implement and monitor outcomes of interventions and	Candidate fails to develop and report plans to implement and monitor outcomes of interventions and reevaluate and adjust	Candidate's plans to implement and monitor outcomes of interventions are limited and do not necessarily plan to	Candidate develops and reports a plan to implement the use of the sensory device(s) and monitor its outcomes; considering

	<b>Assessment Criteria</b>	<b>Does Not Meet Expectations</b>	<b>Approaches Expectations</b>	<b>Meets Expectations</b>
	reevaluate and adjust the system as needed.	the sensory device(s) as needed.	reevaluate and adjust the sensory device(s) as needed.	the possibility for needing adjustments and reevaluation.
Customized Training Plan AT Program Standards 2.4	<b>Indicator 2.4:</b> In conjunction, candidates possess a repertoire of evidences-based strategies to develop personalized supports for individuals with exceptional needs across environments, settings, and the life span.	Candidate fails to utilize evidence-based strategies to develop personalized supports for individuals with exceptional needs.	Candidate utilizes limited strategies to develop personalized supports for individuals with exceptional needs.	Candidate utilizes evidence-based strategies to customize supports for individuals with exceptional needs.
Customized Training Plan AT Program Standards 3.3	<b>Indicator 3.3:</b> Candidates identify placement of devices and positioning of the individual to optimize the use of assistive technology.	Candidate does not identify physical placement of device(s) and positioning of the individual to optimize the use the sensory device(s).	If applicable, candidate identifies placement of devices and positioning of the individual to optimize the use of the sensory device(s).	If applicable, candidate identifies the physical placement of device(s) and positioning of the individual to optimize the use of the sensory device(s).
Community Impact AT Program Standard 1.3	<b>Indicator 1.3:</b> Candidates understand how issues of human diversity can impact individuals, families, communities, and cultures, and how these complex human issues	Candidate fails to discuss the impact sensory device(s) can have on individuals with exceptional needs within various cultures and communities.	Candidate provides a limited discussion that does not specifically address the impact sensory device(s) can have on individuals with exceptional needs within various cultures and communities.	Candidate discusses the impact sensory device(s) can have on individuals with exceptional needs within various cultures and communities.

	<b>Assessment Criteria</b>	<b>Does Not Meet Expectations</b>	<b>Approaches Expectations</b>	<b>Meets Expectations</b>
	in the delivery of assistive technology.			