I. Course Description
This course trains teachers, administrators, counselors, and diagnosticians to use a variety of applied learning principles to increase student learning and minimize disruptive behavior.

II. Rational
This course is designed to provide professionals with practical skills based on applied behavior analysis principles to increase student performance and reduce inappropriate behavior.

III. State Adopted Proficiencies for Teachers
The state adopted proficiencies covered in this course include the following:

1. Equity in Excellence for All Learners. The teacher responds appropriately to diverse groups of learners. The administrator promotes equity in excellence for all by acknowledging, respecting, and responding to diversity among students and staff while building on shared values and other similarities that bond all people.

IV. Student Learning Outcomes
Students in this graduate program will:

- demonstrate knowledge of individuals with disabilities; (SPED 5315, SPED 5320, and SPED 5397 are linked to this student learning outcome.)
- evaluate the needs of individuals with disabilities; (SPED 5386 and SPED 5387 are linked to this student learning outcome.)
• demonstrate knowledge of fostering learning and development for individuals with disabilities; (SPED 5320, SPED 5385, SPED 5386, SPED 5387, and SPED 5397 are linked to this student learning outcome.)
• demonstrate knowledge of foundations of special education and professional roles and responsibilities of the special education educator;
• (SPED 5385, SPED 5386, SPED 5387, SPED 5388, and SPED 5397 are linked to this student learning outcome.)
• develop a behavior intervention/change plan.
  (SPED 5380 is linked to this student learning outcome.)

V. TEXES Competencies and CEC National Standards

TEXES Competencies

A. The Generic Special Education EC-12 Certification (Field 161) TEXES program competencies covered in this course include the following:

DOMAIN I – UNDERSTANDING INDIVIDUALS WITH DISABILITIES AND EVALUATING THEIR NEEDS

  Competency 002: The special education teacher understands formal and informal assessment and evaluation procedures and knows how to evaluate student competencies to make instructional decisions.

DOMAIN II – PROMOTING STUDENT LEARNING AND DEVELOPMENT

  Competency 004: The special education teacher understands and applies knowledge of procedures for managing the teaching and learning environment, including procedures related to the use of assistive technology.

  Competency 005: The special education teacher knows how to promote students’ educational performance in all content areas by facilitating their achievement in a variety of settings and situations.

  Competency 006: The special education teacher understands and applies knowledge of issues and procedures for teaching appropriate behavior and social skills.

DOMAIN IV – FOUNDATIONS AND PROFESSIONAL ROLES AND RESPONSIBILITIES

  Competency 011: The special education teacher applies knowledge of professional roles and responsibilities and adheres to legal and ethical requirements of the profession.

B. The Educational Diagnostician Field (153) TEXES program competencies covered in this course include the following:

  Competency 005: The educational diagnostician applies skills for interpreting formal and informal assessments and evaluations.
Competency 007: The educational diagnostician understands the use of appropriate assessment, evaluation, planning, and instructional strategies for developing students’ behavioral and social skills.

**CEC National Standards**

TAMUCC Special Education Program is aligned with the National Council for Exceptional Children (CEC) Standards.

Council for Exceptional Children: Initial Level Content Standards

Beginning special educators demonstrate their mastery of the following standards:

**Initial Content Standard 1: Foundations**

Special educators understand the field as an evolving and changing discipline based on:

- philosophies and evidence-based principles and theories
- relevant laws and policies
- diverse and historical points of view
- human issues that influence the field and professional practice
- issues of human diversity that can impact families, cultures, and schools
- relationships of organizations of special education to the organizations and functions of schools, school systems, and other agencies

**Initial Content Standard 2: Development and Characteristics of Learners**

Special educators:

- know and demonstrate respect for their students first as unique human beings
- understand the similarities and differences in human development
- understand how exceptional conditions can interact with the domains of human development
- use this knowledge to respond to the varying abilities and behaviors of individuals with exceptional learning needs

**Initial Content Standard 3: Individual Learning Differences**

Special educators:

- know and understand the effects that an exceptional condition can have on an individual’s learning in school and throughout life
- utilize active and resourceful means in seeking to understand how primary language, culture, and familial backgrounds interact with the individual’s exceptional condition
- understand learning differences provide the foundation upon which special educators individualize instruction

**Initial Content Standard 4: Instructional Strategies**

Special educators:
• possess a repertoire of evidence-based instructional strategies to individualize instruction for individuals with exceptional learning needs.
• select, adapt, and use these instructional strategies to promote positive learning results in general and special curricula
• modify learning environments appropriately for individuals with exceptional learning needs
• enhance the learning of critical thinking, problem-solving, and performance skills of individuals with exceptional learning needs
• promote increased student’ self-awareness, self-management, self-control, self-reliance, and self-esteem
• emphasize the development, maintenance, and generalization of knowledge and skills across environments, settings, and the life span.

Initial Content Standard 5: Learning Environments and Social Interactions
Special educators actively:

• create learning environments for individuals with exceptional learning needs
• foster cultural understanding, safety and emotional well-being, positive social interactions, and active engagement
• foster environments in which diversity is valued
• shape environments to encourage the independence, self-motivation, self-direction, personal empowerment, and self-advocacy
• help their general education colleagues integrate individuals with exceptional learning needs in general education environments and engage them in meaningful learning activities and interactions
• use direct motivational and instructional interventions
• teach students to respond effectively to current expectations
• intervene with individuals with exceptional learning needs in crisis
• coordinate all these efforts and provide guidance and direction to paraeducators and others, such as classroom volunteers and tutors.

Initial Content Standard 6: Language
Special educators:

• understand typical and atypical language development
• use individualized strategies to enhance language development and teach communication skills
• are familiar with augmentative, alternative, and assistive technologies to support and enhance communication
• match communication methods to an individual’s language proficiency and cultural and linguistic differences
• provide effective language models and use communication strategies and resources to facilitate understanding of subject matter for individuals with exceptional learning needs whose primary language is not English.

Initial Content Standard 7: Instructional Planning
Individualized decision-making and instruction is at the center of special education practice. Special educators:

• develop long-range individualized instructional plans anchored in both general and special education curricula
• systematically translate these individualized plans into carefully selected shorter-range goals and objectives taking into consideration an individual’s abilities and needs, the learning environment, and a myriad of cultural and linguistic factors
• emphasize explicit modeling and efficient guided practice to assure acquisition and fluency through maintenance and generalization.
• modify instructional plans based on ongoing analysis of the individual’s learning progress
• facilitate instructional planning in a collaborative context
• develop a variety of individualized transition plans from preschool to a variety of postsecondary work and learning contexts
• use appropriate technologies to support instructional planning and individualized instruction

Initial Content Standard 8: Assessment
Assessment is integral to the decision-making and teaching of special educators and special educators use multiple types of assessment information for a variety of educational decisions. Special educators use the results of assessments:

• to help identify exceptional learning needs and to develop and implement individualized instructional programs
• to adjust instruction in response to ongoing learning progress

Special educators understand:
• legal policies and ethical principles of measurement
• measurement theory and practices
• appropriate use and limitations of various types of assessments
Special educators collaborate with families and other colleagues to:
- assure nonbiased, meaningful assessments and decision-making
- conduct formal and informal assessments of behavior, learning, achievement and environments
- identify supports and adaptations required for individuals
- regularly monitor the progress of individuals
- use appropriate technologies to support their assessments.

Initial Content Standard 9: Professional and Ethical Practice
Special educators are guided by the profession’s ethical and professional practice standards to:
- to practice ongoing attention to legal matters along with serious professional and ethical considerations

Special educators view themselves as lifelong learners and regularly reflect on and adjust their practice to reflect current evidence-based best practices.

Initial Content Standard 10: Collaboration
Special educators routinely and effectively collaborate with families, other educators, related service providers, and personnel from community agencies in culturally responsive ways and promote and advocate the learning and well-being of individuals with exceptional learning needs across a wide range of settings and a range of different learning experiences.

VI. Course Objectives and Outcomes
This course is designed to enable students to:
- Discuss different ways students learn (I, 001 iv)
- Discuss normal, delayed, and disordered communication patterns, including nonsymbolic communication, and the impact of language development on the academic and social skills of individuals with disabilities (I, 001, vii)
- Identify appropriate evaluation strategies for individual students with diverse characteristics and needs (I, 002, iii)
- Recognizes the reciprocal nature of assessment and instruction; applies skills for developing individualized assessment strategies to evaluate the results of instruction; and knows how to use assessment and evaluation results to design, monitor, and modify instruction for individuals with disabilities. (I, 002, viii)
- Designs and uses ecological assessments, portfolio assessments, task analyses, and functional assessments to accommodate the unique abilities and needs of individuals with disabilities. (I, 002, ix)
- Discusses the role of the Texas Essential Knowledge and Skills (TEKS) in developing Individual Education Programs for students with disabilities, and applies skills for sequencing, implementing, and evaluation individual learning objectives. (II, 003, iii)
• Prepares, adapts, and organizes materials to implement developmentally appropriate and age-appropriate lesson plans based on Individual Education Program objectives. (II, 003, v)
• Demonstrates knowledge of how to design, structure, and manage daily routines, including transition time, for students in a variety of educational settings, and applies procedures for monitoring behavior changes across activities and settings. (II, 004, iii)
• Demonstrates knowledge of basic classroom management theories, methods, and techniques for individuals with disabilities, research-based best practices for effective management of teaching and learning, and management procedures that are appropriate to individual needs. (II, 004, iv)
• Identifies ways in which technology can assist in managing the teaching and learning environment to meet the needs of individual students. (II, 004, v)
• Discusses how to serve as a resource person for families, general education teachers, administrators, and other personnel in recognizing the characteristics of and meeting the needs of individuals with learning differences in the general education classroom (II, 005, ii)
• Demonstrates using assessment results to design, monitor, and adapt instruction to enhance student learning, and applies skills for selecting, adapting, and using effective, research-based instructional strategies, practices, and materials that are developmentally appropriate and age-appropriate and that meet individual needs. (II, 005, iii)
• Demonstrates instructional, compensatory, enrichment, and remedial methods, techniques, and curriculum materials, and applies strategies for modifying instruction based on the differing learning styles and needs of students. (II, 005, iv)
• Applies knowledge of techniques for motivating students, including the effects of high teacher expectations on student motivation. (II, 005, v)
• Demonstrates knowledge of life-skills and self-help curricula and strategies for providing students with life-skills instruction relevant to independent or assisted living and employment. (II, 005, vi)
• Develops and/or selects social skills and behavioral curricula and strategies that promote socially appropriate behavior, and prepares individuals to live cooperatively and productively in society. (II, 006, v)
• Incorporates social skills instruction across settings and curricula and knows how to design, implement, and evaluation instructional programs that enhance an individual’s social participation in family, school, and community activities. (II, 006, vi)
• Implements strategies for modifying learning environments to promote appropriate behaviors. (II, 006, viii)
• Recognizes the impact of language on an individual’s behavior and learning and knows how the communication skills of nonspeaking/nonverbal individuals affect their behavior. (II, 006, ix)
• Applies knowledge of developmental processes associated with communication systems, including emergent and preliteracy skills, and knows how to provide a variety of opportunities for students with disabilities to learn communication skills. (III, 008, i)
VII. Course Topics

- Overview of Human Learning
- Applied Behavior Analysis
- Discreet Trial Training
- Naturalistic/Milieu Teaching
- Ecological Assessments, Discrepancy Analyses, Task Analyses
- Visual Support Strategies
- Social Skills
- Standards-based Instructional Activities

VIII. Instructional Methods and Activities

- Traditional Experiences (i.e., lecture, discussion, multimedia presentations, web enhanced activities)
- Clinical Experiences (i.e., cooperative groups, student presentations, student demonstrations, value clarification, role play)

IX. Evaluation and Grade Assignment

A total of 150 points can be earned in this course.

<table>
<thead>
<tr>
<th>Points Range</th>
<th>Percentage</th>
<th>Grade</th>
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</thead>
<tbody>
<tr>
<td>135 – 150</td>
<td>90 – 100%</td>
<td>A</td>
</tr>
<tr>
<td>119 – 134</td>
<td>80 – 89%</td>
<td>B</td>
</tr>
<tr>
<td>103 – 118</td>
<td>70 – 79%</td>
<td>C</td>
</tr>
<tr>
<td>87 – 102</td>
<td>60 – 69%</td>
<td>D</td>
</tr>
</tbody>
</table>

59% or lower constitutes an F.

The major requirements of this course include the following assignments:

- One quiz
- Six Visual Support Activities
- Course Attendance and Participation

**Quiz (50 pts.):** This class contains one quiz.
Visual Support Activities (75 pts.):
This class contains hands-on activities and assignments (including homework assignments). It is critical that you attend each class and fully participate in all assignments and activities – including course discussions, simulations, role play scenarios, assigned readings, etc. You are expected to come to class prepared and ready to for class discussion. Refer to Course Policies for additional information.

This class is designed to support students in applying learning theory to practice. It is important that each activity is approached with diligence and professionalism.

The following activities are worth:
- DTT lesson 10pts.
- Visual Schedule/Task 10pts.
- Discrepancy Analysis/TA 10pts.
- Social Story 10pts.
- Instructional Material 20pts.
- Comprehension Activity 15pts.

Course Participation (25 pts.)
Each student is expected to participate in course discussions and activities and to complete all assignments as directed. Students are expected to be respectful and refrain from private conversations. Refer to Course Policies for additional information.

Each student is expected to come to class prepared. All readings/assignments are to be completed and cell phones are to be silenced. No reading or composing texts. No laptops. If you need to use a laptop for note-taking, please see the instructor.

Late assignments will not be accepted without prior approval from the instructor. Late assignments, if accepted, must be received within one week of the assigned due date. Late assignments will incur an automatic point deduction of one letter grade.

During class sessions, students will be expected to use language consistent with IDEA (emphasizing “person-first” language). Person first language is also to be used in all assignments for this course. Not using the correct terminology will affect your participation/assignment grade.

X. Course Schedule and Policies

Tentative Course Schedule: See attached.

Attendance Policy
Attendance is expected. Due to the nature of this course, participation is critical. Please arrive to class on time and be prepared to stay until the class is dismissed. Arriving late or leaving early twice during our course (any combination), will count as an absence. More than one (1) unexcused absence may result in a lower letter grade. If you miss a class, it is your
responsibility to check in with a classmate for notes, materials and other information you have missed. Please note: There are no extra credit opportunities in this class.

Excused absences are limited to participation in a TAMUCC sanctioned event or participation in a religious holy day as outlined in the University catalog. Any assignment, quiz, or test missed due to a TAMUCC sanctioned event must be completed prior to the absence.

**Student Conduct**
Professional behavior is expected of all students. Inappropriate class conduct (cursing, disruption, sidebar conversations, etc.) may result in a reduced final grade or failure of the course. All cell phones will be turned off or to the inaudible mode during class. Do not answer a call during class. Do not read or compose texts during class. Do not leave the classroom to answer a call, unless you anticipate an emergency call and warn me prior to class.

**Americans with Disabilities Act (ADA)**
The ADA is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disability. If you believe you have a disability requiring an accommodation, please call or visit Disability Services at (361) 825-5816 in CCH 116.

If you are a returning veteran and are experiencing cognitive and/or physical access issues in the classroom or on campus, please contact the Disability Services office for assistance at (361) 825-5816.

**Grade Appeals**
As stated in University Rule 13.02.99.C2, Student Grade Appeals, a student who believes that he or she has not been held to appropriate academic standards as outlined in the class syllabus, equitable evaluation procedures, or appropriate grading, may appeal the final grade given in the course. The burden of proof is upon the student to demonstrate the appropriateness of the appeal. A student with a complaint about a grade is encouraged to first discuss the matter with the instructor. For complete details, including the responsibilities of the parties involved in the process and the number of days allowed for completing the steps in the process, see University Rule13.02.99.C2, Student Grade Appeals, and University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures. These documents are accessible through the University Rules Web site at [http://www.tamucc.edu/provost/university_rules/index.html](http://www.tamucc.edu/provost/university_rules/index.html). For assistance and/or guidance in the grade appeal process, students may contact the Office of Student Affairs.

**Academic Honesty**
University students are expected to conduct themselves in accordance with the highest standards of academic honesty. Academic misconduct for which a student is subject to penalty includes all forms of cheating, such as illicit possession of examinations or examination materials, forgery, or plagiarism. (Plagiarism is the presentation of the work of another as one’s own work.)

Disciplinary action for academic misconduct is the responsibility of the faculty member assigned
to the course. The faculty member is charged with assessing the gravity of any case of academic dishonesty, and with giving sanction to any student involved. Penalties that may be applied to individual cases of academic dishonesty include one or more of the following:

1. Written reprimand;
2. Requirement to re-do work in question;
3. Requirement to submit additional work;
4. Lowering of grade on work in question;
5. Assigning grade of “F” to work in question;
6. Assigning grade of “F” for course;
7. Recommendation for more severe punishment.

If the faculty member determines that assigning a grade of “F” to the course is the appropriate penalty and this disciplinary action occurs prior to the deadline for dropping courses, the student forfeits his/her right to drop the course in question.

The faculty member may file a record of cases of academic dishonesty, including a description of the disciplinary action taken, along with any materials involved, with his or her college dean and the Office of Student Affairs. The office of the academic dean of the college in which the offense took place will maintain records of all cases of academic dishonesty reported for a period of not more than two years.

**XI. Textbook**

**XII: Bibliography**
The knowledge base that support course content and procedures include, but is not limited to, the following:


The following professional organizations and their respective publications are important resources for specialists in the disability field:

Council for Exceptional Children

- Division for Physical and Health Disabilities
- Council of Administrators of Special Education
- Council for Children with Behavioral Disorders
- Division on Developmental Disabilities
- Division for Communicative Disabilities and Deafness
- Division for Learning Disabilities
- Division on Visual Impairments
- The Association for the Gifted
- Teacher Education Division
- Division for Early Childhood
- Council for Educational Diagnostic Services
- Technology and Media Division
- Division on Career Development and Transition
- Division for Research
- Division for Culturally & Linguistically Diverse Exceptional Learners

TASH
**PROFESSOR:**  Dr. Karen McCaleb, FC 229, Office Phone 361-825-2449,  
Fax 361-825-6076  
**EMAIL:**  karen.mccaleb@tamucc.edu  
**OFFICE HOURS:**  Monday & Tuesday, 1-4pm  
**COURSE:**  SPED 5320 Applications of Learning Principles

This class meets Tuesday, 7:00pm – 9:20pm.

**Tentative Class Schedule**

<table>
<thead>
<tr>
<th>Date</th>
<th>Class Topics</th>
<th>Reading Assignment Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tues., Jan. 17</td>
<td>Introduction</td>
<td></td>
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<tr>
<td>Jan. 24</td>
<td>Autism &amp; ABA</td>
<td>C. 1&amp;2</td>
</tr>
<tr>
<td>Jan. 31</td>
<td>Discrete Trial Training (DTT)</td>
<td>C. 3</td>
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<tr>
<td>Feb. 7</td>
<td>DTT</td>
<td>DTT Lessons</td>
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<td>Feb. 14</td>
<td>Naturalistic/Milieu Training</td>
<td>C. 4</td>
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<td>Feb. 21</td>
<td>Ecological Inventory, Discrepancy Analysis, Task Analysis</td>
<td>Assigned Reading</td>
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<tr>
<td>Feb. 28</td>
<td>Quiz</td>
<td>Quiz</td>
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<td>Mar. 6</td>
<td>Visual Supports &amp; Communication PECS</td>
<td>C. 5</td>
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<td>Assigned Reading</td>
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<tr>
<td>Mar. 13</td>
<td>Spring Break</td>
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<tr>
<td>Mar. 20</td>
<td>Visual Supports</td>
<td>Visual Supports</td>
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<td>Mar. 27</td>
<td>Curriculum</td>
<td>Assigned Reading</td>
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<tr>
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<td>Assignment: TEKS, STAAR-ALT Essence Statements</td>
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<tr>
<td>April 3</td>
<td>Communication / Behavior Social Stories/Scripts</td>
<td>C. 9</td>
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<td></td>
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<td>Assigned Reading</td>
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<tr>
<td>April 10</td>
<td>Social Stories</td>
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<td>TEK activity</td>
<td>TEA ppt.</td>
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<td>Digital Book Assignment &amp; Activity</td>
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<tr>
<td>May 1</td>
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<td>Digital Book Assignment &amp; Activity</td>
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<tr>
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