

# COURSE DESCRIPTIONS

## COURSE NUMBERS

The course-numbering system indicates the college level at which courses are normally taken.

### NUMBERING SYSTEM GUIDE

|         |   |
|---------|---|
| 001-009 | precollege course-no credit                     |
| 010-099 | credit granted but not applicable to graduation |
| 100-199 | primarily for first-year students               |
| 200-299 | primarily for second-year students              |
| 300-499 | primarily for upper division students           |
| 500-599 | graduate courses                                |
| 600-799 | doctorate courses                               |

At the end of each description, course credits are listed. Courses with variable hours and credits are so indicated.

## EDUC – EDUCATION

Current clearances (PA Criminal Clearance, PA Child Abuse Clearance, FBI Criminal Record Check) must be on file in the University's School of Education Office.

### **EDUC 101 Technological Literacy for Education for the 21<sup>st</sup> Century** **3 credits**

This course is designed to be a hands-on, interactive technology course that will allow students to use technology that is found in our global society and to improve their future professional practice. Through group projects, individual presentations, and an e-portfolio, students will learn how technology can increase collaboration, communication, creativity and divergent thinking. Students will locate and use content-related technology resources.

### **EDUC 105 CTE Introduction to Teaching** **3 credits**

This course is an overview course for the Career Technical Teaching program in which students are introduced to the philosophy for preparing highly effective teachers. Students will begin to identify components of state standards, evidence-based curriculum, classroom materials and teaching resources. This introductory course will also review general education topics and provide an overview of the history and current trends in vocational education.

### **EDUC 106 CTE Classroom Management** **3 credits**

This course is designed to equip educators with the skills and knowledge necessary to effectively manage Career and Technical Education (CTE) classrooms. Focused on fostering a productive and engaging learning environment, the course covers a wide range of strategies and best practices tailored to the unique challenges of CTE settings, including psychological and development needs of adolescent learners. Participants will explore techniques for creating a positive classroom culture, managing student behavior, organizing classroom spaces, and integrating technology. Special attention will be given to promoting safety, inclusivity, and collaboration within diverse learning environments.

### **EDUC 107 CTE Differentiated Instructional Methods** **3 credits**

This course focuses on effective differentiated instruction in Career and Technical Education (CTE) classrooms. Emphasizing the emotional and intellectual characteristics of young adults, the course covers key strategies for adapting and implementing instructional methods to meet the diverse needs of learners. Participants will learn to modify instructional resources and develop inclusive teaching practices that promote success for all students in CTE settings.

### **EDUC 108 CTE Assessment Strategies** **3 credits**

This course will develop and refine student's abilities to plan and modify instruction in Career and Technical Education (CTE) classrooms based on the assessment components in a standards-aligned system. Students will learn to use multiple sources of data for decision-making and monitoring students' growth and development. With an emphasis on the fundamentals of measurement, the course covers both formal and informal assessment methods, identification of appropriate materials for vocational education, and techniques for adjusting instruction based on assessment data. Participants will also learn how to provide meaningful and effective feedback to support student learning and achievement.

**EDUC 109 CTE Instructional Planning****3 credits**

This course focuses on comprehensive instructional planning in Career and Technical Education (CTE) settings. Emphasizing the integration of general and vocational curriculum approaches, the course covers essential topics such as alignment with Pennsylvania Academic Standards, effective communication, and collaboration with colleagues. Participants will learn to develop comprehensive instructional plans that promote student success and prepare them for career and technical pathways.

**EDUC 110 CTE Content Literacy****3 credits**

This course is designed to provide educators with the knowledge and skills needed to enhance content literacy in Career and Technical Education (CTE) classrooms. Focusing on the integration of strategies within technical instruction, the course covers key areas such as production skills, principles of technology, risk management, financing, product planning, technology utilization, and state standards. The course will also provide an overview of professional organizations, literature, and student organizations. Participants will learn to develop and implement effective instructional strategies that promote student understanding and application of technical content, preparing them for successful careers in vocational education.

**EDUC 150 Introductions to the Teaching Profession****3 credits**

This course is an overview course in which students are introduced to the philosophy for preparing highly effective Pennsylvania teachers. At the beginning of the semester students will obtain all clearances as required by the Pennsylvania Department of Education, so that by the end of the semester, students are able to begin their required observation experiences. During the semester students will begin to understand how the components of: instruction, state standards, standards-based curriculum, materials and resources for instruction and appropriate interventions all lead to highly effective classroom instruction.

**EDUC 200 CTE Learners with Diverse Needs****3 credits**

This course examines effective strategies and best practices for supporting learners with diverse needs in Career and Technical Education (CTE) environments, with a particular emphasis on English Language Learners (ELLs). Participants will explore the intersection of cultural, linguistic, and academic diversity in CTE classrooms and develop the skills necessary to create inclusive, equitable, and responsive learning environments. The course emphasizes the use of differentiated instruction, culturally relevant teaching practices, and targeted accommodations to overcome language barriers, foster student engagement, and promote both academic and technical skill development for ELLs. Additionally, the course highlights the importance of collaboration with families, communities, and support staff to ensure the success of all learners, fostering a holistic approach to student achievement.

**EDUC 201 CTE Student Wellness and Resilience****3 credits**

This course focuses on fostering wellness and resilience among students in Career and Technical Education (CTE) programs through a trauma-informed lens. Participants will examine the physical, emotional, and social challenges students often encounter, including the impact of trauma and long-lasting mental health symptoms. The course will explore how mental health influences learning and provide strategies to recognize signs of distress while implementing supportive practices. Emphasis will be placed on the critical role educators play in creating safe, supportive, and mentally healthy learning environments. Participants will learn to integrate Social-Emotional Learning (SEL) activities, trauma-informed strategies, and educator self-care practices to sustain their own well-being. By the end of the course, educators will be equipped to lead wellness initiatives, collaborate with families and community resources, and empower students with essential coping mechanisms, self-advocacy skills, and a growth mindset for personal and professional success.

**EDUC 205 CTE Math for Educators****3 credits**

This course empowers Career and Technical Education (CTE) educators with the knowledge and strategies to seamlessly integrate mathematical concepts into their technical curricula. Participants will explore the vital connections between CTE disciplines and foundational math principles, with a focus on practical, real-world applications. Key topics include identifying essential math skills for various CTE fields, designing lessons that align with both academic standards and industry needs, and using hands-on activities to enhance student understanding. The course aims to build educators' confidence in teaching math within a technical context, promote interdisciplinary learning, and help students master the math skills required for career readiness and technical proficiency. By the end of the course, participants will be equipped to create engaging, math-infused instructional experiences that bridge the gap between academic and technical learning, preparing students for success in the workforce.

**EDUC 206 CTE Inquiry Based Learning****3 credits**

This course delves into the principles and practices of inquiry-based learning within Career and Technical Education

(CTE), with a particular emphasis on integrating STEM (Science, Technology, Engineering, and Mathematics) concepts. Participants will explore strategies to foster curiosity, critical thinking, and problem-solving skills through engaging, student-centered, hands-on learning experiences. Key topics include designing inquiry-driven projects, incorporating STEM principles into CTE pathways, and utilizing real-world problems to inspire meaningful exploration and innovation. The course also emphasizes aligning inquiry-based approaches with industry standards and career readiness goals, ensuring that students are equipped to apply STEM knowledge and skills in both technical and professional contexts. By the end of the course, participants will be able to create dynamic learning environments that promote active inquiry and prepare students for success in their careers.

**EDUC 207 CTE Psychology of Learners**

**3 credits**

This course explores psychological principles and theories essential for supporting learners in Career and Technical Education (CTE), with a focus on students with disabilities. Participants will examine motivation, cognitive skill development, learning preferences, and the impact of social-emotional factors on student performance. Special emphasis is placed on implementing positive behavioral interventions, utilizing diagnostic, formative, and summative assessments, and applying evaluation data to develop and implement Individualized Education Programs (IEPs). The course also covers literacy development and instruction in both core and intervention areas, equipping educators with strategies to enhance reading and comprehension skills. Educators will learn to create inclusive, engaging learning environments that foster self-efficacy, resilience, and a growth mindset, preparing students for academic success and career readiness.

**EDUC 208 CTE Composition and Communication**

**3 credits**

This course is designed to enhance the writing and communication skills critical for success in Career and Technical Education (CTE) fields. Participants will explore effective strategies for teaching technical writing, professional correspondence, and industry-specific documentation to strengthen students' career readiness. Key topics include crafting clear and impactful resumes, reports, and presentations, as well as developing communication skills essential for collaborative and professional settings. The course emphasizes aligning writing instruction with industry standards and technical requirements, ensuring that students are equipped to communicate confidently and effectively in the workplace. By the end of the course, participants will be prepared to support students in mastering the communication skills needed to thrive in their careers.

**EDUC 209 CTE Technological Applications and Trends**

**3 credits**

This course explores current and emerging technological innovations in Career and Technical Education (CTE), with a primary focus on integrating artificial intelligence (AI) tools to transform teaching and learning. Participants will examine trends in educational technology, critically evaluate AI-powered tools for instructional and administrative purposes and develop strategies to prepare students for the dynamic demands of a rapidly evolving workforce. Key topics include utilizing AI to personalize learning experiences, enhance student engagement, streamline assessments, and build technical proficiency with industry-relevant tools. The course also emphasizes ethical considerations, promoting equitable access to technology, and empowering educators to guide students in the responsible and informed use of AI. By the end of the course, participants will be equipped to leverage AI and other emerging technologies to enrich CTE programs and support student success in both academic and professional contexts.

**EDUC 210 Introduction to Teaching in the Residency Program**

**3 credits**

This course is an overview course for the Residency Program in which students are introduced to the philosophy for preparing highly effective teachers. Students will begin to identify components of state standards, evidence-based curriculum, classroom materials and teaching resources for purposeful lesson planning, building a positive classroom environment, instructional delivery and demonstrating professionalism.

**EDUC 211 CTE Curriculum Design and Implementation**

**3 credits**

This course explores advanced strategies for curriculum development in career and technical education. Emphasis is placed on aligning curricula with industry standards, integrating technology, and creating interdisciplinary connections. Teachers will learn to design comprehensive CTE programs that meet the diverse needs of students while adhering to state and national standards.

**EDUC 212 CTE Program Evaluation and Improvement**

**3 credits**

This course provides teachers with the tools and methodologies needed to evaluate the effectiveness of their CTE programs. Topics include program review processes, stakeholder feedback, continuous improvement models, and the use of data to make informed decisions about program enhancements.

**EDUC 213 CTE Industry Partnerships**

**3 credits**

This course focuses on developing and maintaining strong partnerships with industry and creating meaningful work-

based learning opportunities for students. Teachers will learn how to coordinate internships, apprenticeships, and industry collaborations that provide real-world experience and enhance student employability.

**EDUC 214 CTE Leadership and Advocacy**

**3 credits**

This course prepares CTE teachers to take on leadership roles within their schools and districts. Topics include instructional leadership, advocacy for CTE programs, collaboration with industry partners, and the development of professional learning communities.

**EDUC 215 CTE Legal and Ethical Issues**

**3 credits**

This course covers the legal and ethical considerations specific to CTE, including compliance with labor laws, safety regulations, and ethical dilemmas in vocational education. Teachers will learn how to navigate these issues while maintaining a safe and equitable learning environment.

**EDUC 216 CTE Professional Teaching Practicum**

**6 credits**

This course encourages CTE teachers to engage in ongoing professional development and lifelong learning. Topics include identifying professional growth opportunities, participating in professional organizations, and staying current with industry trends and educational research.

**EDUC 220 Family and Community Diversity**

**3 credits**

This course will provide teacher candidates with methods and strategies for creating a positive, inclusive learning environment that addresses the various cognitive, affective and developmental needs of diverse learners. Cultural, racial, and ethnic issues will be explored as they relate to the needs of school aged students. Students will review strategies for building positive relationships with diverse families and communities and learn how to develop working relationships with key community organizations related to cultural diversity to enhance children's educational outcomes. Prerequisite: EDUC 150.

**EDUC 222 Assessment and Adaptation**

**3 credits**

This course focuses on the development of children through the selection and use of formal and informal assessment and development of the student's observational skills of diverse academic levels, including children with special needs. Special emphasis is placed on authentic assessment, lesson planning and related standards as outlined by the Pennsylvania Department of Education Academic Standards. Classroom observations are required. Prerequisite: HUMA 150 or EDUC 150.

**EDUC 228 Educational Psychology**

**3 credits**

This course will assist students in better understanding the role that psychological and educational theories play in understanding human learning and human behavior. Prime emphasis will be placed on the role that psychological processes such as cognitive development, individual and group differences, motivation, psycho-social development and metacognition play in the functioning of humans in everyday settings and circumstances. Each student will be challenged to make connections between the various psychological theories studied in this course and their own personal and professional interests. As such, an interdisciplinary approach to educational psychology will be utilized.

**EDUC 250 Working with English Language Learners**

**3 credits**

This course is designed to introduce the special considerations for working with English Language Learners given their unique cultural, linguistic, instructional and assessment needs. An understanding of who these students are, how to provide appropriate interventions for them and an in-depth look at the Pennsylvania ELL Standards correlation to other content areas will be included. The study will focus on linking research to practice and provide information that will be useful for working with this special population as the fastest growing student group in US schools.

**EDUC 251 Arts and Music in Teaching**

**3 credits**

In this course, students will be able to articulate priorities for high quality, meaningful arts experiences across a human development continuum. Emphasis will be on integrated arts approach utilizing the Literary Arts (Literature and Poetry), Music (Instruments and Singing), Drama and Storytelling, Dance and Creative Movement, Visual Arts, and Eurhythmics. Special attention will be given to the arts supporting physical, affective, and cognitive development. This course is designed to provide students with a variety of learning experiences including, but not limited to: lecture, group discussions and projects, artist presentations, article reviews, and experiential learning experiences such as direct exposure to varied arts media, observations, museum and school visits.

**EDUC 252 Children's Literature**

**3 credits**

The course emphasizes human communications and creative techniques for developing the skills of speaking, listening,

reading, and writing. Special attention is given to such areas as creative storytelling, sequence of language development, language stimulation, mass media, dramatic interpretation, applied and performing arts and poetry. Students in this course will read a variety of classic and contemporary children's literature. These genres will include traditional literature (folktales, fables, fairy tales, myths, legends), novels, picture books, modern fantasy, poetry, contemporary realistic fiction, historical fiction, biographies, and informational books.

**EDUC 302 Reading Methods I**

**3 credits**

This is the first of two courses that is designed to develop competencies necessary to understand and foster emergent literacy and language arts skills in Pre-K through Grade 2. Special attention is given to such areas as sequence of language development, language stimulation, and the components of reading. Topics covered emphasize the development of meaningful language and literacy experiences using a variety of text and other media that support integrating reading and writing, content area learning, vocabulary development, and reading comprehension for the diverse needs and abilities of students. Observations and field experiences are required. Prerequisite: Current Clearances, EDUC 150, EDUC 222, and EDUC 252.

**EDUC 303 Reading Methods II**

**3 credits**

This is the second of two courses that is designed to develop competencies necessary to understand and foster emergent literacy and language arts skills in Grades 3 through 5. Special attention is given to such areas as phonemic awareness, phonics, vocabulary, comprehension, and fluency. Topics covered emphasize the development of meaningful language and literacy experiences using a variety of text and other media that support integrating reading and writing, content area learning, vocabulary development, and reading comprehension for the diverse needs and abilities of students. Practical application of researched theories and methodologies through observation and field experiences are required. Prerequisite: Approved Application to the School of Education and EDUC 302.

**EDUC 305 Methods of Mathematics I**

**3 credits**

This course provides teacher candidates with methods and current strategies in teaching mathematics in preschool through Grade 2. The candidates will recognize constructivist theories, as well as informal and formal methodologies and assessments. Students will demonstrate their ability to prepare, select and use materials and instructional approaches to construct unit plans and demonstration lessons. Field placement activities are required. Prerequisite: Current Clearances, EDUC 150, EDUC 222, and at least 3 credits of Math.

**EDUC 308 Teaching Social Studies**

**3 credits**

Innovative techniques for an interdisciplinary approach to the teaching of social sciences will be addressed in this course. Special attention is given to anti-biased curriculum. Presentation through developmentally appropriate materials and resources is examined. A six-session guided field experience is an integral part of this course. Prerequisites: Approved application to the School of Education and HIST 382 and POLS 102.

**EDUC 310 Teaching Science and Health**

**3 credits**

This course provides teacher candidates with methods and current strategies in teaching science and health for school aged children. Students will demonstrate their ability to prepare, select and use materials and instructional approaches appropriate to diverse needs and abilities of students. Unit plans, demonstrations and field placement activities are required. The course will also connect students to the professional community of science education professionals and resources. Prerequisites: NSET 110, NSET 111 and Approved Application to the School of Education.

**EDUC 315 Methods of Mathematics II**

**3 credits**

This course is a continuation of EDUC 305 – Methods of Mathematics I. It will focus on content as well as pedagogy appropriate for children in Grades 3 through 6. The candidates will review their own mathematics skills while researching, preparing unit plans and demonstration lessons. These activities will be developed in accordance to the National Council of Teachers of Mathematics as well as Pennsylvania State Standards. Emphasis will be placed on connections within the subject of mathematics, among other academic areas as well as real life situations. Field placement activities are required. Prerequisites: Approved Application to the School of Education.

**EDUC 317 Methods of Teaching Dance**

**3 credits**

Teaching Dance Methods PreK-12 is designed for preparing undergraduate students to teach dance education. Students will learn a conceptual and comprehensive model of dance education that embraces dance as an art form and a lifelong physical activity. Students will gain the tools they need to teach various dance forms, create effective lesson and unit plans, and develop a curriculum that meets arts and education standards. Integrating the theories of multiple intelligences with learning styles, students will learn a variety of techniques to be able to differentiate instruction to meet the needs of PK-grade 12 students. Students will utilize the Charlotte Danielson Framework for Teaching to best design

their lessons.

**EDUC 321 Literacy and Learning in Middle and Secondary School**

**3 credits**

Designed to integrate reading as part of any content area. Provides all secondary teachers with skills necessary to teach reading comprehension and to identify reading problems. Prerequisite: Approved application to School of Education.

**EDUC 330 Educational Theories and Practices**

**3 credits**

This course will introduce the student to the diverse philosophical models and learning theories of early education such as Montessori, Reggio, High Scope and Waldorf. Attention is given to enriching the curriculum with the best of current practices. Practical application of researched theories and methodologies through observation and field experiences are included. Prerequisite: Approved Application to the School of Education.

**EDUC 335 Program Development, Leadership, and Organizational Change**

**3 credits**

This course will provide an in-depth review of the organizational structure, regulations and professional society expectations. Special attention is given to analyzing and applying skills that demonstrate effective leadership and appropriate advocacy within the field of early education. Developmentally appropriate practice is emphasized through the examination of state and federal early childhood programs such as: Keystone STARS, Head Start, Even Start, Child Care, and Pre-K Counts. Prerequisites: Approved Application to the School of Education.

**EDUC 401 Differentiated Reading for the Developing Child**

**3 credits**

This course will develop competencies necessary for the teaching of reading in Pre-K through Grade 5. Various approaches and strategies for teaching reading, language arts, and the writing process are reviewed, analyzed, and evaluated. Grade-appropriate units and supporting lessons are created. Practical application of researched theories and methodologies through a guided pre-student teaching field experience is required. Prerequisites: Approved Application to the School of Education.

**EDUC 411 Integrating Curriculum and Instruction**

**3 credits**

This course will focus on the planning, creation and adaptation of a developmentally supportive learning environment with special attention given to the interaction of curriculum, teaching practices, learning materials and the learning environment. Emphasis is placed on creating and adapting integrated developmentally appropriate experiences for the developing child as defined by the National Association for the Education of Young Children. Guided pre-student teaching experiences are an integral part of this course. Prerequisites: Approved Application to the School of Education.

**EDUC 415 Teaching in Secondary School**

**3 credits**

Methods and current practices in the teaching of mathematics, science, social sciences, and English/communications to address classroom settings. Lesson planning, unit development, and viable presentations of interactive lessons, including authentic assessment tools for the specific content area. Emphasizes classroom management, special needs students, and daily teaching strategies. Field experiences are to be completed in a secondary setting, where teaching of a specific content can be observed. Prerequisite: Approved application to Education Department; for students who will be student teaching in the next semester.

**EDUC 422 Data Driven Instruction**

**3 credits**

This course will develop and refine students' abilities to plan and modify instruction based on the assessment components in a standards-aligned system. Students will learn to use multiple sources of data for decision-making and monitoring students' growth and development. Students will develop proficiency in the administration and interpretation of diagnostic, formative, summative and authentic assessments and review strategies related to the utilization of various screening tools for identifying children needing additional interventions. Prerequisites: Approved Application to the School of Education and EDUC 222.

**EDUC 425 Student Teaching Practicum**

**12 credits**

Each student will be placed in an appropriate certification site for 15-weeks. Students are also required to participate in seminar during the student teaching experience. The seminar portion of the semester will include the compilation of a professional portfolio that reflects the diverse strategies, methodologies, practices and realities of teaching in their host schools. Prerequisites: Approved application to the School of Education; successful completion of all observation and field experiences; 3.00 GPA; completion of all PRAXIS exams required for PDE certification; negative TB test; current clearances as required by PDE.

**EDUC 432 Student Teaching Seminar**

**3 credits**

Senior seminar course for all education majors accomplishing their student teaching practicum. Students compile a

professional portfolio that reflects the diverse strategies, methodologies, practices, and realities of teaching in their host schools. Current educational issues and problems discussed and documented. Reflective journal maintained noting how best to translate skills, knowledge, and educational theory into successful practice in the school setting. Co-requisite: School Teaching Practicum and school site internship.

**EDUC 434 Student Teaching I**

**3 credits**

Each student will be placed in an appropriate certification site to complete 160 hours of student teaching. Students will reflect on the diverse strategies, methodologies, practice, and realities of teaching in their host schools. Students are required to demonstrate competency across planning, classroom environment, instruction, and professionalism.

**EDUC 435 Student Teaching II**

**3 credits**

Each student will be placed in an appropriate certification site to complete 260 hours of student teaching. Students will reflect on the diverse strategies, methodologies, practices, and realities of teaching in their host schools. Students are required to demonstrate competency across planning, classroom environment, instruction, and professionalism.

**EDUC 450 Advanced Seminar: Instructional Studies**

**6 credits**

This six-credit senior seminar is offered to those undergraduate students nearing graduation. During this semester, the student will make connections between the academic learning of the program and the professional world. Opportunities will be presented in which the student can summarize, evaluate, and integrate some or all of their major academic course work into a professional experience. At the completion of the semester, the production and presentation of a professional portfolio of academic achievements will be required.

**EDUC 194, EDUC 294 Special Topics**

**3 credits**

**EDUC 295, EDUC 395, EDUC 495 Special Topics in Education I, II, III**

**1-6 credits**

**EDUC 296, EDUC 396, EDUC 496 Independent Study in Education I, II, III**

**1-6-credits**

**SPED – SPECIAL EDUCATION**

**SPED 180 Special Education and Inclusive Practices**

**3 credits**

This introductory course will provide the student with an overview of the field of special education with emphasis on the evolution of special education and the legal basis for the current types of programs and services delivered to students with disabilities. Students will learn about the various categories of disabilities and the impact of these on the educational programs of special needs students. Students will examine instructional and behavioral strategies that promote positive learning experiences for students with disabilities. Observations of students with disabilities in a variety of educational settings and service delivery models will be required. Interaction will take place with special education professionals who are currently working with and delivering services to students with disabilities in various school settings. Prerequisite: Current clearances as required by PDE.

**SPED 220 Instructional/Assistive Technology and Universal Design**

**3 credits**

This introduction to Assistive and Instructional Technologies will explore the use of a wide range of technology tools that can be utilized to meet the academic and communicative needs of students with special needs and abilities. Students will discuss the legislative, education, and ethical foundations upon which assistive technology integration are grounded. Students will utilize the SETT framework and feature-match principles to identify, apply, and assess instructional and assistive technology tools for use by individual students as well as larger learner groups.

**SPED 280 Positive Behavioral Interventions and Supports**

**3 credits**

Information and practical training in the implementation of basic classroom management theories and strategies for all students, especially those with learning disabilities will be the focus of this course. Students will learn about mandates and current legislation affecting the management of all student behavior in schools. The Positive Behavioral Interventions and Support model will be studied in depth. Data-based and data-driven decision making will be emphasized. Students will also learn and practice strategies for addressing and improving school survival skills, social skills, and specific student behavior problems. Students will understand, develop and practice culturally responsive behavior strategies that promote effective communication and collaboration with students with disabilities and their families. Pre-requisite: SPED 180.

**SPED 281 High Incidence Disabilities****3 credits**

This course will provide an overview of how to teach students with high incidence disabilities. Included in this course will be a review of students who are identified as having a learning disability, a mild intellectual disability or an emotional disturbance. The definition, causes, and characteristics of each disability will be presented in order for the students to develop a thorough understanding of each disability category. In addition, the programs and services that are available for students with high incidence disabilities and the accommodations that may be necessary in order for them to learn. The importance of building family partnerships and understanding the impact this can have on a student's progress will be discussed. Consideration will be given to the role that collaboration and communication plays in the Individual Education Program (IEP) plan and the ability to successfully program for students with high incidence disability. Pre-requisite: SPED 180.

**SPED 282 Evidence Based Effective Instruction: Low Incidence Disabilities****3 credits**

This course will provide an introduction to children with physical, multiple, health and sensory disabilities and their educational implications. The material will emphasize the importance of school personnel needing to understand the student's disability in order to meet his or her unique needs and to provide an appropriate education. The students will also learn the importance of a team in order to support a student with complex disabilities as they progress through the educational system. Students with physical, health and multiple disabilities have needs that require many different types of professional expertise in order to receive an appropriate education. The students will examine the importance of teaching approaches as they relate to the education of these students. Some of the disabilities covered in this course are: cerebral palsy, traumatic brain injury and spinal cord injury, spina bifida, osteogenesis imperfecta, juvenile rheumatoid arthritis, vision loss, hearing loss, muscular dystrophy, cystic fibrosis. Treatments for the conditions will also be covered. It is important for educators to understand the different conditions and the treatments so that they are better able to work with other specialists involved with their students. The course will also introduce students to the role that families play in the education of their child. The students will also have opportunities to observe students in classrooms and in other therapeutic settings on site and through DVDs. Finally, students will interact with professionals who are currently working with children in schools and therapeutic settings. Prerequisite: SPED 180.

**SPED 194, SPED 294 Special Topics****3 credits****SPED 380 Differentiated Instructional Practices in the Inclusive Classroom****3 credits**

This course will provide information on how educators can differentiate instruction to meet the needs of their students with disabilities in the regular classroom setting. Included in this course will be a review of the components of differentiated instruction and how these components can be implemented in a regular education setting. Students will learn how to assess the learning styles and needs of their students as they acquire skills to manage a classroom where a variety of instructional strategies are used. Data-based and data-driven decision making as it relates to the teaching of academics will be included. While observing lessons in specific content areas, students will analyze instructional practices observed and determine which will be most effective for students with disabilities. Students will be required to demonstrate the strategies presented in class and apply these strategies in demonstration lessons in their areas of potential teacher certification. Prerequisite: Successful completion of six credits of SPED coursework.

**SPED 381 Secondary Transition Processes and Procedures****3 credits**

This course will provide an introduction to children with Autism Spectrum Disorder (ASD). The material will include current research on causes, characteristics, assessments and treatment of this disorder. The students will receive an overview of the information necessary for a teacher to be adequately informed if they have a student in their class with ASD. The students will also learn the importance of collaborating with other team members in order to support a student with ASD as they progress through the educational system. Areas covered include assessment, evidence based practices, applied behavioral analysis, and the importance of social skills and communication learning. Students will be introduced to the role that families play in the advocacy for their child from their input at an IEP meeting to developing support groups for other families. The students will also have opportunities to observe students with ASD in the classroom and in other therapeutic settings on site and through DVDs. Finally, students will interact with professionals who are currently working with children with ASD in school and in therapeutic/community settings.

Prerequisite: Successful completion of six credits of SPED coursework.

**SPED 382 Autism Spectrum Disorders****3 credits**

This course will provide an introduction to children with Autism Spectrum Disorder (ASD). The material will include current research on causes, characteristic, assessment and treatment of this disorder. The students will receive an overview of the information necessary for a teacher to be adequately informed if they have a student in their class with ASD. The students will also learn the importance of collaborating with other team members in order to support a student with ASD as they progress through the educational system. Areas covered include assessment, evidence-based practices, applied

behavioral analysis, and the importance of social skills and communication learning. The students will also have the opportunities to observe students with ASD in the classrooms and in other therapeutic settings on site and through DVDs. Finally, as a part of the student depth case study of one student diagnosed on the autism spectrum focusing on the effective instructional practices, behavioral and communication supports, and assistive technology as identified in the child's individualized Education Program (IEP) plan.

**SPED 432 Student Teaching Seminar**

**3 credits**

Senior seminar course for all education majors accomplishing their student teaching practicum. Students compile a professional portfolio that reflects the diverse strategies, methodologies, practices, and realities of teaching in their host schools. Current educational issues and problems discussed and documented. Reflective journal maintained noting how best to translate skills, knowledge, and educational theory into successful practice in the school setting. Co-requisite: School Teaching Practicum and school site internship.

**SPED 434 Student Teaching I**

**3 credits**

Each student will be placed in an appropriate certification site to complete 160 hours of student teaching. Students will reflect on the diverse strategies, methodologies, practice, and realities of teaching in their host schools. Students are required to demonstrate competency across planning, classroom environment, instruction, and professionalism.

**SPED 435 Student Teaching II**

**3 credits**

Each student will be placed in an appropriate certification site to complete 260 hours of student teaching. Students will reflect on the diverse strategies, methodologies, practices, and realities of teaching in their host schools. Students are required to demonstrate competency across planning, classroom environment, instruction, and professionalism.

**SPED 481 Intensive Reading, Writing, and Math Interventions**

**3 credits**

This course provides a brief introduction to data collection and effective practices. These assessments help special education teacher candidates understand students in different ways and focus their instruction on effective practices that can be measured and monitored. More in-depth attention will be given to Progress Monitoring/Formative Assessments. Progress monitoring data is crucial to the efficient and effective use of classroom time. Teacher candidates will learn to use ongoing progress monitoring assessment s to see if their instruction is having the desired effect and make instructional adjustments as needed. Students will learn to monitor progress through group tests, running records, anecdotal notes, or other observation formats. Students will examine and apply how to use data collection at the primary, secondary, and tertiary levels and connect these effective practices, assess these practices and make modifications in order to monitor and assess for best results. Prerequisite: Successful completion of six credits of SPED coursework.