DEPARTMENT OF TEACHER EDUCATION

College of Education

Christopher Knoell, Ph.D., Department Chair - knoellcm@unk.edu

Dawn Mollenkopf, Ph.D., Graduate Program Committee Chair - mollenkopfdl@unk.edu

Sarah Bartling, Online Program Coordinator for Teacher Education - (308) 865-8513, teacheredonline@unk.edu

Bethany Johnson, Transitional Certification Program Office Associate - (308) 865-8512

Teacher Education is part of the Master of Science in Education Degree in Science/Math Education (http://catalog.unk.edu/graduate/departments/science-math-education-program).

Master of Arts in Education

• Curriculum and Instruction - Master of Arts in Education Degree (http://catalog.unk.edu/graduate/departments/teacher-education/curriculum-instruction-mae)
  • Early Childhood Education Concentration (http://catalog.unk.edu/graduate/departments/teacher-education/curriculum-instruction-mae/#requirementstext)
  • Elementary Education Concentration (http://catalog.unk.edu/graduate/departments/teacher-education/curriculum-instruction-mae/#requirementstext)
  • Reading/Special Education Concentration (http://catalog.unk.edu/graduate/departments/teacher-education/curriculum-instruction-mae/#requirementstext)
  • English as a Second Language Concentration (http://catalog.unk.edu/graduate/departments/teacher-education/curriculum-instruction-mae/#requirementstext)
  • Secondary Education Concentration (http://catalog.unk.edu/graduate/departments/teacher-education/curriculum-instruction-mae/#requirementstext)
  • Instructional Effectiveness Concentration (http://catalog.unk.edu/graduate/departments/teacher-education/curriculum-instruction-mae/#requirementstext)
  • Transitional Certification Concentration (http://catalog.unk.edu/graduate/departments/teacher-education/curriculum-instruction-mae/#requirementstext)
  • STEM (Science, Technology, Engineering and Math) (https://nextcatalog.unk.edu/graduate/departments/teacher-education/curriculum-instruction-mae/#stem)

• Reading PK-12 (http://catalog.unk.edu/graduate/departments/teacher-education/reading-pk-12-mae) - Master of Arts in Education Degree

• Special Education (http://catalog.unk.edu/graduate/departments/teacher-education/special-education-mae) - Master of Arts in Education Degree
  • Gifted Emphasis (http://catalog.unk.edu/graduate/departments/teacher-education/special-education-mae/#requirementstext)

• Advanced Practitioner Emphasis (http://catalog.unk.edu/graduate/departments/teacher-education/special-education-mae/#requirementstext)

• Special Education Emphasis (http://catalog.unk.edu/graduate/departments/teacher-education/special-education-mae/#requirementstext)

Master of Science in Education

• Instructional Technology (http://catalog.unk.edu/graduate/departments/teacher-education/instructional-technology-mse)
  - Master of Science in Education Degree
  • Instructional Technology Concentration (http://catalog.unk.edu/graduate/departments/teacher-education/instructional-technology-mse/#requirementstext)
  • Leadership in Instructional Technology Concentration (http://catalog.unk.edu/graduate/departments/teacher-education/instructional-technology-mse/#requirementstext)
  • School Librarian Concentration (http://catalog.unk.edu/graduate/departments/teacher-education/instructional-technology-mse/#requirementstext)
  • Information Technology Concentration (http://catalog.unk.edu/graduate/departments/teacher-education/instructional-technology-mse/#requirementstext)

Post-Baccalaureate Transitional Certification Program (http://catalog.unk.edu/graduate/departments/teacher-education/post-baccalaureate-transitional-certification-program)

Graduate Faculty

Professor: Scott Fredrickson, Kathleen Gallagher, Jane Strawhecker

Associate Professor: Sherry Crow, Christopher Knoell, Carrie Kracl, Jeff Kritzer, Jude Matyo-Cepero, Wendy McCarty, Dawn Mollenkopf, Glenn Tracy, Jane Ziebarth-Bovill

Assistant Professor: Martonia Gaskill, Dena Harshbarger, Phu Hoang Vu, Linda Lilienthal, Brian Wojcik

Graduate Program Committee

Mollenkopf (Chair), Fredrickson, Gaskill, Hansen, Harshbarger, Lilienthal, Wojcik
Teacher Education (TE)

**TE 800 – Education Research  3 credit hours**
This introductory web-based course in educational research focuses on evaluating and interpreting educational research and applying its findings to educational practice. The course will provide opportunities for students to (a) define and differentiate between and among basic, applied, and action research and explain how each contributes to practice; (b) conduct and interpret preliminary, primary, and secondary sources of research in both online and hard copy formats; (c) compare and contrast various research designs, and (d) analyze qualitative and quantitative research methodology. This will include the use of statistical techniques and conditions to describe educational phenomena and to determine the validity and reliability of research methods, case studies, critical-theory, historical, and ethnographical methodology.

**TE 801 – Teachers in Classroom Research  3 credit hours**
A survey of the systematic framework of teacher action research with emphasis on qualitative design applied in field-based inquiry. Through readings, guided experience in research, and fieldwork, students will develop competencies in conducting, evaluating, and interpreting educational research.

**TE 802 – Techniques of Research  3 credit hours**
A survey of the techniques of research with emphasis on educational applications. Students will develop competencies in conducting, evaluating and interpreting educational research.

**TE 803 – Philosophy of Education  3 credit hours**
Survey of the philosophical foundations of western culture and their relation to the development of earlier and contemporary educational philosophies.

**TE 804 – Curriculum Development in Multicultural Education  3 credit hours**
Students learn to evaluate, create, and implement multicultural lesson plans, unit plans, textbooks, curriculum guides, classroom rules and regulations, and school policies. In addition, students study diverse learning and teaching styles as well as explore the meaning and the reality of creating an environment that is conducive to and supportive of infused multicultural education.

**TE 805P – Overview of Assistive Technology  3 credit hours**
This course examines the applications of assistive technology for individuals with disabilities as it relates to teaching and learning. Existing research with students with special needs will be reviewed and new applications of existing and developing technology will be explored.

**TE 807P – Multiple Intelligences: Theories into Practice  3 credit hours**
This course is focused on practical application of the use of multiple intelligences and brain compatible approaches in the design and development of instructional activities and assessment strategies in the K-12 curriculum.

**TE 808P – Human Relations  1-3 credit hours**
This course meets the Nebraska Department of Education Human Relations requirement for certificate renewal. Participants will develop skills in guiding student learning in an environment of respect for diversity, personal values, and heritage. Total Credits Allowed: 3.00

**TE 809P – Curriculum Implementation  3 credit hours**
This course addresses the curriculum implementation process, theoretical concepts associated with the implementation process, and related implementation issues, including the contested nature of the curriculum and the relationship between curriculum and equity issues. This information is used to critique current curriculum implementation efforts in the public school setting and to develop curriculum for use in the classroom. The course includes a writing component.

**TE 810 – Design and Development of Instruction  3 credit hours**
This course focuses on the principles of instructional design and how to apply these principles in instructional development projects. The course utilizes a systems approach to the instructional design process by focusing on a series of interrelated procedures and techniques to design, develop, implement, and evaluate instruction for diverse learners. Formative and summative assessments aligned with content and technology standards and use of resulting data to inform learning and teaching will be emphasized.

**TE 812P – Alternative Assessments of Student Performance: Theory into Practice  3 credit hours**
This course provides participants with an opportunity to learn about, create, and apply alternative (authentic) assessment strategies to the K12 school setting. Key strategies to be explored include rubrics, portfolios, and the relationship/connections between alternative assessment and the Nebraska State Curriculum Standards.

**TE 813P – TESA: Teacher Expectations and Student Achievement  3 credit hours**
This course is designed to develop specific teacher skills needed to enhance learning expectations. The skills are grouped into three strands: Response Opportunities, Feedback, and Personal Regard. Grouped into these strands are 15 specific teacher competencies.

**TE 814P – Developing Capable People  3 credit hours**
This class will provide very useful and well researched strategies and concepts which will help educators assist children and teenagers to perceive themselves as more capable and significant as they improve their self-discipline, self-control, judgment, and their interpersonal skills. Improved results will be seen in classroom and/or family management, discipline, motivation, and achievement.

**TE 815P – The Effective Teacher: Enhancing Classroom Instruction  3 credit hours**
This course is designed to provide participants with research and experience based information, strategies, techniques and hands-on activities they can use to improve and enrich the quality of their teaching and to increase the probability of learning and success of their students.

**TE 816A – Practicum: Education  1-6 credit hours**
This practicum course requires, depending on the number of credit hours desired, between 40 and 240 clock hours of participation by the student in an educational setting. The specific experiences to be gained and the setting will be determined by the supervising professor and the student. Total Credits Allowed: 6.00

**TE 816B – Practicum: Reading  3 credit hours**
Students participate in supervised remedial tutoring of individual children or small groups of children having similar reading disabilities. Prerequisite: TE 845 and TE 846 or department permission
TE 816C – Practicum: Reading-Primary K-3 1 credit hour
This course focuses on the application of the newest innovations in reading and language arts instruction. This involves supervised remedial tutoring of individual children or small groups of children having similar reading disabilities. The course also provides opportunities for the student to evaluate and assess the reading problems of primary school children (K-3) and to select materials for remediation.
Prerequisite: TE 845 and TE 846

TE 816D – Practicum: Reading-Intermediate 4-6 1 credit hour
This course focuses on the application of the newest innovations in reading and language arts instruction. This involves supervised remedial tutoring of individual children or small groups of children having similar reading disabilities. The course also provides opportunities for the student to evaluate and assess the reading problems of intermediate school children (4-6) and to select materials for remediation
Prerequisite: TE 845 and TE 846

TE 816E – Practicum: Reading-Middle/Secondary 7-12 1 credit hour
This course focuses on the application of the newest innovations in reading and language arts instruction. This involves supervised remedial tutoring of individual children or small groups of children having similar reading disabilities. The course also provides opportunities for the student to evaluate and assess the reading problems of middle school/secondary students and to select materials for remediation
Prerequisite: TE 845 and TE 846

TE 816G – Practicum: Curriculum & Instruction Graduate Practicum 3 credit hours
This course focuses on the application of the knowledge and skills in the student's Curriculum and Instruction Graduate Program and Concentration Area. The course includes the development of an instructional project involving the collection and analysis of P-12 student learning data and also includes supervised teaching.

TE 817P – Foundations of Effective Instruction 2-3 credit hours
Based on the work of Dr. Madeline Hunter, this course translates instructional theory into action. It will assist teachers as they expand their competency in teaching to an objective, selecting objectives that are appropriate to individual students, monitoring learning, and adjusting instruction and teaching for retention and transfer.
Total Credits Allowed: 3.00

TE 818P – Teacher Development: Developing Independent Learners 3 credit hours
This course builds on a basic knowledge of the Instructional Theory into Practice Program to develop additional teaching skills in teaching for independent learning. The skills developed are appropriate for elementary and secondary teachers.
Prerequisite: TE 817P

TE 819P – Teacher Development Training in Service Learning 3 credit hours
Students enrolled in this online course will gain an in-depth understanding and appreciation for human service work and its importance as a teaching strategy by developing a service learning resource manual, designing curriculum instruction that integrates service learning, and by participating in online discussions about issues and topics related to service learning.

TE 820 – Teacher Leadership 3 credit hours
Effective leaders are needed in our communities, businesses, and schools, as well as in our government agencies and our social institutions if our democratic society is to meet the economic and social challenges generated from a constantly changing world. As schools continue to change and evolve to address a variety of learning, human, and community needs teachers have become instrumental in leading and managing changes in their classrooms, in their schools, and in their communities; consequently, the demands associated with teacher leadership will continue to change as well. Accordingly, the preparation of teacher leaders should focus on the development of a broadly applicable base of knowledge and skills for those serving in a variety of roles. This class is designed to assist graduate students in developing the knowledge and skills that will enable them to provide the teacher leadership our classrooms, our schools, and our communities need and deserve.

TE 825 – English Language Learners (ELL): Culture, Civil Rights, and Advocacy 3 credit hours
The purpose of this course is to provide graduate students seeking the English as a Second Language Endorsement the opportunity to explore the changing demographics underlying the presence of language minority students in the public schools, the acculturation process, the terminology of second language education, immigration issues for English Language Learners students (ELLs), and the federal and state laws that impact ELLs and their families. Special attention is given to identifying the attitudes, skills, and behaviors which the teacher needs to develop a welcoming classroom and school climate in which ELLs can learn and become a part of the community. This course will hopefully transform graduate students to act as effective advocates for ELLs in K-12 schools.

TE 826 – Content Methods & Strategies for Teaching English As A Second Language 3 credit hours
This course has been designed to present content methods and teaching strategies to promote inclusion of English Language Learners (ELLs) in regular K-12 classrooms. As a result of the No Child Left Behind Act (2001) and the school assessments which include English Language Learners, mainstream and ESL teachers face increasingly demanding accountability standards. In most cases, ELLs are tested on content areas after one year in school. In other words, ELLs can no longer be treated as invisible students. The issue of access to knowledge, one of the bedrocks in the renewed teacher education program at UNK, critical for schools facing these accountability standards. This course will also focus on the twin goals of helping ELLs learn social (BICS) and academic (CALPS) English while providing content instruction. These are daunting tasks and as any ESL teacher will tell you, these goals are not always achieved because of the many compromises forced upon students and teachers by an educational system that has traditionally not had to deal with linguistic diversity.

TE 828 – Infusing STEM in the K-8 Classroom 3 credit hours
The Infusing STEM in the K-8 Classroom course is designed to help graduate students develop their knowledge and ability to teach using STEM practices at the elementary or middle school level. The course will emphasize the rationale and techniques used to develop and implement STEM practices in grades K-8. Assignments will involve review of literature, evaluation of curricula, development of teaching activities and involvement in educational technology and its application to teaching and learning.
Prerequisite: TE 853D or TE 853F or TE 853G Recommended (one technology course) TE 886 or TE 866 or TE 878
TE 829 – Implementing Universal Design for Learning in School Settings 3 credit hours
Focus on understanding Universal Design for Learning (UDL) and how to implement it effectively to address needs associated with learner variability.

TE 831P – Professional Skills & Knowledge I 6 credit hours
This is the first course in a sequence comprising a post-baccalaureate pathway to teacher certification. This course focuses on instructional planning and assessment, with special attention to the manner in which these are informed by equity, inclusion, technology, and diversity issues. This course requires a subject-specific field experience with instructional application in an approved secondary classroom. Department Consent Required

TE 832 – Professional Skills and Knowledge II 6 credit hours
This is the second course in a sequence comprising a post-baccalaureate pathway to teacher certification. This course focuses on instructional models, validated instructional practices, and issues related to exceptionality and diversity. This course requires a subject-specific field experience in an approved secondary classroom. Department Consent Required

TE 833 – Context of Education 6 credit hours
This is the third course in a sequence comprising a post-baccalaureate pathway to teacher certification. This course addresses the historical context of education in the U.S., including class/race/gender/access issues; key legal decisions and contemporary reform agendas; adolescent development, relationships, and culture in contemporary context. This course requires a school-based field experience in an approved secondary classroom. Prerequisite: TE 832 and admission to Teacher Education Program

TE 834P – Transitional Student Teaching I 3 credit hours
This is the first of two 3-hour student teaching experiences for transitionally certified teachers, which, together with TE 835P Transitional Student Teaching II, comprise the student teaching requirement for the completion of the professional education sequence in UNK’s Teacher Education Program for the alternative pathway to 7-12 teacher certification in Nebraska in selected disciplines. TE 834P and TE 835P students are transitionally certified teachers who work full time in approved PreK-12 schools. Department Consent Required

TE 835P – Transitional Student Teaching II 3 credit hours
This is the second of two 3-hour student teaching experiences for transitionally certified teachers, which, together with TE 834P Transitional Student Teaching I, comprise the student teaching requirement for the completion of the professional education sequence in UNK’s Teacher Education Program for the alternative pathway to 7-12 teacher certification in Nebraska in selected disciplines. TE 834P and TE 835P students are transitionally certified teachers who work full time in approved PreK-12 schools. Prerequisite: TE 833 and TE 834P and admission to student teaching

TE 836P – Post-Baccalaureate Student Teaching 6 credit hours
Student teaching is the capstone experience in the teacher education process and is the culminating course for all endorsement programs. During student teaching, teacher education students spend a minimum of 16 weeks in an approved PreK-12 school to observe, participate, and teach under the supervision of an experienced teacher.

TE 845 – Contemporary Theory & Practice in Reading 3 credit hours
This course will provide students with an opportunity to investigate the theoretical background of the reading process and analyze instructional practices in developmental reading at the elementary school level.

TE 846 – Diagnosis/Correction of Reading Difficulties 3 credit hours
This course focuses on the development of an understanding of the relationship of the psychological factors and individual remedial instruction in reading. A comprehensive study is made of selected diagnostic tests and remedial procedures.

TE 847P – History and Philosophy of the Middle School 3 credit hours
This course addresses the social, political, and economic forces which accompanied the development of middle schools, along with middle school philosophy and its implications for instructional programs and practices.

TE 848 – Assessment and Remediation in Elementary School Mathematics 3 credit hours
This class will emphasize diagnosis of basic mathematics computation errors; types of errors will be illustrated, and suggested corrective procedures will be explored. Error patterns are based on incorrectly-learned mathematical concepts. The corrective procedures for developing or redeveloping those basic mathematical concepts and development of remediation materials will be taught.

TE 849P – Problem Solving in the Elementary and Middle School Classroom 3 credit hours
Topics for curriculum development include activities with hand-held calculators, number theory, geometry, new looks at old geometry problems, problem solving as a process, probability, statistics, and mathematical systems.

TE 850 – Elementary School Curriculum 3 credit hours
This course focuses on the principles and trends in elementary curriculum development and a study of the various types of curricula in the elementary school as related to organization patterns. Procedures for continuous evaluation and improvement of local elementary curricula are stressed, including administration and supervision factors and relationship to the affected areas of curriculum.

TE 851 – Principles of Early Childhood Education 3 credit hours
Acquaints students with the knowledge and skills required to develop, administer and supervise early education, childcare, and early intervention programs, serving children with and without disabilities, birth to age 8. Students will implement a strengths-based approach and apply cultural sensitivity to support families from diverse cultural, linguistic, and economic backgrounds and situations.

TE 852 – Issues and Trends in Early Childhood Education 3 credit hours
This course is designed to provide graduate students with an understanding of the political and social issues facing the early childhood field, how these are affecting systemic change, and ways to respond to those changes. Students will also examine a number of historical and current early initiatives and their effect upon young children and families, and evaluate the strengths and weaknesses of various models of early childhood programs.

TE 853A – Improvement of Instruction in Early Childhood Education 3 credit hours
This course is designed to present the most recent research literature and teaching strategies as they relate to the curriculum content advocated for young children, with and without exceptionalities, including those from low-income families or who are linguistically or culturally diverse. Students will learn to evaluate curriculum, and to design, adapt, and implement quality instruction for young children with diverse educational needs.
TE 853C – Improvement of Instruction in Elementary School Language Arts  
3 credit hours
Attention is directed to the newest innovations in language arts instruction, (reading, writing, listening, speaking) and to the selection of materials for diagnostic and instructional programs. Students will evaluate the various teaching techniques through a comparative study of current programs in elementary language arts, (Reading, writing, listening, speaking).

TE 853D – Improvement of Instruction in Elementary School Science  
3 credit hours
An examination of current literature and practices is made relative to science content, methods, and materials in elementary school science.

TE 853E – Improvement of Instruction in Elementary School Social Studies  
3 credit hours
Students completing this course will have an opportunity to examine current literature and programs in elementary social studies and to reevaluate their teaching of the social studies.

TE 853F – Improvement of Instruction in Mathematics for Grades PK-3  
3 credit hours
This course will focus on improving classroom instruction beginning in the primary grades up to grade 3 as advocated by the National Council of the Teachers of Mathematics (NCTM). Students will be provided with the opportunity to become familiar with many of the resources available to mathematics teachers as they broaden their understanding of developmentally appropriate learning experiences for your students (which utilize the latest research-based teaching and assessment methods). Students will also examine and revise their personal philosophy of teaching mathematics in a classroom in this supportive, interactive and collaborative course.

TE 853G – Improvement of Mathematics Instruction for Grades 4-8  
3 credit hours
This course will focus on improving classroom instruction in the Intermediate and Middle School grades (4th-8th) as advocated by the National Council of the Teachers of Mathematics (NCTM). Students will be provided with the opportunity to become familiar with many of the resources available to intermediate and middle school mathematics teachers as they broaden their understanding of developmentally appropriate learning experiences for their students (which utilize the latest research-based teaching and assessment methods). Students will also examine and revise their personal philosophy of teaching mathematics in a Intermediate classroom in this supportive, interactive and collaborative course.

TE 854 – Reading in the Content Areas  
3 credit hours
Students completing this course will have an opportunity to examine the nature of the reading process and the kinds of particular problems teachers in content areas of middle and secondary school face daily. It will also provide the teacher with the ability to apply specific strategies in helping those students having difficulty reading the materials necessary for specific content areas.

TE 855P – Improving the Reading Program  
3 credit hours
The department will provide an in-service course upon the request of a school system for the purpose of assisting local staff in the evaluation and improvement of the school’s reading program. The course is designed to develop an analytical approach to reading program evaluation and improvement. This course is not applicable to the program for endorsement as a special reading teacher.

TE 857 – Early Communication, Language and Literacy  
3 credit hours
Students will gain an understanding of early speech and language development and related emergent language and literacy skills, and how these may be influenced by cultural, linguistic, or exceptionality factors. Students will learn how to develop, evaluate, and implement early literacy materials and assessments for children with diverse educational needs ages 0-5 in program, school, and clinical settings.

TE 864 – Digital Storytelling  
3 credit hours
This course focuses on storytelling as a digital medium; as a powerful strategy for individual, library, and classroom instruction; and as a persuasive tool in educational settings. Students will design curriculum-based instruction using digital storytelling strategies for use with students in the school library or classroom setting, as well as learn to create personal and persuasive digital stories.  
Prerequisite: Graduate status

TE 866 – Motivating the 21st Century Learner  
3 credit hours
This course focuses on exploring research-based principles for motivating PK-12 students with the aim of fostering in them a disposition of lifelong learning. Topics include: strategies for fostering intrinsic motivation, using technology to stimulate learning, strategies for motivating the reluctant learner, and maintaining your own motivation as an educator. The course emphasis is on the practical application of strategies customized to the graduate student’s own field of educational interest.  
Prerequisite: Graduate status

TE 867 – Traditional Storytelling  
3 credit hours
This course focuses on storytelling as an oral tradition and as a powerful tool for differentiating instruction. Students will design curriculum-based instruction using storytelling strategies for use with students in the school library or classroom setting, as well as with special needs audiences. Additionally, students will have the opportunity to learn traditional storytelling techniques in a friendly, low-key environment.  
Prerequisite: Graduate status

TE 868 – Copyright, Fair Use, and Ethics  
3 credit hours
This course focuses on the ethical use of copyrighted material and Fair Use Guidelines as they relate to education and business training.

TE 869 – Introduction to School Library Program  
3 credit hours
This course is an overview of selected school library topics: current trends, genres, issues, and instructional and motivational strategies in children’s and adolescent literature; school library and educational professional ethics including issues concerning the individual, society, and the profession; and an introduction to information literacy.

TE 870 – Developing Web-Based Portfolios  
3 credit hours
This course will focus on planning, revising, and developing web-based working and academic portfolios. Tools such as web editors and image editing software will be used. Student will create a working portfolio to use during their academic programs.

TE 871 – Collection Development and Management  
3 credit hours
Collection Development and Management is designed to provide the student with the basic competencies needed for print and non-print collection selection, development and evaluation.  
Prerequisite: TE 869
**TE 872 – Organization of School Library and Technology Resources** 3 credit hours
Students will learn a variety of techniques for providing access to resources, including exploring the types and functions of automation systems and basic methods and procedures of cataloging and classification within a school library program. Prerequisite: TE 869

**TE 873 – Reference Services and Resources** 3 credit hours
This course will focus on the range of reference resources which support the school library media center, including the evaluation and use of print and electronic reference sources, reference procedures, and the instructional role of reference resources in the overall school curriculum. Prerequisite: TE 869

**TE 874 – Production of Instructional Resources** 3 credit hours
This course will focus on instructional design principles and will develop competencies in applying them to specific learning objectives within the overall production process. In addition, students will develop skills in integrating the technology products into the curriculum.

**TE 875 – Administration of the School Library** 3 credit hours
This course will focus on the administration of the school library program's mission, budgeting, supervision of personnel, planning, resource needs, communication within the school and public communities, the role of the information specialist in the instructional process, and the interrelationships of information agencies. Prerequisite: TE 869

**TE 876 – Integration of Curriculum, Technology and Media Resources** 3 credit hours
This course will focus on the practical application of theories of instruction and technology integration; models of teaching; curriculum design; research paradigms; and, studies and findings related to curriculum integration of technology in teaching effectiveness for P-16 educators.

**TE 877 – Developing Web-Based Educational Environments** 3 credit hours
This course is for teachers and instructional technologists who wish to design, implement and evaluate learner-centered instructional environments. Students will create, implement and evaluate nonlinear, student-centered interactive web-based projects, based upon their students' assessed learning needs.

**TE 878 – Leadership in Instructional Technology** 3 credit hours
This course will provide students with the skills and tools necessary to be an effective, innovative instructional leader in the field of instructional technology. The constructivist perspective of building community leadership will be examined. Staff/faculty development, planning, using data-driven decision making, and funding in instructional technology will be emphasized.

**TE 879 – Seminar in Instructional Technology** 3 credit hours
This is a variable content course which focuses on advanced topics in instructional technology. Students will critically analyze issues and problems in the discipline. Empirically testable research questions related to the topics will be identified. This course may be repeated, but only six hours may count towards a degree.

**TE 880 – Management of Educational Technology** 3 credit hours
This course is an in-depth study of the administration and leadership of technology in P-16 educational settings. Management of school facilities and resources, modeling and promotion of the effective use of technology for learning, and use of educational technology research and best practices will be examined.

**TE 881 – Online Teaching Instructional Design** 3 credit hours
This course will focus on preparing to and delivering online instruction, online instructional design, and related teaching strategies.

**TE 882 – Teacher Development Training in Instructional Technology** 3 credit hours
This course will produce leaders who are able to provide professional development training in instructional technology for P-16 educators. Students will work with contemporary instructional technology in a transcurricular setting. Students will learn how to train classroom teachers to integrate technology into the teachers' disciplines. A variety of learning and teaching strategies will be examined. The course will emphasize modeling and promotion of the effective use of technology for learning, designing appropriate integration learning opportunities for staff, adult learning styles and techniques, and formative and summative assessments aligned with content and technology standards and use of resulting data to inform learning and teaching.

**TE 884 – Online Teaching Methodology** 3 credit hours
This course will focus on online engagement, online course development, and online teaching strategies. Research-based structural, ethical, legal, and social issues of teaching online will be examined.

**TE 885 – Instructional Video Production** 3 credit hours
This course will prepare the student to design, create, produce and edit instructional videos. The focus will be on using currently available classroom equipment for video production, editing, and related concepts.

**TE 886P – Technology Tools for Teachers** 3 credit hours
This course will focus on using technologies in an instructional environment with an emphasis on ethical, human, legal and social issues, methods and skills appropriate to planning and designing learning environments, and instructional management methodologies using appropriate materials, methods, resources, and curricula for integrating technology.

**TE 887 – Electronic Media Production** 3 credit hours
This course will focus on producing effective electronic presentations. Topics will include: computer graphics; the psychology of color usage; hypertext linkages; screen design and layout; and integrating video, sound, clip art and animation into presentations.

**TE 888 – Enhancing Classroom Instruction Using Imaging Tools** 3 credit hours
Students will plan, design, develop and manage major instructional video projects for use in their classrooms or training environments.

**TE 889 – Creating Instructional Videos to Enhance Classroom Instruction** 3 credit hours
Students will plan, design, develop and manage major instructional video projects for use in their classrooms or training environments.

**TE 891 – Field Experiences in Instructional Technology** 3 credit hours
This course will provide field experiences for students pursuing the instructional technology program. Basis of the experience will be decided upon between the student and the advisor.

**TE 892 – Internship in Instructional Technology** 1-6 credit hours
This course is intended to allow students to participate in various real-life experiences in IT settings. Projects and internships will be selected and conducted under the guidance of a supervising professor. Focus areas will range from interning in technology centers in school districts and businesses to creating innovative classroom and/or hypermedia projects. Students, with the consent of the professor, can take one, two or three hours. This course may be repeated, but only six hours will be counted towards the degree.

Total Credits Allowed: 6.00
Total Credits Allowed: 24.00

Students are expected to document 210 hours of direct contact with university faculty who may also contact an individual's principal. Disadvantages 7-12, or Advanced Practitioner. Teachers are supervised.

Education programs of Mild/Moderate Disabilities K-6, Mild/Moderate

TESE 816D – Practicum in Special Education     3-6 credit hours
This course is designed to provide practicum experience in the Special Education programs of Mild/Moderate Disabilities K-6, Mild/Moderate Disabilities 7-12, or Advanced Practitioner. Teachers are supervised by university faculty who may also contact an individual's principal. Students are expected to document 210 hours of direct contact with students of the appropriate grade level and disability for the endorsement they are seeking. This course is a semester course.
Total Credits Allowed: 24.00

TESE 821P – Nature and Needs of Exceptionalities     3 credit hours
This introductory course surveys the various disability areas in the field of special education and associated educational implications. Major influences from litigation and legislation are discussed along with contemporary issues and trends in special education and gifted education.

TESE 822P – Psychology & Education of Gifted & Talented Learners     3 credit hours
Topics for this introductory course will include the cognitive, social, emotional, and physical characteristics of gifted/talented learners, methods of identification, implications of cultural diversity, appropriately differentiated education, working with families, historical perspective of the field, and major research studies contributing to the knowledge base. Emphasis will be placed on characteristics and differentiated instructional strategies.

TESE 823P – Guiding the Social & Emotional Development of Gifted/Talented Learners     3 credit hours
This course focuses on understanding the social and emotional characteristics and development of typical and special populations of gifted/talented learners, current theories and issues related to their guidance and counseling principles and strategies of intervention.

TESE 824 – Identification, Assessment, & Evaluation for Gifted/Talented Education     3 credit hours
This in-depth course provides the student with the knowledge and concepts of basic statistics necessary to understand and administer selected assessment instruments used in the identification of gifted and talented learners. The process and multiple strategies of identification will be a major focus to prepare the student to develop and/or improve current identification procedures. An additional focus will be on multiple strategies for the assessment of the gifted/talented learner’s work in the classroom. Developing a beginning understanding of the difference between student and program evaluation will be the final focus.
Prerequisite: TESE 822P or TESE 823P or department permission

TESE 825 – Curriculum Design & Development for Gifted/Talented Education     3 credit hours
This is an advanced course on exemplary program models, instructional processes and methods, program planning, and development of appropriately differentiated curricula for gifted/talented learners across grade levels.
Prerequisite: TESE 822P or TESE 823P or department permission

TESE 826 – Program Design for Gifted/Talented Education     3 credit hours
This course is concerned with the development, implementation, and evaluation of programs for gifted/talented learners, including procedures utilized when developing a distinct definition of giftedness, philosophy and goals for gifted education, staff hiring and development, service delivery options, and public relations.
Prerequisite: TESE 822P or TESE 823P or department permission

TESE 827P – Introduction to Early Childhood Special Education     3 credit hours
Philosophical and legal bases for early intervention, and current trends, issues, policies and procedures are examined. Factors related to developmental risk or delay and to atypical developmental processes are presented, along with intervention models and curricular adaptations. Prior completion of PSY 853 is recommended.
TESE 828A – Intervention Methods: Birth to Two Years 3-6 credit hours
This course provides knowledge and skills to intervene with infants and toddlers. Included are medical and physical aspects of developmental delay and the influences of these conditions on developmental processes. Family focused intervention strategies are planned and implemented by the student in field experiences. Prerequisite: TESE 827P or department permission

TESE 828B – Intervention Methods: Three to Five Years 3-6 credit hours
This course provides knowledge required to develop and manage programs, and to adapt teaching strategies, curricula, and materials for preschool and kindergarten children with disabilities. Students acquire methodology, promote domain specific development, functional skills, and child-child interactions in-group settings. Field experiences included. Prerequisite: TESE 827P or department permission

TESE 829P – Assessment of Young Children: Birth to Five 3 credit hours
This course prepares students to evaluate assessment tools for young children, determine their appropriateness for various purposes, write and interpret evaluation reports, and translate assessment results into intervention goals and strategies. In field experiences students administer tests and interpret and report results. Prerequisite: TESE 827P or departmental permission Additional Course Fee Required

TESE 830 – Consult & Collaboration with Families & Agencies Serv Individuals with Disabilities 3 credit hours
This course provides students with the theory basis of collaboration. Students will learn to work with families and other professionals from all cultural and economic backgrounds, gain knowledge concerning family systems, the impact of having a child with special needs, and legal and procedural safeguards.

TESE 837P – Medical Aspects of Individuals with Disabilities 3 credit hours
This course provides students with a general knowledge of the medical conditions seen in children with disabilities. It will familiarize students with terminology, medications, procedures, equipment, and interventions used for children with medical complications. Teacher responsibilities in regards to medical conditions will be covered.

TESE 840 – Bilingual Special Education 3 credit hours
Students will be exposed to the latest research into the education of English language learners with disabilities, their identification, assessment, and instruction. Particular attention will be paid to the development of Appropriate Individualized Education Plans that reflect culturally responsive instruction in both segregated and inclusive environments.

TESE 861 – Legal Issues in Special Education 3 credit hours
This course provides students with the knowledge and understanding of the history and federal regulations in the field of special education. Professional ethics and code of conduct will be emphasized. Students will explore the foundations for various mandated activities such as parents’ rights, IEP components and monitoring, special education placement procedures and mandated timelines. This course will emphasize the processes and procedures required to meet the State and Federal guidelines for providing appropriate Special Education Services to children with disabilities. The main focus will center on understanding the connection between the legal background and history and mandated requirements within the field.

TESE 862 – Formal and Informal Assessment in Special Education 3 credit hours
This course is designed to introduce students to the assessment process in special education by addressing procedural safeguards; data collection via informal and standardized procedures; issues in assessment; psychometric properties of standardized tests; and administration, scoring, and interpretation of selected instruments. Additional Course Fee Required

TESE 863 – Research-Based Instructional Strategies for Students with Disabilities 3 credit hours
This course is designed to address the wide range of instructional needs of students with disabilities. Students will learn to synthesize and evaluate research on instructional techniques for classroom application. Academic instructional interventions will be emphasized. Students will apply their knowledge of lesson development and classroom management strategies. Contains a field component.

TESE 864P – Field Experience in Special Education 1 credit hour
This course is designed to provide practical application of learned skills. Students will be placed in a K-8 special education setting for a total of forty-five clock hours. Students will implement learning strategies and develop a behavior intervention plan. Students will complete five additional hours in the classroom or at events benefiting individuals with disabilities.

TESE 867 – Functional Behavior Assessment and Behavior Intervention Planning 3 credit hours
The course is designed for graduate level students to examine function-based behavior intervention strategies for individuals with disabilities who engage in challenging behavior. Students will be taught basic elements of functional analysis that includes: defining, observing, and recording behaviors as well as the creation of graphic displays for analysis. Ethical standards for behavior management, crisis intervention, and positive behavioral support will be highlighted. This course contains a functional assessment/intervention field component.

TESE 872 – Strategies for Teaching Students with Intellectual Disabilities 3 credit hours
The course is designed to prepare future educators to provide services for individuals with intellectual disabilities. Emphasis will be placed on interventions for life skills, communication, vocational, and functional academics. Additional interventions will include community-based instruction, study skills, and assessment of alternate curriculum. Accommodations and modifications to allow the child to be included in the general education curriculum will also be explored.

TESE 873 – Teaching Students with Multiple Disabilities 3 credit hours
The course is designed to prepare future educators to provide services for individuals with multiple disabilities. Emphasis will be placed on interventions for life skills, communication, and academics. In addition, future educators will gain knowledge on issues of mobility and positioning which will enhance a child’s ability to reach their full potential. Accommodations and modifications to allow the child to be included in the general education curriculum will also be explored.

TESE 875P – Preparing Adolescents for the Post-Secondary World 3 credit hours
This course is designed to address the instructional needs of secondary students with disabilities to prepare them for life after high school graduation. Alternative secondary placements will be discussed as well as post-secondary options such as Technical Schools and College. Students will also learn how to develop self-advocacy skills and post-secondary accommodation plans.
TESE 876P – Transitional Issues for Individuals with Disabilities 3 credit hours
Assessment planning and instruction to facilitate educational and employment post-school outcomes will be emphasized. Federal and state laws governing minimum transition practices will be covered. Assessment, transition planning, services, interagency collaboration, resources, and instruction will be discussed to facilitate a successful transition.

TESE 879P – Teaching Social Skills to Students with Autism Spectrum Disorder 3 credit hours
This course is designed to provide students with the knowledge and skills to teach Social and Personal Skills for students with disabilities. Students will be exposed to various Social and Personal Skills programs and strategies that are presently available that have been designed for students with special needs. The development of role play, problem solving, social story, and social script techniques will be emphasized. In addition, students will be able to develop individualized instruction for students based on needs assessment data. Students will also apply their knowledge of age appropriateness in the development of social and personal skills lessons.

TESE 880 – Critical Issues in Special Education 3 credit hours
This course provides students with the knowledge and understanding of the critical issues facing the field of Special education. Professional ethics and code of conduct will be emphasized.

TESE 881 – Characteristics and Identification of Behavior and Learning Disabilities 3 credit hours
This course provides an in-depth coverage of the identification process, etiologies and characteristics associated with disorders that are categorized as learning disabilities or behavior disorders. Distinction from Pervasive Developmental Disorders and Severe Emotional Disturbance will be discussed.

TESE 882 – Applied Behavior Analysis 3 credit hours
This course provides an in-depth examination of Applied Behavior Analysis (ABA). Students will examine the history and development of ABA as well as the use of ABA in the education of and research with individuals with disabilities.

TESE 883 – Intervention Strategies for Individuals with Behavioral & Emotional Disabilities 3 credit hours
This course will examine research effective strategies and interventions for working with students that have behavioral and emotional disabilities. Interventions appropriate for the three tiers of intervention will be explored.
Prerequisite: TESE 881

TESE 884 – Research Techniques in Applied Behavior Analysis 3 credit hours
This course will explore research design and techniques in Applied Behavior Analysis. Emphasis will be placed on research conducted with individuals with disabilities. Students will be expected to research the literature on a specific area.
Prerequisite: TESE 882

TESE 885 – Inclusion and Differentiation Strategies for the 21st Century Classroom 3 credit hours
The course addresses the instructional needs of all students with exceptionalities (disabilities and giftedness) as well as those from culturally diverse backgrounds in integrated settings. Special education referral process, Response to Intervention, Section 504, analysis of instruction/environment and its impact on learning, assignment/assessment modification, behavioral issues, and evaluation of student learning will be the emphasis. Research-based intervention strategies to differentiate instruction will also be presented.

TESE 886 – Co-Teaching & Collaborative Services 3 credit hours
The focus of this course addresses the co-teaching instructional model. Co-teaching is a strategy of teaching that is not easily employed by all professionals in the field. The ability to develop a culture of trust with one's co-teacher is essential to the success of the co-teaching model and classroom. To ensure this success, this course will introduce co-teaching models and strategies that will be able to be implemented in the rural setting as well as the urban setting. Topics will include co-teaching in a wide variety of settings including: charter schools, on-line schools, brick and mortar schools, homeschooled, private and parochial schools, and military based schools both at home and overseas. Additionally, this course will focus on the necessity of professionalism when collaborating with ELL instructors, para-professionals, home instructors, parents, and school support service personnel, etc. Particular focus will be placed on the special educator/support facilitator’s relationship with the general educator. This course will also include a wide variety of both national and international collaborative services and agencies available to support co-teachers in their mission to successfully educate all children inclusively.

TESE 887P – Teaching Functional Academics to Individuals with Exceptional Needs 3 credit hours
This course is designed to provide students with strategies and interventions to enable the instruction of functional academics for students with exceptional needs. Students will be exposed to techniques for initial instruction in reading, math, and written language emphasizing real-life application. Experiences will include adapting general standards and curriculum and applying them to meet IEP functional goals and objectives.

TESE 888 – Positive Behavior Intervention and Supports 3 credit hours
This course presents the latest in practices and research in the field of Positive Behavior Intervention and Supports (PBIS). Students will be exposed to strategies and interventions to change challenging behavior and effectively maintain appropriate behaviors of students through positive behavior interventions and supports.

TESE 891 – Assistive Technology Assessment 3 credit hours
This course is a requirement for the Assistive Technology emphasis in the Masters degree in Special Education/Advanced Practitioner.
Prerequisite: TE 805P

TESE 892 – Augmentative Alternative Communication 3 credit hours
Provides an overview of alternative and augmentative communications devices and strategies. Discussion about AAC assessment, management, implementation, and evaluation of effectiveness will be discussed.
Prerequisite: TE 805P

TESE 893 – Program Development in Assistive Technology 3 credit hours
Provides strategies to develop assistive technology programs for individual students and at a systems level. Professional development as well as acquisition and integration of assistive technology will be covered.
Prerequisite: TESE 891
TESE 894 – Research in Assistive Technology    3 credit hours
This course will examine current research utilizing assistive technology with students with disabilities.
Prerequisite: TE 800 or instructor approval

TESE 895 – Integration of Assistive Technology Across the Lifespan    3 credit hours
Focus is on best practices for integrating assistive technology across the lifespan. Issues of long term goal development, social issues, and transition will be addressed.
Prerequisite: TE 805P