Education Educational Leadership (EDL)

EDL-CPE Comprehensive Examination  Credits: None
Prerequisite: EDL-680.
Term Offered: All Terms
Course Type(s): None
Students will complete a comprehensive project demonstrating their clinical and research skills. This is a pass/fail course.

EDL-502 Development and Learning in Early Childhood  Credits: 3
Term Offered: All Terms
Course Type(s): None
Studies designed to foster understanding of the dynamic continuum of development and learning in children from birth through age eight. Typical and atypical development of young children is addressed through a multicultural perspective. Developmental factors that impact learning in preschool and the primary grades are emphasized. Approaches to learning grounded in developmental theory are presented with an emphasis on developmentally appropriate practice.

EDL-503 Literacy Instruction  Credits: 3
Term Offered: All Terms
Course Type(s): None
Content focuses on principles, methods, and materials applicable to teaching, reading, and writing to the beginning and skilled reader. Topics will include current approaches for developing literacy within a diverse population of learners. Comprehension, content, and vocabulary strategies are presented. The writing process and writer’s workshop are explored. Preparates students for participation in school-based experience. Fieldwork is required.

EDL-504 Introduction to Educational Leadership and Supervision for Student Learning P-12  Credits: 3
Term Offered: All Terms
Course Type(s): None
An introduction to the conceptual, theoretical, and practical foundations of educational administration and supervision. Examines the knowledge and research base of learning theory and the role of administrators and supervisors as instructional leaders in transferring theory into best practices to enhance student learning and sustain professional learning communities.

EDL-515 Advanced Literacy Instruction  Credits: 3
Term Offered: All Terms
Course Type(s): MAT
Focuses on pedagogy and theories that are applicable to teaching literacy to beginning, struggling, and skilled readers. Topics include approaches for teaching literacy to a diverse population of learners in a literate environment and assisting and supporting colleagues and paraprofessionals. Word identification, vocabulary, comprehension, and content strategies will be presented.

EDL-516 Literacy Strategies for All Learners I  Credits: 3
Term Offered: All Terms
Course Type(s): None
Explores word identification and vocabulary research and instructional strategies for all learners including those from culturally diverse backgrounds. Individual and group instructional techniques in the area of phonemic awareness, phonics, word recognition, vocabulary, and fluency are explored in environments that promote collaboration and self-regulation. Instructional teaching strategies and techniques for coaching colleagues and paraprofessionals are practiced in real settings.

EDL-517 Literacy Strategies for All Learners II  Credits: 3
Term Offered: All Terms
Course Type(s): None
Addresses comprehension research and instructional strategies for all learners including those from culturally diverse backgrounds. Individual and group comprehension strategies, metacognition, and student self-evaluation are explored and practiced in collaborative education settings. Instructional teaching strategies and techniques for coaching colleagues and paraprofessionals are practiced in real settings.

EDL-521 Early Childhood Family, School and Community Collaboration in a Diverse Society  Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on the process of family assessment and intervention, issues of family and professional collaboration and diversity, and methods of promoting adult communication and management strategies. It applies the knowledge of cultural and linguistic diversity and the significance of socio-cultural and political contexts as they relate to the family, culture and society. It identifies the members of teams designed to support and optimize children's health, growth, and development and the network of community services to individuals, families and groups handicapped by social, environmental, health and related problems.

EDL-522 Early Literacy and Language Development  Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on the early literacy and language development of regular and special education children, ages three through eight. The content includes the study of the theories and acquisition of language, the interrelated nature of reading and writing, the appropriate development and assessment of early literacy, methods for engaging and motivating young learners, and the importance of family involvement.

EDL-525 Multicultural Literature and Literacy  Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on multicultural literature and how it is integrated into a classroom and/or school-wide literacy program. A wide array of multicultural literature and other genres for children and young adults will be presented, studied and integrated into a Teacher Work Sample. Coaching colleagues and paraprofessionals is emphasized.

EDL-526 Strategies for Teaching Writing, K-12  Credits: 3
Term Offered: All Terms
Course Type(s): None
Provides an in-depth study of strategies for teaching various types of writing to elementary and secondary students. It involves assessing and instructing students who require assistance with the development of written expressive language under the direction of a University supervisor.

EDL-527 Literacy Trends and Issues  Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on issues, problems, and trends in the field of literacy. The content includes the study of divergent viewpoints and research regarding theories, instructional strategies, assessment, classroom environment and professional development.
EDL-530 School Law and Policy
Term Offered: All Terms
Course Type(s): None
A study of court decisions addressing the legal principles affecting education, schools, and school professionals. Constitutional, statute, and administrative laws related to education are examined and analyzed through case studies and Socratic methods.

EDL-531 Economics and School Business Leadership
Term Offered: All Terms
Course Type(s): None
Should be thought of as an applied economics course. It will focus on the topics that are of the greatest interest and importance to school business administrators. Applies topics in economic theory to administrative decision making. This course is concerned with the relationships between schools, consumers, and the economic environment in which they operate.

EDL-532 Human Resource Management and School Finance
Term Offered: All Terms
Course Type(s): None
Provides combined theory and practice of human resource management and public school finance in relation to expenditures and resources, and state and federal support of education in local school districts.

EDL-533 Community Relations
Term Offered: All Terms
Course Type(s): None
Examines the theoretical and practical approaches for establishing effective school/community relations and the role of the educational leader in promoting the success of all students by collaborating with families and other community members.

EDL-534 Principles of Accounting for School Business Administrators
Term Offered: All Terms
Course Type(s): None
Provides the candidate with a basic understanding of the Generally Accepted Accounting Principles (GAAP) used in the School Business Administrator’s office. The topics of tax levies, budgeting, purchasing, bidding, and referenda will also be discussed.

EDL-535 School Facilities Planning and Management
Term Offered: All Terms
Course Type(s): None
Provides school district administrators the fundamental concepts of planning, designing and constructing new educational facilities and/or the rehabilitation, remodeling or modernization of existing facilities. Additionally, the course includes operation and maintenance programs.

EDL-536 Curriculum Development and Design
Term Offered: All Terms
Course Type(s): None
Examining models of curriculum development, candidates evaluate, design and develop effective curricula to support the instructional process and enhance student learning experiences.

EDL-537 Technology for School Leaders
Term Offered: All Terms
Course Type(s): None
Focuses on the practical applications and the authentic use of technology to provide instructional and administrative support of the learning community.

EDL-538 The In's and Out's and Do's and Don'ts of Embracing Technology Tools in the Classroom
Term Offered: All Terms
Course Type(s): None
Focuses on the use of educational technology in classroom settings and the strategies, resources, planning, and assessment of an effective program. Addresses collaboration with colleagues regarding the ethical boundaries of excursions, ways to fit in technology that saves time and provides meaningful experiences to learners at all levels and curricular areas. Students will become familiar with relevant text materials and participate in an exploration of resource options for utilizing technology for various purposes during instructional planning and execution of plans. Materials, methods and strategies will be prepared and ready-to-utilize for authentic purposes, upon completion of this course.

EDL-539 Instructional Theory and Leadership for Student Learning
Term Offered: All Terms
Course Type(s): None
Examines the knowledge and research base of learning theory and the role of the instructional leader in transferring theory into best practices to enhance student learning and sustain professional learning communities.

EDL-541 Leadership and Administration of Campus Environments
Term Offered: All Terms
Course Type(s): None
A complete overview of administration, organization and governance models of American higher education institutions. Through gaining a conceptual understanding of the college and university campus as an environment, this course will focus on leadership and social justice systems approaches necessary to facilitate a culture to promote the retention and persistence of postsecondary students within campus environments.

EDL-551 The In's and Out's and Do's and Don'ts of Embracing Technology Tools in the Classroom
Term Offered: All Terms
Course Type(s): None
Focuses on the use of educational technology in classroom settings and the strategies, resources, planning, and assessment of an effective program. Addresses collaboration with colleagues regarding the ethical boundaries of excursions, ways to fit in technology that saves time and provides meaningful experiences to learners at all levels and curricular areas. Students will become familiar with relevant text materials and participate in an exploration of resource options for utilizing technology for various purposes during instructional planning and execution of plans. Materials, methods and strategies will be prepared and ready-to-utilize for authentic purposes, upon completion of this course.

EDL-552 Creative Technology: Utilizing Technology to Ignite a Passion for Learning
Term Offered: All Terms
Course Type(s): None
Through graphic design and the integration of digital photography, Flip Video, software such as PowerPoint, the Print Shop, and multi-media projection devices, the opportunity to use technology for stimulating, engaging and motivating students will be explored. Enables students to explore and develop exciting learning experiences. Includes ways to utilize resources in routine lesson planning and to make technology an exciting aspect of all lesson plans.

EDL-553 Technology Integration: Methods for Successfully Meeting Diverse Learning Needs Within a Classroom
Term Offered: All Terms
Course Type(s): None
Expands further upon the various forms of technology available for classroom use. Students will develop engaging learning activities designed to meet the diverse learning needs within a classroom. Opportunities will be provided to explore the various possibilities for modifications and adaptations made possible via specific technology tools. Helps students maximize learning opportunities through the use of Podcasts, instant messaging, text-to-speech capabilities, WebQuests, and more.
EDL-554  A Proactive Approach to Technology Implementation Across the Curriculum  Credits: 3
Prerequisites: EDL-551 and EDL-552.
Term Offered: All Terms
Course Type(s): None
Focus is on helping students infuse teaching with meaningful technology across the curriculum. Students will have the opportunity to create, share, demonstrate and showcase a portfolio of resources, strategies, methods and varied options for technology integration through the creation of an authentic classroom technology plan. Through collaboration, guidance practice then independent work, students will embrace all aspects of technology integration and work step-by-step to create a ready-to-use plan.

EDL-560  Early Childhood Curriculum Assessment for Inclusive Environments  Credits: 4
Term Offered: All Terms
Course Type(s): None
Curriculum and assessment for early childhood programs serving children in preschool through age eight. Multidimensional, ongoing, and performance-based assessment strategies are addressed. Characteristics of developmentally appropriate curricula are explored. Development of learning environments that respect diversity and create opportunities for active participation of all children are emphasized.

EDL-564  Assessment and Instruction in Literacy I  Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on the principles of ongoing assessment and instruction of K-12 students' reading and writing development. Strategies to select, use, and interpret appropriate standardized, criterion-referenced, and informal assessment measures will be provided. Techniques for analysis of students' literacy strengths and weaknesses and techniques for coaching colleagues and paraprofessionals will be addressed. Individual and group literacy strategies are explored and practiced in public school classrooms and a clinical setting.

EDL-565  Assessment and Instruction in Literacy II  Credits: 3
Prerequisite: EDL-564.
Term Offered: All Terms
Course Type(s): None
Focuses on assessment and instructional literacy strategies for assisting all learners, including those with diverse backgrounds. The content includes the theory and practice of portfolio assessment and varied instructional strategies as well as the integration of technology. Individual and group literacy and coaching strategies are explored and practiced in public school classrooms and a clinical setting.

EDL-566  Diagnosis and Remediation of Literacy Problems I, Secondary  Credits: 3
Term Offered: All Terms
Course Type(s): None
Involves a field-based component, which focuses on assessing and evaluating secondary students' reading and writing. Strategies to select appropriate standardized, criterion-referenced and informal assessment measures will be provided. Techniques for the analysis of literacy difficulties and the formulation of remediation plans will be addressed.

EDL-569  Public School Supervision and Communication  Credits: 3
Prerequisite: EDL-536 or EDL-565.
Term Offered: All Terms
Course Type(s): None
Aspiring supervisors and principals will develop a greater understanding of the knowledge, interpersonal skills, and technical processes necessary to provide developmental supervision and professional growth experiences for staff members.

EDL-572  Current Topics in Educational Psychology  Credits: 3
Term Offered: All Terms
Course Type(s): None
Several important contemporary theoretical, applied, and methodological issues in various areas of educational psychology are selected by the instructor for inclusion in the course. Seminar discussions focus on the critical evaluation of the recent literature in the areas selected.

EDL-575  Methods of Teaching Language Arts and Content Literacy at the Elementary Level  Credits: 3
Prerequisites: ED-510, ED-550, ED-552 and EDL-503.
Term Offered: All Terms
Course Type(s): None
Provides candidates with the knowledge of language as a medium for teaching and learning. Candidates will be introduced to strategies that facilitate an integrated approach to language arts and content literacy instruction. The use of literature in all content areas will be explored, leading to a better understanding of the interdisciplinary approach to learning at the elementary level. Fieldwork is required.

EDL-582  Practicum in Supervision and Curriculum P-12  Credits: 3
Prerequisite: EDL-569 or EDL-565.
Term Offered: All Terms
Course Type(s): None
Application of duties and responsibilities of the supervisor and/or curriculum specialist to an in-school supervised practicum project.

EDL-585  Practicum in Literacy  Credits: 3
Prerequisites: EDL-515, EDL-564, and EDL-565.
Term Offered: All Terms
Course Type(s): None
Concentrates on the clinical assessment and instruction of students who have difficulty with reading and writing. The practicum involves instructional sessions, observing colleagues tutoring, and being observed during a seamless assessment and instruction cycle. In addition, self-assessment is encouraged via the use of videotaped teaching sessions and in-depth, collaborative case discussions.

EDL-588  Topics in School Leadership, Supervision, and Curriculum P-12  Credits: 3
Prerequisite: EDL-569.
Corequisite: EDL-590A.
Term Offered: All Terms
Course Type(s): None
Principles, problems, and techniques relative to the duties and responsibilities of the elementary and secondary school administrator and/or supervisor will be discussed in conjunction with the ELCC Standards including curriculum review and revisions. Practical application of these concepts will be the primary focus of the course and the course assessments.
EDL-589 Advanced Topics in School Leadership, Supervision, and Curriculum P-12 Credits: 3
Prerequisite: EDL-588.
Corequisite: EDL-590B.
Term Offered: All Terms
Course Type(s): None
Principles, problems, and techniques relative to the duties and responsibilities of the elementary and secondary school administrator and/or supervisor will be discussed in conjunction with the ELCC Standards. Further extending the practical application of the concepts in EDL 588 will be the primary focus of the course and the course assessments.

EDL-590A Internship for School Leadership (P-12) I Credits: 1
Corequisite: EDL-588.
Term Offered: All Terms
Course Type(s): None
Designed to occur over one semester and culminate in the accruing of 150 internship hours out of the required 300 internship hours required for certification. These hours must be done under the guidance of a building principal and involve the day-to-day responsibilities and activities of the building principal. The first 150 hours may be done in the candidates own building. The second 150 hours must be done in a diverse school setting different from the candidates previous setting (different grade configuration). Candidates will provide weekly logs and reflections.

EDL-590B Internship for School Leadership (P-12) II Credits: 1
Corequisite: EDL-589.
Term Offered: All Terms
Course Type(s): None
Designed to occur over one semester and culminate in the accruing of 150 internship hours out of the required 300 internship hours required for certification. These hours must be done under the guidance of a building principal and involve the day-to-day responsibilities and activities of the building principal. The first 150 hours may be done in the candidates own building. The second 150 hours must be done in a diverse school setting different from the candidates previous setting (different grade configuration). Candidates will provide weekly logs and reflections.

EDL-593 Administration and Supervision of Literacy Practices and Professional Development for School Leaders Credits: 3
Prerequisite: EDL-569.
Term Offered: All Terms
Course Type(s): None
Focuses on the principles, methods, and materials applicable to the administration, organization, and supervision of literacy programs as well as the coaching of staff and colleagues. Students are involved in observation, supervision, and a long-term staff development program in schools.

EDL-598 Special Topics in Educational Leadership Credits: 3
Prerequisite: Permission of the program director is required.
Term Offered: All Terms
Course Type(s): None
The subject matter varies with the interest of the students and the professor teaching the course. The exact nature of the topic covered in any given semester is indicated in the student’s transcript.

EDL-599 Independent Study in Education Credits: 3
Prerequisites: Prior permission of the directing professor and department chair.
Term Offered: All Terms
Course Type(s): None
Independent research in education in an area not substantially treated in a regular course offering, under the supervision of an Education faculty member; written evaluation of the research is required. For students with superior ability. Application must be filed before registration.

EDL-600 Professional Issues in Speech-Language Pathology Credits: 3
Term Offered: All Terms
Course Type(s): None
Presents professional practice issues in speech-language pathology including scope of practice, certification and licensure as well as healthcare legislation and regulation. Code of ethics and ethical decision-making will also be addressed. Students will have the opportunity to explore contemporary service delivery topics using case studies focusing on ethical dilemmas and controversial practices that may arise in professional settings. Students will also be exposed to multicultural perspectives to contemporary issues as well as evidence-based practice.

EDL-601 Research Methodology and Applications I Credits: 3
Term Offered: All Terms
Course Type(s): None
Designed to provide the students with a basic understanding of the practical and theoretical applications of educational research methodology. Beginning with an examination of the role of research in education, students will be guided through the process of reviewing and analyzing information and data from a variety of sources, comparing and contrasting the different types of research designs, understanding the role of descriptive and inferential statistics, and the development of a research project.

EDL-602 Research Methodology and Applications II Credits: 3
Prerequisite: EDL-601.
Term Offered: All Terms
Course Type(s): None
This course is designed to extend students’ understanding of research methodological knowledge and techniques presented in EDL-601 Research Methodology and Applications I. Beginning with an in-depth examination of the various types of quantitative and qualitative research designs in education, the course will present students with inferential statistical procedures, experimental vs. non-experimental studies, and an analysis of results and their implications. Students will use the information garnered through this course, along with their completed research proposal, to gather, analyze, and present their data and findings in the form of a research thesis.

EDL-603 Individual Research Study Credits: 3
Term Offered: All Terms
Course Type(s): None
Techniques of educational research including: types of research, problem definition, variables and controls, data collection, data analysis and communication of results.
EDL-604 Clinical Methods in Speech-Language Pathology Credits: 3
Term Offered: All Terms
Course Type(s): None
Introduction to therapeutic methodologies in preparation for participation in clinical practicum. Provides advanced instruction in evidence-based therapeutic methods and documentation in speech-language pathology. Students will be prepared to engage in informative clinical decision making and intervention. Includes instruction of therapy techniques and procedures, as well as the development of professional goal and report writing skills. This is a pass/fail course.

EDL-606 Research Based Program Evaluation and Decision Making Credits: 3
Prerequisite: EDL-569.
Term Offered: All Terms
Course Type(s): None
Examines key concepts, methods, and approaches in the field of evaluation research. Students will be exposed to the basic principles and practices in educational program evaluation as well as the process of using evaluations to make decisions on the implementation of new programs or on the continuation of existing programs. Research of best practices, data-driven assessment that is unique to each student’s particular school, statistical analysis, combined with a comprehensive range of activities involved in designing and implementing educational programs will be the primary focus of the course. Presents students with the larger political, administrative, and financial issues that occur in program evaluation.

EDL-610 Neurological Language Disorders and Aphasia Credits: 3
Term Offered: All Terms
Course Type(s): None
Addresses the nature, etiology, and clinical management of adults with acquired language disorders, with primary emphasis on aphasia and related cognitive disorders. Students will study the structures and functions of the central and peripheral nervous system as they relate to human speech, language and cognition.

EDL-614 Assessment and Treatment of Dysphagia Credits: 3
Term Offered: All Terms
Course Type(s): None
Examines assessment and intervention for feeding and swallowing disorders in children and adults. Addresses the implementation of clinical examination procedures and interpretation of instrumental diagnostic procedures. Instructional strategies for rehabilitation and compensatory feeding strategies will be provided.

EDL-620 Practicum in Executive Leadership Credits: 3
Prerequisite: EDL-589.
Term Offered: All Terms
Course Type(s): None
Issues, principles, and responsibilities of the executive leader at the district level are focused on. Using the ELCC Standards as a guide, the practical applications of contemporary principles of educational leadership through a 150-hour internship experience are explored.

EDL-625 Assessment Procedures in Speech-Language Pathology Credits: 3
Term Offered: All Terms
Course Type(s): None
Presents an overview of diagnostic tests and procedures used in assessment of speech and language disorders across the lifespan. Students will learn the principles of measurement including reliability and validity, the calculation and interpretation of standardized test results and standard deviation.

EDL-630 Pediatric Language Disorders Credits: 3
Term Offered: All Terms
Course Type(s): None
Examines the communicative behaviors of infants, toddlers, and preschoolers and school-age children at risk or diagnosed as having a communication disorder. Students will learn etiologies, characteristics, assessment, and intervention strategies that are appropriate for treating children with language disorders. Particular emphasis will be placed on academic, cognitive and augmentative aspects of language use with populations who are culturally and linguistically diverse.

EDL-636 Communication in Autism Spectrum Disorders Credits: 3
Course Type(s): None
Provides students with information regarding the types of Autism Spectrum Disorders and the unique communication skills of individuals with Pervasive Development Disorder and Autism Spectrum Disorders. Students learn therapy techniques and alternative communication methods. This course will use a lifespan perspective.

EDL-645 Speech Sound Disorders Credits: 3
Term Offered: All Terms
Course Type(s): None
Reviews stuttering and dysfluency behaviors; historical and etiological description and treatment; current theories of stuttering; contemporary research in the field; and treatment of stuttering.

EDL-650 Fluency Disorders Credits: 3
Term Offered: All Terms
Course Type(s): None
Examines both typical and disordered phonetic and phonological development in children, the nature of nonorganic articulation and phonological disorders, the evaluation process and appropriate intervention strategies for linguistically diverse populations.

EDL-660 Motor Speech Disorders Credits: 3
Term Offered: All Terms
Course Type(s): None
Examines the neurological basis of acquired and congenital motor speech disorders including dysarthria and apraxia as well as the accompanying communication disorders that result from damage to the central nervous and peripheral nervous systems. Students learn the principles and procedures for the assessment and remediation of motor speech disorders.

EDL-664 Audiology and Aural Rehabilitation Credits: 3
Term Offered: All Terms
Course Type(s): None
Examines techniques employed in assessing hearing function in adults and children and studies the pathologies of the auditory and related systems. Provides an introduction to the impact of hearing loss on speech and language development, communication, education, and psycho-social development. Students gain practical experience developing aural rehabilitation programs using technological aids for the hearing impaired.
EDL-665 Augmentative and Alternative Communication Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Provides information about augmentative and alternative communication (AAC) assessment and intervention practices related to providing services for clients with AAC needs. Students will learn concepts, strategies, techniques and issues in the field of AAC. Focus will include research that has been conducted in the field of AAC, assessment and clinical procedures, meeting the AAC needs of clients with developmental and acquired disabilities across the lifespan, and hands-on training with devices and methods of AAC.

EDL-671 Advanced Practice with Children Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Designed for play therapy students; builds upon the foundation courses on individual, family and group counseling, with advanced clinical applications for work with children. Assessment and intervention skills are used with children and adolescents with special emphasis on expressive therapies such as art, play, sand tray, and music. Also listed as Psychological Counseling 671 and Social Work 671.

EDL-672 Advanced Theory in Play Therapy Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Provides an in-depth understanding of the history and theories of play therapy. Emphasis is placed on the understanding of the roles of therapists and parents through the play process. Diversity and multicultural considerations for theoretical perspectives are highlighted. Also listed as Psychological Counseling 672 and Social Work 672.

EDL-673 Advanced Techniques in Play Therapy Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Provides students with the opportunity to develop techniques and methods of play therapy. Emphasis is placed on working with children, adolescents, and adults through individual, group, and family play therapy. Major topics include group play therapy, family play therapy, short-term play therapy, and sand tray/sand play therapy. Additionally, diversity and multicultural considerations are highlighted. Also listed as Psychological Counseling 673 and Social Work 673.

EDL-674 Play Therapy for Children at Risk Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Focus is on play therapy with vulnerable and high-risk children. Emphasis on working with children, adolescents, and adults using play therapy in trauma and crisis situations is highlighted. Special attention is given to social issues that can lead to or exacerbate trauma or crisis. Also listed as Psychological Counseling 674 and Social Work 674.

EDL-675 Traumatic Brain Injury Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Examines neurophysiological, cognitive, neuropsychological, and social/emotional issues associated with traumatic brain injury. Assessment and treatment for cognitive disorders associated with traumatic brain injury will be addressed.

EDL-679 Diagnostic Practicum in Speech-Language Pathology Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Provides clinical practicum hours in the assessment of speech and language in children and adults. Students will plan, carry out and report diagnostic assessments.

EDL-680 Research Methods Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Teaches students the history of research and role of the IRB, ethical practices in research, APA style, development of a research question based on clinical needs, how to conduct a literature search on a topic, and develop a literature review. Students will also learn the difference between quantitative and qualitative research, research strategies and designs for communication sciences and disorders, data analysis, commonly used statistical tests, and methods for reporting results. Finally, students will learn to compare and contrast findings from various studies and to apply research findings to clinical practice.

EDL-681 Clinical Practicum I Credits: 3  
Term Offered: EDL-604.  
Prerequisite: EDL-681.  
Provides supervised clinical practicum hours in therapeutic management of speech and language disorders.

EDL-682 Clinical Practicum II Credits: 3  
Term Offered: EDL-681.  
Prerequisite: EDL-681.  
Provides supervised clinical practicum hours in therapeutic management of speech and language disorders.

EDL-683 External Clinical Practicum I Credits: 3  
Term Offered: EDL-682.  
Prerequisite: EDL-682.  
Provides supervised clinical practicum at an off-campus facility serving a variety of populations. Examples of placement sites include acute-care hospitals, rehabilitation centers, long-term care facilities and private practices.

EDL-684 External Clinical Practicum II Credits: 3  
Term Offered: EDL-683.  
Prerequisite: EDL-683.  
Provides supervised clinical practicum at an off-campus facility serving a variety of populations. Examples of placement sites include acute care hospitals, rehabilitation centers, long-term care facilities and private practices.

EDL-699 Independent Study in Educational Leadership Credits: 1-3  
Term Offered: EDL-683.  
Prerequisite: Prior permission of the directing professor and department chair.  
Course Type(s): None  
Independent research in education in an area not substantially treated in a regular course offering under the supervision of an Education faculty member; written evaluation of the research is required. For students with superior ability. Application must be filed before registration.