

TEACHER EDUCATION

Office: 241 Education Building; 313-577-0902

Interim Assistant Dean: Kathryn Roberts

There are a number of pathways to teacher certification at Wayne State University, and all prepare future teachers to be knowledgeable, skillful, and caring professionals who are able to make a difference in the lives of children and youth. Students in our teacher certification programs benefit from outstanding faculty for their university coursework, and clinical experiences in Detroit and beyond that prepare them to work effectively and passionately with diverse children and youth. The faculty in Teacher Education conduct research and teach courses that focus on creating school experiences that are academically rigorous, personally meaningful, and sustain a vibrant democracy.

Michigan Standard Teaching Certificate (Education) - Bachelor's Degree Requirements

Candidates for the Bachelor of Arts or Bachelor of Science degree in Education must complete at least 120 credits in coursework with a minimum grade point average of 2.5. No grade below a 'C' may be used to meet requirements specific to elementary or secondary education, the major, the minor (including the planned program/comprehensive major), or professional education courses; a grade of 'C-minus' is not acceptable.

The following outline presents the general distribution of credits to be fulfilled by the student's choice of curricula from the subsequent program descriptions, below. NOTE: Some programs require more than 120 credits; note also the addendum cited below for the Bachelor of Arts degree.

1. Forty credits in pre-professional coursework including 6-8 credits in English to fulfill Basic and Intermediate Composition requirements and courses specified by individual program areas.
2. Completion of the appropriate professional education sequence.
3. Completion of teaching majors and teaching minors appropriate to the student's intended level of certification.
4. Three credits in personal health, first aid, health of the school child, or comprehensive school health education.
5. Completion of University General Education Requirements (see General Education Program).
6. Michigan Test for Teacher Certification (required for state certification):
 - a. *Elementary Education*: Elementary Education Test. Examination in additional major/minor subject area(s) is also highly recommended.
 - b. *Secondary Education*: Tests in major (required) and minor (recommended) subject areas.
 - c. *Special Education (Cognitive Impairment)*: Elementary Education and Cognitive Impairment Tests.
7. Current certification in First Aid and Adult and Child CPR as verified by the Certification Office from a provider approved by the Michigan Department of Education (required for state certification).

BACHELOR OF ARTS in EDUCATION Language Requirement: In addition to the above requirements, the Bachelor of Arts degree requires completion of a foreign language through the intermediate level.

Teaching Certificates (Michigan)

The Michigan Department of Education issues two basic teaching certificates: elementary and secondary. The elementary certificate authorizes an individual to teach all subjects in grades kindergarten

through five, major and minor subject areas in grades six through eight, and all subjects in grades K-8 in a self-contained classroom. The secondary certificate authorizes an individual to teach his/her major and minor subject areas in grades six through twelve. Some majors, such as art, music, health and physical education, and foreign language education (Arabic, French, and Spanish), cover all grades, kindergarten through twelve.

Teaching Certification Requirements

All secondary certificates require an academic major in a subject areas such as English, mathematics, science, or social studies, approved for teaching in grades six through twelve by the State Board of Education. A minor is recommended. An elementary certificate requires a minimum of one academic major or a student-centered minor or major and the Planned Program/Comprehensive Major.

Students are recommended for certification after earning a bachelor's degree from a regionally-accredited institution and completing a specified sequence of professional courses in the College of Education. Holders of a bachelor's degree may also earn a teaching certificate in a post-bachelor certification program or Master of Arts in Teaching program. Additional information about these programs can be obtained from the Office of Academic Services in room 489 Education.

Certification for Post-Baccalaureate Students

A college graduate holding the bachelor's or master's degree may qualify for a teaching certificate by completing a Master of Arts in Teaching degree program, or by completing a recognized post-degree program. See the Wayne State University Graduate Bulletin for general requirements for the Master of Arts in Teaching degree. The student may need to supplement previous degree work in order to satisfy major and minor provisions of the Michigan certification code.

Teaching Certificate Endorsements

Teaching endorsements may be added to any certificate. An individual may add endorsements by completing requirements for academic majors and/or minors in accordance with State regulations. An individual holding an elementary certificate may also earn an endorsement to teach at the secondary level, and vice versa. When adding an additional endorsement, the individual must also pass the Michigan Test for Teacher Certification in that subject area.

Holders of certificates may add an additional endorsement in a content area or in a specialty area. Content areas include English, Language Arts, Mathematics, Science, Social Studies, etcetera. Content endorsements are generally completed with undergraduate coursework in a post-bachelor status. Specialty areas are endorsements seen as more pedagogical or based upon a specific setting in which a subject is taught. A few examples of specialty endorsements are Special Education, Early Childhood Education, English as a Second Language, and Bilingual Education. Many of the specialty endorsements are completed as part of a graduate program and may include only graduate coursework.

For more information regarding adding an endorsement, consult an advisor in the Division of Academic Services, 489 Education Building.

Application for an endorsement must be made within five years after endorsement requirements have been met. State examinations must be passed for all new endorsements.

Office of Educational Partnerships and Experiences

Interim Director: Dr. Linda Hicks
Office: 221 Education Building; 313-577-1644

Prerequisite requirements for student teaching eligibility are:

1. Admission to the College of Education.
2. Completion of course work in teaching major and minor(s) with grades of 'C' or better.
3. Passing of appropriate tests on the Michigan Test for Teacher Certification (MTTC).
4. Satisfactory completion of required courses in the professional education sequence with grades of 'C' or better.
5. Current negative tuberculosis test result.

NOTE: In addition to the above prerequisites, students completing certification requirements directly through the Michigan Department of Education or another university must complete a minimum of six semester credits in the Wayne State University College of Education prior to placement in a student teaching assignment.

Application Procedures

Submit completed application forms to the Office of Educational Partnerships and Experiences prior to the deadline of the appropriate application period (see below).

Application Deadlines

If you want to intern during FALL TERM, materials must be filed online by March 15.

If you want to intern during WINTER TERM, materials must be filed online by September 15.

Advising Offices

Information, written descriptions of programs, and referrals to advisors may be obtained from the following advising offices:

- Health and Physical Education, Room 260, Matthaei Building
- Music Education, 1321 Old Main
- All other programs, Room 489, Education Building

ARYA, POONAM: Ph.D., State University of New York at Buffalo; M.A., M.Ed., B.A., B.Ed., Delhi University; Professor

BABCOCK, ELSIE: M.A.T., B.A., Wayne State University; Lecturer

BALEJA, KATHERINE: Ed.D., Central Michigan University; M.A., Saginaw Valley State University; B.A., Alma College; Lecturer

COLOMA, ROLAND: Ph.D., M.A., Ohio State University; M.A., B.A., University of California, Riverside; Professor

CRAWFORD, KATHLEEN: Ph.D., M.A., B.A., University of Arizona; Associate Professor

CROWLEY, CHRISTOPHER B.: Ph.D., University of Wisconsin-Madison; M.S.Ed., University of Pennsylvania; B.A., St. Lawrence University; Assistant Professor

DEBLASE, GINA: Ph.D., State University of New York at Buffalo; M.Ed., University of Rochester; B.A., State University of New York; Associate Professor

DENICOLA, CHRISTINA: Ph.D., University of Colorado; M.A., University of Michigan; B.A., Western Michigan University; Associate Professor

EBENEZER, JAZLIN: Ph.D., University of British Columbia; M.Ed., B.A., Western Washington University; B.S., Madurai University; Professor

GABEL, SUSAN L.: Ph.D., Michigan State University; M.Ed., Wayne State University; B.A., Oral Roberts University; Professor

GONZALES, SANDRA: Ed.D., M.Ed., Columbia University; M.A., Antioch University; B.S., Michigan State University; Associate Professor

HANCOCK, CHRISTINE: Ph.D., University of Kansas; M.A., Boise State University; B.A., Grinnell College; Assistant Professor

HOLLY, JR., JAMES: Ph.D., Purdue University; M.S., Michigan State University; B.S., Tuskegee University; Assistant Professor

HOWRANI, ANA: M.A., University of Michigan B.A., Denison University; Lecturer

JAMEEL, CHAVON L.: Ph.D., M.Ed., Wayne State University; B.A., Kalamazoo College; Clinical Assistant Professor

KASETA, MICHELE: M.Ed., B.S., Wayne State University; Lecturer

LEWIS, JENNIFER: Ph.D., University of Michigan; M.A., B.A., University of California; Associate Professor

LUCAS, LORI: Ed.S. Wayne State University; Lecturer

MILLER, AMANDA: Ph.D., University of Kansas; M.Ed., Northern Arizona University; B.A., Gustavus Adolphus ; Assistant Professor

MILLER, ANNA G.: M.A., B.A., Wayne State University; Lecturer

MOSELEY, JAMES L.: Ed.D., Wayne State University; Associate Professor Emeritus

OZGUN-KOCA, S. ASLI: Ph.D., Ohio State University; M.A., Middle East Technical University; B.A., Hacettepe University; Professor

PEDRONI, THOMAS: Ph.D., M.S., University of Wisconsin at Madison; B.A., Miami University; Associate Professor

RESSA, THEODOTO: Ph.D., M.A., Ohio State University; B.Ed. Maseno University-Kenya; Assistant Professor

REYNOLDS, AJA: Ph.D., University of Illinois-Chicago; M.Ed., University of Illinois-Chicago; B.A. Pennsylvania State University; Visiting Assistant Professor

RICKS-BATES, ANITA: M.F.A., Wayne State University; M.A., Eastern Michigan University; Lecturer and Program Coordinator Visual Art Education

ROBERTS, KATHRYN: Ph.D., Michigan State University; M.S., Indiana University; B.S., Butler University; Associate Professor

STEPHENS, GERALYN: Ed.D., M.Ed., Wayne State University; B.A., Eastern Michigan University; Clinical Associate Professor

YAREMA, SANDRA L.: Ph.D., Wayne State University; M.S., Lawrence Technological University; B.S., Oakland University; Clinical Assistant Professor

YU, MIN: Ph.D., University of Wisconsin-Madison; M.A., B.A., Beijing Normal University; Assistant Professor

- Elementary Education (B.A.) (<http://bulletins.wayne.edu/undergraduate/college-education/teacher-education/ba-education-elementary-education/>)
- Elementary Education (B.S.) (<http://bulletins.wayne.edu/undergraduate/college-education/teacher-education/bs-education-elementary-education/>)
- Secondary Education (B.A.) (<http://bulletins.wayne.edu/undergraduate/college-education/teacher-education/ba-education-secondary-education/>)
- Secondary Education (B.S.) (<http://bulletins.wayne.edu/undergraduate/college-education/teacher-education/bs-education-secondary-education/>)
- Special Education (B.A.) (<http://bulletins.wayne.edu/undergraduate/college-education/teacher-education/ba-education-special-education/>)
- Special Education (B.S.) (<http://bulletins.wayne.edu/undergraduate/college-education/teacher-education/bs-education-special-education/>)
- Urban Education and Equity Studies Minor (<http://bulletins.wayne.edu/undergraduate/college-education/teacher-education/urban-education-equity-studies-minor/>)
- Visual Arts Education (Teacher Certification) (<http://bulletins.wayne.edu/undergraduate/college-education/teacher-education/visual-arts-education-teacher-certification/>)

Teacher Education Division

TED 2020 Computer Applications in Teaching I Cr. 3

Variety of hands-on experiences where technology is used as a tool to support instruction and assessment purposes in K-12 classrooms. Course activities introduce students to educational technology. Offered Every Term.

TED 2250 Becoming an Urban Educator Cr. 3

Examination of issues surrounding social justice in urban schools and society through the exploration of the historical, political, and social trends that influence education. Course includes a 40-hour service learning field experience. Offered Every Term.

Restriction(s): Enrollment limited to students in the College of Education.

TED 5100 Professional Engagement, Advocacy, and Instructional Planning Cr. 2

Identify sources and impact of teaching beliefs, knowledge, and practices. Design curriculum to organize and enact knowledge, experience, and standards. Develop approaches for student engagement for learning and assessment. Analyze strategies of teacher agency and advocacy. Offered Every Term.

TED 5150 Analysis of Elementary Teaching Cr. 3,5

Satisfies General Education Requirement: Writing Intensive Competency Organization and management of classrooms. Lesson planning, teaching strategies and testing procedures. Work in classroom assigned by both an experienced public school teacher and a University faculty member. Offered Fall, Winter.

Restriction(s): Enrollment limited to students in the College of Education.

Course Material Fees: \$29

TED 5350 Topics in Racial Justice in Education Cr. 3

Topics, theories, pedagogies, and research methodologies related to racial justice in PK-12 schools and in pre-service and in-service teacher education, including white supremacy, racialization, antiracism, and decolonization. Applications to educational policies, curriculum, instruction, and co-curricular activities that are relevant to racial/ethnic minority students and educators in PK-12 schools. Implications for students and educators from diverse and intersectional perspectives. Offered Every Term.

Repeatable for 12 Credits

TED 5400 Topics in LGBTQ+ Studies in Education Cr. 3

Topics, theories, and issues related to sexual orientation, gender identity, and gender expression in PK-12 schools and in pre-service and in-service teacher education. Applications to educational policies, curriculum, instruction, and co-curricular activities that are relevant to lesbian, gay, bisexual, transgender, queer, and questioning (LGBTQ+) students and educators in PK-12 schools. Implications for students and educators from diverse and intersectional perspectives. Offered Every Term.

Repeatable for 12 Credits

TED 5650 Pre-Student Teaching Field Experience for Secondary Majors Cr. 5

Field experience in secondary school settings prior to full-time student teaching. Offered Fall, Winter.

Restriction(s): Enrollment limited to students in the College of Education.

TED 5780 Directed Teaching and Conference Cr. 1-12

Directed teaching in schools at level for which students are preparing for certification. Includes regular conference in which teaching methods in various fields are explored. Offered Fall, Winter.

Restriction(s): Enrollment limited to students in the College of Education.

TED 5790 Directed Teaching and Conference for Special Groups Cr. 1-15

Directed teaching in schools at level for which advanced students are preparing for certification; discussion of educational issues. For students seeking endorsements in special areas; for example: special education, early childhood, art. Students interested in completing general elementary and special education field experiences in the same semester should see advisor for eligibility requirements. Offered Fall, Winter.

Restriction(s): Enrollment limited to students in the College of Education.

Repeatable for 15 Credits

TED 5900 Post-Certification Clinical Experience Cr. 1

This course offers a school-based clinical experience for PK-12 teachers seeking to add an additional content area endorsement (i.e., ESL/BBE, math, social studies, etc.) and/or grade band endorsement (i.e., K-8, 6-12, K-12) to an existing Michigan teaching certification. Experience includes relevant classroom observations; data collection on student learning, instruction, assessment; lesson plan implementation; and collaboration with the course instructor and mentor educators. Offered Every Term.

Repeatable for 4 Credits

TED 6020 Computer Applications in Teaching I Cr. 3

Explore a variety of experiences where technology is used as a tool to enhance and support the teaching, learning and assessment in K-12 classrooms and analyze the impact on instruction. Course activities are designed to familiarize students with the educational technology standards (ISTE), the Michigan K-12 Content Standards and the College of Education lesson plan design. Offered Every Term.

TED 6030 Computer Applications in Teaching II Cr. 3

Use of computing resources to develop problem-solving strategies and multimedia applications for students in specific K-12 curriculum areas. Offered Fall, Winter.

Prerequisite: TED 6020

TED 6140 Local School Curriculum Planning Cr. 1-6

For classroom teachers and teacher educators. Consideration of local problems in elementary and secondary school programs. Planning for better teaching and learning. Offered Intermittently.

Repeatable for 12 Credits

TED 6370 Equity and Inclusion in Diverse Urban Education Settings Cr. 4

Clinical based course, using inclusive instructional practices for all students including, but not limited to, students with disabilities, English Language Learners, and special populations such as: at-risk, and gifted and talented in inclusive urban settings. Offered Fall.

TED 6380 Integrating Content Cr. 1-12

Current issues and trends related to integrating content areas; theory, methods, materials and strategies. Content areas announced in Schedule of Classes. Offered Yearly.

Repeatable for 12 Credits

American Sign Language

ASE 3000 American Sign Language I Cr. 3

This course is an introduction to American Sign Language (A.S.L.). A.S.L. will be taught through four categories: cultural awareness, grammatical features, vocabulary development and conversational skills. Students will develop mastery of targeted vocabulary, conversational facilitating behaviors, and conversational regulating behaviors. Offered Fall.

ASE 3020 American Sign Language II Cr. 3

This is the second in a series of courses designed to further the development of comprehension and production abilities in American Sign Language (ASL). Lessons are designed around recognition and demonstration of more sophisticated grammatical features of ASL with focus on increasing fluency and accuracy. Cultural awareness of the Deaf communities of the world are also instilled. Offered Fall, Spring/Summer.

Prerequisite: ASE 3000

ASE 3030 American Sign Language III Cr. 3

This is the third in a series of courses designed to further develop comprehension and production abilities in American Sign Language (ASL). Lessons are designed around recognition and demonstration of more sophisticated grammatical features of ASL with focus on increasing fluency and accuracy. Cultural awareness of the Deaf communities of the world are also instilled. Offered Fall.

Prerequisite: ASE 3000 and ASE 3020

ASE 3040 American Sign Language IV Cr. 3

This is the fourth in a series of courses designed to further development of comprehension and production abilities in American Sign Language (ASL). Lessons are designed around recognition and demonstration of more sophisticated grammatical features of ASL with focus on increasing fluency and accuracy. Cultural awareness of the Deaf communities of the world are also instilled. Offered Winter.

Prerequisite: ASE 3030

Art Education, Visual

AED 5000 Introduction to Art Education Cr. 3

Design of developmentally appropriate and comprehensive art experiences, teaching strategies, and authentic assessment of student learning in art. History, theories and philosophies of visual arts education; contemporary trends and issues. Offered Fall.

Restriction(s): Enrollment limited to students in the College of Education.

Course Material Fees: \$15

AED 5020 Painting: Methods and Materials Cr. 3

Methods, materials and processes suitable for teaching painting in the schools. Subject selection, composition, surface selection and preparation, mixing and application of paint, finishing, and presentation. Students develop basic skills in painting for personal artistic expression. Offered Fall.

Restriction(s): Enrollment limited to students in the College of Education.

Course Material Fees: \$15

Repeatable for 9 Credits

AED 5050 Integrating the Arts into the Elementary Classroom Cr. 3

Satisfies General Education Requirement: Cultural Inquiry, Visual Performing Arts

Introductory course: integration of visual arts, music, dance, and theatre into the teaching, learning and curriculum of the elementary classroom. Offered Fall, Winter.

Prerequisites: (2 of (ELE 3300, ELE 6290, ELE 6390, ELE 6500, ELE 6600, ELE 3400, ELE 3500, or ELE 3600) and 1 of (ELE 3320 or ELE 6310)) or TED 5150

Course Material Fees: \$30

AED 5070 Methods and Materials of Sculptural Expression Cr. 3

Exploration of three-dimensional forms using various media; emphasis on sculptural concepts, materials, tools and techniques related to teaching sculpture on the elementary and secondary level. Offered Fall.

Restriction(s): Enrollment limited to students in the College of Education.

Course Material Fees: \$15

AED 5100 Topics in Art Education Cr. 1-3

Art experiences designed for the specific needs of special groups. Topics to be announced in Schedule of Classes. Offered Winter.

Restriction(s): Enrollment limited to students in the College of Education.

Course Material Fees: \$15

AED 5150 Computer Graphics in the Classroom Cr. 3

Introduction to digital media and the production of computer graphics by using drawing, painting, graphic design, animation, video and web techniques. Offered Spring/Summer.

Restriction(s): Enrollment limited to students in the College of Education.

AED 5160 Theory and Practice in Art Education Cr. 3

Development and analysis of instructional objectives in art education; organization and management of art classrooms; teaching strategies and assessment practices. Offered Spring/Summer.

Restriction(s): Enrollment limited to students in the College of Education.

AED 5230 Ceramics Education I Cr. 3

An overview of handbuilding processes, various firing procedures including blackware and raku, decorating, glazing and equipment maintenance. Emphasis placed on the educational benefits and procedures for working with people of various ages and the management of materials for teaching. Offered Spring/Summer.

Restriction(s): Enrollment limited to students in the College of Education.

Course Material Fees: \$25

AED 5280 Printmaking: Methods and Materials Cr. 3

Studio exploration of relief, planographic, intaglio, and stencil processes as methods of reproduction for artistic expression. Examination of tools, methods and processes suitable for the classroom. Includes study in lithography, dry point, etching, calligraphy, woodcut, linocut, and photo screen processes. Offered Spring/Summer.

Restriction(s): Enrollment limited to students in the College of Education.

Course Material Fees: \$15

Repeatable for 9 Credits

AED 5650 Art Teaching Laboratory Cr. 3

Laboratory experience in teaching art to elementary, middle, and high school students. Pre-student teaching experiences under close supervision of an experienced Visual Arts teacher. Offered Fall.

Prerequisites: AED 5100 with a minimum grade of D- (may be taken concurrently) and AED 5160 with a minimum grade of D-

Restriction(s): Enrollment limited to students in the College of Education.

AED 5690 Collage, Assemblage, and Multi-Media: Methods and Materials Cr. 3

History and methods of creating collage, assemblage, and multi-media art works. Integration of developmental issues, use of personal meaning and experience for lesson planning, unit planning, and work assessment strategies. Offered Winter.

Prerequisites: (AH 1110, AH 1120, ADR 1050, and ADR 1060) or (ADR 2070, APA 2100, and ASL 2150)

Course Material Fees: \$40

AED 5890 The Art of Indigenous Cultures: Inclusion in the K-12 Curriculum Cr. 3

Focus on non-Western, indigenous art forms, such as Balinese architecture, ceramics of Papua New Guinea, Aboriginal painting, Precolumbian culture, and Japanese gardens; means of integrating this content into the K-12 Curriculum. Offered Winter, Spring/Summer.

Prerequisites: AH 1110 and AH 1120

AED 6230 Ceramics Education II Cr. 3

Emphasis is placed on throwing procedures, the use of various clay bodies, firing at various temperatures, making and using tools, ceramic history and its use and benefits in a school curriculum. Offered Spring/Summer.

Restriction(s): Enrollment limited to students in the College of Education.

Course Material Fees: \$35

Repeatable for 9 Credits

Bilingual/Bicultural Education

BBE 1005 Multicultural Education in Urban America Cr. 2

Cultural, social, political and economic realities of our complex, pluralistic society in relation to our education system. Development of analytical and evaluative abilities of teachers to deal with racism, sexism, value clarification and the parity of power. Strategies for multicultural education. Offered Every Term.

BBE 5000 Multicultural Education in Urban America Cr. 2

Cultural, social, political and economic realities of our complex, pluralistic society in relation to our education system. Development of analytical and evaluative abilities of teachers to deal with racism, sexism, value clarification and the parity of power. Strategies for multicultural education. Offered Every Term.

Restriction(s): Enrollment is limited to Graduate level students.

BBE 5500 Introduction to Bilingual/Bicultural Education Cr. 3

Survey of the history and legislative background of bilingual/bicultural education in the United States. Emphasis on the foundations, methods, concepts and theories of bilingual/bicultural education. Offered Intermittently.

BBE 6560 Teaching Methods in Bilingual/Bicultural Education Cr. 3

Utilization of traditional and innovative materials, techniques and methods in teaching elementary and secondary school subjects in a bilingual education program. Offered Intermittently.

BBE 6590 Culture and Language in Bilingual/Bicultural Education Cr. 1-3

Research and application of multicultural activities for designing processes to bring language and culture, and instruction in English, into the classroom. Offered Yearly.

Repeatable for 3 Credits

BBE 6600 Internship in Bilingual/Bicultural Teaching Cr. 2-12

Internship in a bilingual, multicultural setting; assessment of the cultural, educational, and linguistic needs of students of limited English-speaking ability. Offered Intermittently.

Repeatable for 12 Credits

BBE 6850 Applied Linguistics: Issues in Bilingual Education Cr. 3

Current major models of applied English linguistics, contrasting linguistics with special reference to the comparison of English and linguistic minority languages. Offered Yearly.

Career and Technical Education

CTE 5401 Instructional Practices for the Career and Technical Education

Classroom: Module 1 Cr. 1

The series is specifically for students seeking a vocational endorsement to teach in federally funded, secondary CTE classrooms. This module reviews the history of CTE and its impact on industry. Offered Every Term.

CTE 5402 Instructional Practices for the Career and Technical Education

Classroom: Module 2 Cr. 1

This is Module Two of a six (6) module series. The series is specifically for students seeking a vocational endorsement to teach in federally funded, secondary CTE classrooms. This module reviews MCCTE Navigator standards and their relationship to industry expectations. Offered Every Term.

CTE 5403 Instructional Practices for the Career and Technical Education

Classroom: Module 3 Cr. 1

This is Module Three of a six (6) module series. The series is specifically for students seeking a vocational endorsement to teach in federally funded, secondary CTE classrooms. This module reviews mastery-learning, performance-based and project-based instructional strategies in the CTE classroom. Offered Every Term.

CTE 5404 Instructional Practices for the Career and Technical Education

Classroom: Module 4 Cr. 1

This is Module four of a six (6) module series. The series is specifically for students seeking a vocational endorsement to teach in federally funded, secondary CTE classrooms. This module reviews assessment strategies in the CTE classroom. Offered Every Term.

CTE 5405 Instructional Practices for the Career and Technical Education

Classroom: Module 5 Cr. 1

This is Module five of a six (6) module series. The series is specifically for students seeking a vocational endorsement to teach in federally funded, secondary CTE classrooms. This module reviews Career Technical Student Organization (CTSO) and industry partner relationships. Offered Every Term.

CTE 5406 Instructional Practices for the Career and Technical Education

Classroom: Module 6 Cr. 1

This is Module six of a six (6) module series. The series is specifically for students seeking a vocational endorsement to teach in federally funded, secondary CTE classrooms. This module reviews strategies for remaining current with industry and teaching profession trends. Offered Every Term.

CTE 5501 Instructional Practices for the Teacher Cadet Classroom - Module 1 Cr. 1

This is Module one of a six (6) module series. The series provides a review of teaching/learning concepts as required for the Teacher Cadet (VG) vocational endorsement. This module reviews early childhood concepts and related classroom and parent practices. Offered Every Other Year.

CTE 5502 Instructional Practices for the Teacher Cadet Classroom - Module 2 Cr. 1

This is Module two of a six (6) module series. The series provides a review of teaching/learning concepts as required for the Teacher Cadet (VG) vocational endorsement. This module reviews education concepts for preschoolers and related classroom and parent practices. Offered Every Other Year.

CTE 5503 Instructional Practices for the Teacher Cadet Classroom - Module 3 Cr. 1

This is Module three of a six (6) module series. The series provides a review of teaching/learning concepts as required for the Teacher Cadet (VG) vocational endorsement. This module reviews brain-based learning theory and its impact in the preschool classroom. Offered Every Other Year.

CTE 5504 Instructional Practices for the Teacher Cadet Classroom - Module 4 Cr. 1

This is Module four of a six (6) module series. The series provides a review of teaching/learning concepts as required for the Teacher Cadet (VG) vocational endorsement. This module reviews education concepts for primary students and related classroom and parent practices. Offered Every Other Year.

CTE 5505 Instructional Practices for the Teacher Cadet Classroom - Module 5 Cr. 1

This is Module five of a six (6) module series. The series provides a review of teaching/learning concepts as required for the Teacher Cadet (VG) vocational endorsement. This module reviews enhancing the instructional delivery system to accommodate special needs learners in the primary and early elementary classroom. Offered Every Other Year.

CTE 5506 Instructional Practices for the Teacher Cadet Classroom - Module 6 Cr. 1

This is Module six of a six (6) module series. The series provides a review of teaching/learning concepts as required for the Teacher Cadet (VG) vocational endorsement. This module reviews family and parent involvement best practices in school settings. Offered Every Other Year.

CTE 6010 History and Principles of Career and Technical Education Cr. 3

Overview of organization and administration at the federal, state, and local levels. Recent developments and their significance for school reform and improvement; business and industry linkages. Offered Yearly.

Education

ED 3990 Directed Study Cr. 1-6

Offered Every Term.

Repeatable for 6 Credits

ED 4998 Education Honors Thesis Cr. 3-4

Independent research project, essay, or creative project. Students are responsible for identifying their own research project and full-time faculty mentor. Offered Every Term.

Restriction(s): Enrollment limited to students with a class of Junior or Senior; enrollment limited to students in the College of Education.

ED 5998 Field Studies Cr. 1-8

Supervised professional study in field settings. Offered Every Term.

Repeatable for 8 Credits

Educational History and Philosophy

EHP 3600 Introduction to the Philosophy of Education Cr. 3

Leading philosophies of education as they bear upon education as a profession and as a discipline. Offered Every Term.

Restriction(s): Enrollment limited to students in the College of Education.

Elementary Education

ELE 6010 Family Centered Collaboration in Early Childhood Intervention and Special Education Cr. 3-4

Theories, concepts and practices of family centered intervention services for young children with special needs. Team-building and cross-disciplinary communication and collaboration with families. Offered Fall.

Restriction(s): Enrollment limited to students in the College of Education.

Equivalent: PSY 6010, SW 6010

ELE 6020 Seminar in Early Childhood Cr. 3

Satisfies General Education Requirement: Writing Intensive Competency Educational programs for young children in child care centers, kindergartens, and the primary grades. Improved human relationships, choices for children, play as a way of learning. Offered Yearly.

Restriction(s): Enrollment limited to students in the College of Education.

ELE 6030 Assessment of Young Children in Educational Settings Cr. 3

Strategies for authentic assessments of young children in school and family educational settings. Offered Yearly.

ELE 6040 Role of Content Areas in Early Childhood Education Cr. 2-8

Child growth and development as related to the content areas within the early childhood years (birth to eight years). Appropriate subject matter, field experience, reference materials, audio-visual resources in the lives of young children. Topics to be announced in Schedule of Classes. Offered Spring/Summer.

Restriction(s): Enrollment limited to students in the College of Education.

Repeatable for 8 Credits

ELE 6050 Infant and Toddler Development to Inform Relationship-Based Curricula and Interventions Cr. 3

Children's growth and development from conception through 3-years of age; emphasis on ecological aspects of infancy and toddler years; pivotal foundations of children's developmental competencies within relationship-based interventions and curriculum. Offered Winter.

Restriction(s): Enrollment limited to students in the College of Education.

ELE 6060 Community Contacts: Working with Families in Urban Settings Cr. 3

Programs and services within the community that assist families in improving educational services for the child. Offered Yearly.

ELE 6070 Family, Community and School Partnerships: Supporting Children's Learning Cr. 3

Theory and practice in joining families, communities, and schools in promoting children's learning, development and success in school. Strengths and needs of families in a diverse, multicultural society, teachers' roles in concert with other disciplines in supporting families and building partnerships, and connection with community resources. Offered Yearly.

ELE 6080 Preprimary Goals and Practices Cr. 3

Topics related to development and learning of preschool child, role of teacher as facilitator, impact of family and community. Offered Fall, Winter.

Prerequisites: ED 5998 with a minimum grade of C (may be taken concurrently) and TED 5790 with a minimum grade of C (may be taken concurrently)

Restriction(s): Enrollment limited to students in the College of Education.

ELE 6090 Introduction to Infant Mental Health Theory and Practice Cr. 3

Concepts of infant mental health theory and practice as a developmental framework for the observation, assessment and understanding of infant-parent behaviors and interactions as indicators of strengths and risks in the security of the attachment relationship. Offered Yearly.

ELE 6100 Planning and Implementing Preschool Curriculum Cr. 3

Planning, implementing, and evaluating all aspects of preschool curriculum: activities, routines, and working with staff and parents. Offered Intermittently.

ELE 6200 Diverse Children's Literature for Elementary Teachers Cr. 3

This course is a survey of children's literature where we will explore, through reading and discussion, a wide range of genres and issues related to children's books with a focus on culturally responsive literature in the elementary school curriculum. Offered Every Term.

Restriction(s): Enrollment limited to students in the College of Education.

ELE 6220 Literacy I Cr. 3

Theoretical foundations for literacy, investigation of beginning reading and writing constructs and processes, teaching strategies and instructional material. Evaluating literacy skills and knowledge through formal and informal measures and reporting to parents and other professionals. Implications of multiculturalism, special needs, and English language learners. Offered Every Term.

Restriction(s): Enrollment limited to students in the College of Education.

ELE 6240 Literacy II Cr. 3

Development of comprehension in literature and informational material, instructional strategies and material with emphasis on integrated instruction. Evaluation of the development of comprehension and writing through formal and informal measures and reporting to parents and other professionals. Implications of multiculturalism, special needs, and English language learners. Offered Every Term.

Prerequisite: ELE 6220 with a minimum grade of C

Restriction(s): Enrollment limited to students in the College of Education.

ELE 6260 Literacy III Cr. 3

Literacy theory and research and its application to language arts instruction in elementary and middle schools: reading, writing, speaking, listening, viewing, and visually representing. Implications of multiculturalism, special needs, and English language learners. Offered Fall.

Prerequisite: ELE 6220 with a minimum grade of C and ELE 6240 (may be taken concurrently) with a minimum grade of C

Restriction(s): Enrollment limited to students in the College of Education.

ELE 6340 Teaching Reading in Early Childhood Education Cr. 3

Rationale for teaching reading and various reading skills to young children. Materials and methods for initial reading instruction. Offered Yearly.

Restriction(s): Enrollment limited to students in the College of Education.

ELE 6390 Mathematics Instruction: P-8 Cr. 3

Developing mathematics skills in elementary and middle schools. Students plan, implement and evaluate learning experience with children under professional guidance. Offered Fall, Winter.

Restriction(s): Enrollment limited to students in the College of Education.

ELE 6500 Science Curriculum: P-8 Cr. 3

Role of learning in science in the curriculum. Objectives, plans of organization for learning, resources materials. Overview of balanced program. Experiences with appropriate experiments, field trips, reference materials, audio-visual resources. Offered Yearly.

Restriction(s): Enrollment limited to students in the College of Education.

Course Material Fees: \$10

ELE 6600 Social Studies Curriculum: P-8 Cr. 3

Social studies program in elementary and middle schools emphasizing intellectual, social and affective development. Designing programs based on social priorities, modern socioeconomic, cultural, ethnic, political concepts. Offered Every Term.

Restriction(s): Enrollment limited to students in the College of Education.

ELE 6610 Current Developments in Early Childhood General and Special Education Cr. 1-6

Topics on developments in research-based recommended practices on early childhood general and special education, covered through seminars and workshops; early intervention and educational implications for children from birth to eight years old. Topics to be announced in Schedule of Classes. Offered Intermittently.

Repeatable for 6 Credits

English Education

EED 5200 Methods of Teaching English: Grades 7-12 Cr. 3

Introduction to the purposes and methods of teaching English composition and literature in grades seven through twelve. Offered Every Term.

Restriction(s): Enrollment limited to students in the College of Education.

EED 6120 English Composition in Secondary Schools Cr. 3

Analysis of modes of writing; relationship of grammar and composition; integration with literature and reading; approaches to group and individualized instruction; relation of composition to perception, cognition, critical thinking, motivation, and self-awareness. Offered Fall, Winter.

Restriction(s): Enrollment limited to students in the College of Education.

EED 6210 Language, Literacy, and Learning Cr. 3

Teaching of language, grammar, and usage in English language arts classrooms, based in sociocultural and sociolinguistic approaches to teaching literacy and language. Offered Fall, Winter.

Restriction(s): Enrollment limited to students in the College of Education.

EED 6310 Young Adult Literature Cr. 3

Standards for evaluating young adult literature. Selection of literature for individual students in relation to interest and reading ability. Use of classroom collections. Techniques for helping students read poetry, drama and fiction. Offered Yearly.

Equivalent: INF 6530

EED 6330 Teaching Literature in Secondary Schools Cr. 3

Structure of poetry, fiction and drama in relation to aesthetic, social, and psychological needs of secondary school students. Relationship of teaching methods to curriculum patterns. Offered Every Term.

Restriction(s): Enrollment limited to students in the College of Education.

Language Education

LED 5300 Teaching Chinese as a Second Language Cr. 1-3

Introduction to basic teaching grammar and sound rules and general teaching methodology. Offered Winter.

Prerequisites: CHI 3100 with a minimum grade of D-

Equivalent: CHI 5300

LED 5850 Assessment in the Foreign Language Classroom Cr. 3

Theoretical basis of second language teaching models; historical overview of methodologies; current trends in teaching of reading, writing, listening, speaking, and culture. Implications of methodology on materials, classroom techniques, and assessment. Offered Every Other Year.

Equivalent: LGL 5850

LED 6500 Teaching World Languages in Elementary and Middle Schools: Methods III Cr. 3

Approaches and techniques; review of theory and practice relevant to young learners. Students teach mini-lessons and prepare materials based on national standards and age-appropriate methodologies. Offered Yearly.

Restriction(s): Enrollment limited to students in the College of Education.

LED 6510 Second Language Acquisition and the Teaching of Grammar Cr. 3

Seminar and intensive review of major models of applied sociolinguistics and psycholinguistics; second language acquisition research and teaching of grammar in K-12 education. Offered Yearly.

Restriction(s): Enrollment limited to students in the College of Education.

LED 6520 Teaching English as a Second Language/Foreign Language: Methods I Cr. 3

Methods and techniques; fundamental theory and practice; English as an international/intranational language. Students micro-teach lessons and prepare teaching materials which emphasize the listening and speaking language skills. Offered Yearly.

Restriction(s): Enrollment limited to students in the College of Education.

LED 6530 Teaching English as a Second Language/Foreign Language: Methods II Cr. 2-3

Methods and techniques; English as an international/intranational language. Students micro-teach lessons and prepare teaching materials which emphasize the reading and writing language skills. Offered Yearly.

Restriction(s): Enrollment limited to students in the College of Education.

LED 6555 Integration of Language and Content in Language Teaching Cr. 1-3

Examination and evaluation of instructional strategies used to teach content and develop a second language in specific content/language area instruction. Offered Yearly.

Restriction(s): Enrollment limited to students in the College of Education.

Repeatable for 3 Credits

LED 6565 Assessment in Language Teaching Cr. 1-3

Instruments, techniques, and strategies in the assessment, placement, and evaluation of second language instruction, including language learners in K-12 and post-secondary education. Offered Yearly.

Restriction(s): Enrollment limited to students in the College of Education.

Repeatable for 3 Credits

LED 6580 Culture as the Basis for Language Teaching Cr. 2-4

Culture examined in a multidisciplinary theoretical framework, to provide students with objective relativistic and holistic attitude about human diversity, enabling them to relate to pupils in urban areas. Offered Every Other Year.

Repeatable for 4 Credits

Mathematics Education

MAE 1000 Detroit by the Numbers Cr. 3

Satisfies General Education Requirement: Quantitative Experience Comp
Designed for students to experience mathematics as doable, meaningful, and relevant to their lives. Students will study the city of Detroit by analyzing data and reasoning through quantitative tools presented by local agencies, such as health, environment, education, arts, and sports. Offered Every Term.

MAE 5100 Geometry for Middle School Teachers Cr. 3

Development of Euclidean geometry as a mathematical system; related historical topics; introduction to other geometries; selected topics such as transformations and tessellations. No credit toward a major or minor for secondary mathematics teaching. Offered Every Other Year.

Prerequisites: MAT 1110 with a minimum grade of C- and MAT 1120 with a minimum grade of C-

Equivalent: MAT 5180

MAE 5110 Number Theory for Middle School Teachers Cr. 3

Topics from elementary theory of numbers which underlie middle school mathematics; historical connections; role of abstraction and proof in mathematics. No credit toward a major or minor for secondary mathematics teaching. Offered Every Other Year.

Prerequisites: MAT 1800 with a minimum grade of C- or MAT 1120 with a minimum grade of C-

Equivalent: MAT 5190

MAE 5120 Abstract Algebra for Middle School Teachers Cr. 3

Topics from elementary abstract algebra underpinning middle school mathematics curriculum; historical connections; role of abstraction and proof in mathematics. No credit towards major in mathematics or secondary mathematics. Offered Every Other Year.

Prerequisites: MAT 1120 with a minimum grade of C- and MAT 1800 with a minimum grade of C-

Equivalent: MAT 5120

MAE 5130 Problem Solving for Middle School Teachers Cr. 3

Development of mathematical problem solving in middle grades mathematics education; study of non-routine problems; problem solving strategies; historical connections; connections to selected mathematics content and to topics in other disciplines. No credit towards a mathematics major or secondary mathematics education major. Offered Every Other Year.

Prerequisites: MAT 1120 with a minimum grade of C- and MAT 1800 with a minimum grade of C-

Equivalent: MAT 5130

MAE 5150 Methods and Materials of Instruction: Secondary School Mathematics Cr. 3

Mathematics in secondary school; major concepts of secondary school mathematics; methods and instructional materials; classroom administration; modern trends. Offered Yearly.

Restriction(s): Enrollment limited to students in the College of Education.

MAE 6050 Teaching Mathematics in the Middle Grades Cr. 3

Creative use of resources and materials for improving the mathematics competencies of middle school and junior high school students; organizing the mathematics classroom for effective instruction; promising trends; related research. Offered Yearly.

Restriction(s): Enrollment limited to students in the College of Education.

MAE 6150 Special Topics Cr. 1-6

Current issues and trends; areas of neglected content; curriculum proposals; related research. Topics to be announced in Schedule of Classes. Offered Intermittently.

Repeatable for 12 Credits

MAE 6200 Teaching Arithmetic, Algebra and Functions from an Advanced Perspective Cr. 3

Students gain profound understanding of K-12 mathematics. Concepts underlying K-12 topics and procedures; connections to higher mathematics. Teaching with Simplicity; applying mathematical understanding to teaching practices. Offered Fall.

Prerequisites: MAT 5120, MAT 6170, or MAT 6180

Equivalent: MAT 6200

MAE 6210 Teaching Geometry, Probability and Statistics, and Discrete Mathematics from an Advanced Perspective Cr. 3

Historical perspectives, common conceptions and misconceptions, applications, technology, and mathematical connections relative to teaching geometry (including trigonometry), probability and statistics, and discrete mathematics in secondary school. Offered Winter.

Equivalent: MAT 6210

MAE 6400 Elementary School: Mathematics Curriculum and Assessment Cr. 3

Developing competence in school mathematics programs: objectives, procedures, materials, organizational patterns, evaluation. Offered Intermittently.

MAE 6450 Integrating Literature and Mathematics in the Elementary School Cr. 3

Examining the potential of literature for exploration of various mathematical concepts and relationships. Offered Intermittently.

Reading, Language and Literature Education

RLL 6121 Teaching Reading in the Content Areas: Grades 6-12 Cr. 3

Teaching reading across all content areas with particular attention to readers with special needs. Offered Every Term.

Restriction(s): Enrollment limited to students in the College of Education.

RLL 6700 Second Language Literacy Development: K-12 Cr. 3

Examination of theories, organizations and instructional strategies involved in second language literacy development, and their applications in the classroom. Offered Fall, Spring/Summer.

Prerequisite: LED 6520 with a minimum grade of C-

RLL 6801 Assessment and Differentiated Instruction for Diverse Learners: Pre-K-8 Cr. 3

Assessment of literacy competencies of diverse learners; use of assessments to plan and implement differentiated instruction in grades PreK-8. Implementation with students in field component; and evaluation. Offered Every Term.

Restriction(s): Enrollment limited to students in the College of Education.

RLL 6802 Assessment and Differentiated Instruction for Diverse Learners: 6-12 Cr. 3

Assessment of literacy competencies of diverse learners; use of assessments to plan and implement differentiated instruction in grades 6-12. Implementation with students in field component; and evaluation. Offered Every Term.

Restriction(s): Enrollment limited to students in the College of Education.

Science Education

SCE 5010 Biological Sciences for Elementary and Middle School Teachers Cr. 3

Significant biological principles, generalizations and understandings with relation to their use with children. Appropriate learning activities; experiments, field trips, text and reference materials, audio-visual resources, evaluation. Offered Every Term.

Course Material Fees: \$10

SCE 5020 Physical Sciences for Elementary and Middle School Teachers Cr. 3

Significant principles, generalizations and understandings in the physical sciences with relation to their use with children. Appropriate learning activities including experiments, field trips, reference materials, audio-visual resources. Offered Every Term.

Course Material Fees: \$10

SCE 5030 Earth/Space Science for Elementary and Middle School Teachers Cr. 3

Principles, generalizations and understandings related to teaching earth/space science to children. Learning activities, field trips, technology, and evaluation. Offered Every Term.

Course Material Fees: \$10

SCE 5060 Methods and Materials of Instruction in Secondary School Science I Cr. 3

Role of science in the secondary curriculum. Problems and techniques of teaching science in the secondary schools; objectives, planning laboratory experiments, demonstrations, directed study, student projects, text and reference material, audio-visual resources, evaluation. Offered Fall.

Restriction(s): Enrollment limited to students in the College of Education.
Course Material Fees: \$10

SCE 5070 Methods and Materials of Instruction in Secondary School Science II Cr. 3

Problems of selecting and organizing teaching-learning materials in secondary school science. Development of illustrative instructional units. Resources for professional growth of science teachers; professional literature and organizations. Offered Winter.

Restriction(s): Enrollment limited to students in the College of Education.

SCE 6010 Safety in the Science Classroom Cr. 2

Principles of Laboratory safety in all K-12 science classrooms, including legal responsibilities related to the use, storage and disposal of chemicals and biological specimens as well as legal and ethical use of living organisms in the classroom. Offered Winter.

Restriction(s): Enrollment limited to students in the College of Education.

SCE 6030 Advanced Studies in Teaching Science in the Junior High and Middle School Cr. 3

Innovations and improvements in middle school and junior high school science teaching. Exploration of appropriate areas of study, development and selection of learning activities and materials; laboratory experiences in selected areas. Offered Every Other Year.

Restriction(s): Enrollment limited to students in the College of Education.

SCE 6040 Advanced Studies in Teaching Science in the High School Cr. 3

Emphasis on methods of teaching biology and the physical sciences in the high school. Recent curriculum studies, research, and current problems. Laboratory experiments, equipment, textual and reference material, audio-visual resources, and evaluation procedures. Offered Every Other Year.

Course Material Fees: \$10

SCE 6080 Teaching Environmental Studies Cr. 3

Ecological concepts and environmental problems, possible solutions, and their implications for curriculum development and classroom teaching in K-12 educational settings. Science as a process is stressed throughout classroom activities, field trips, and assignments. Offered Every Other Year.

Course Material Fees: \$10

SCE 7010 Special Topics in Science Education Cr. 1-3

Current theories and issues related to science education: nature of science, equity, global education, interdisciplinary approaches, alternative forms of assessment and technology integration. Topics to be announced in Schedule of Classes. Offered Every Other Year.

Restriction(s): Enrollment is limited to Graduate level students.

Repeatable for 6 Credits

Social Studies Education

SSE 5720 Social Studies Disciplines for Elementary Teachers I Cr. 3

Students explore the content knowledge and major concepts of American History, Michigan Studies, and Geography to help prepare PK-6 learners to make informed decisions as citizens of a culturally diverse, democratic society and interdependent world. Offered Every Term.

SSE 6710 Methods and Materials of Instruction in Secondary Social Studies Cr. 3

Foundations of social studies instruction and curriculum; methods of teaching in middle and senior high school, including the use of state standards in the design of instruction, teaching approaches for the various social studies disciplines, their interdisciplinary application, diversity and appreciation of other cultures. Offered Every Term.

Restriction(s): Enrollment limited to students in the College of Education.

SSE 6720 Teaching the Interdisciplinary Knowledge of Social Studies Cr. 3

Building interdisciplinary knowledge and pedagogical skills in the social studies, including media literacy. Offered Fall.

SSE 6730 New Perspectives in Social Studies Education Cr. 3

Development of curricular lesson plans, unit plans, and other teaching strategies utilizing current approaches in social studies education. Offered Winter, Spring/Summer.

Restriction(s): Enrollment limited to students in the College of Education.

Special Education

SED 5000 History, Philosophy, and Ethics of Teaching Students with Disabilities Cr. 2

Historical developments leading to contemporary special and inclusive education. Philosophy of inclusive education. Ethical standards for special educators. This is a prerequisite for all SED courses. Offered Fall, Winter.

SED 5010 Inclusive Teaching Cr. 2

Philosophy and practice of inclusive teaching; legal and ethical responsibilities of educators; practical, empirically supported, and classroom tested approaches; collaborations of service providers; and home-school-society relationships. Offered Yearly.

SED 5075 Consultation and Collaboration for Inclusive Teaching Cr. 2

Knowledge and skills of consultation, collaboration, and co-teaching to support students in a variety of educational settings, particularly inclusive contexts. Offered Intermittently.

Prerequisites: SED 5000 with a minimum grade of C

SED 5080 Supportive Environments, Engaged Learning Cr. 2

Relationships between environment, student engagement, and learning. Approaches for creating supportive, inclusive learning environments and increasing student engagement in learning. Offered Winter.

Prerequisites: SED 5000 with a minimum grade of C

SED 5090 Transitions for Students with Disabilities Cr. 2

Strategies for supporting students with disabilities and special needs who are in transition between schools and from school to adult life in community settings. Offered Fall, Winter.

Prerequisites: SED 5000 with a minimum grade of C

Course Material Fees: \$4

SED 5110 Introduction to Teaching Students with Moderate/Significant Support Needs Cr. 3

Medical terminology and interventions for students labeled cognitively impaired. Social model framework for understanding and supporting students with moderate to significant support needs (e.g., MARSE, cognitive impairment). Offered Fall.

Prerequisites: SED 5000 with a minimum grade of C, SED 5010 with a minimum grade of C, SED 5075 with a minimum grade of C, SED 5080 with a minimum grade of C, and SED 5090 with a minimum grade of C

SED 5115 Observation and Assessment of Students with Moderate/Significant Support Needs Cr. 3

Using observation and assessment to monitor learning and plan instruction for learners with moderate to significant support needs (e.g., MARSE label cognitive impairment) in variety of educational contexts. Offered Yearly.

Prerequisites: SED 5000 with a minimum grade of C, SED 5010 with a minimum grade of C, SED 5075 with a minimum grade of C, SED 5080 with a minimum grade of C, and SED 5090 with a minimum grade of C
Course Material Fees: \$8

SED 5121 Language Development and Instruction for Students with Moderate/Significant Support Needs Cr. 2

Language-communication development and instruction for students with moderate to significant educational support needs (e.g., MARSE label cognitive impairment). Emphasis on utilizing augmentative and alternative communication systems. Offered Fall.

Prerequisites: SED 5000 with a minimum grade of C, SED 5010 with a minimum grade of C, SED 5075 with a minimum grade of C, SED 5080 with a minimum grade of C, and SED 5090 with a minimum grade of C

SED 5125 Teaching Students with Significant/Multiple Support Needs Cr. 3

Curriculum and instructional for students with significant/multiple impairments in a variety of educational contexts (e.g., students with the label SXI). Offered Yearly.

Prerequisites: SED 5000 with a minimum grade of C, SED 5010 with a minimum grade of C, SED 5075 with a minimum grade of C, SED 5080 with a minimum grade of C, and SED 5090 with a minimum grade of C
Course Material Fees: \$5

SED 5130 Teaching Students with Moderate Support Needs Cr. 3

Curriculum and instruction for students with moderate support needs (e.g., MARSE label cognitive impairment) in a variety of educational contexts. Offered Winter.

Prerequisites: SED 5000 with a minimum grade of C, SED 5010 with a minimum grade of C, SED 5075 with a minimum grade of C, SED 5080 with a minimum grade of C, SED 5090 with a minimum grade of C, and SED 5110 with a minimum grade of C
Course Material Fees: \$3.5

SED 5260 Effective Instructional Strategies for Exceptional Learners Cr. 3

Effective instructional strategies for students with special needs; multi-level and differentiated instruction, scaffolding, multi-modal instruction. Offered Fall.

Prerequisite: SED 5030

Restriction(s): Enrollment limited to students in the College of Education.

SED 6010 Seminar in Special Education Teaching Cr. 2

Selected topics, problem solving, and reflection on experiences as a student teacher facilitating the learning of children with a mental and/or related disability. Offered Yearly.

Restriction(s): Enrollment limited to students in the College of Education.

SED 6021 Introduction to Teaching Students with Autism Spectrum Disorder Cr. 3

Historical and current research on autism spectrum disorder (ASD), with professional and personal perspective. Focus on supports, services, and quality of life outcomes. Offered Intermittently.

Prerequisites: SED 5000 with a minimum grade of C, SED 5010 with a minimum grade of C, SED 5075 with a minimum grade of C, SED 5080 with a minimum grade of C, and SED 5090 with a minimum grade of C
Restriction(s): Enrollment is limited to Graduate level students.

SED 6030 Teaching Students with Cognitive, Behavior, and Communication Differences Cr. 3

Teaching students with cognitive and behavioral differences. Emphasis on strategies for supporting inclusive education. Offered Intermittently.

Prerequisites: SED 5000 with a minimum grade of C, SED 5010 with a minimum grade of C, SED 5075 with a minimum grade of C, SED 5080 with a minimum grade of C, SED 5090 with a minimum grade of C, and SED 6021 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students.

SED 6040 Introduction to Early Childhood Special Education Cr. 3

History, philosophy, legislation, and ""best practice"" of early intervention and educational programs for young children, birth to eight years old, who have developmental delays or disabilities. Offered Fall.

SED 6050 Teaching Students with Communication Differences Cr. 3

Teaching students with communication differences (i.e., students with autism spectrum disorder). Designing relationship based communication support, particularly in inclusive settings. Offered Intermittently.

Prerequisites: SED 5000 with a minimum grade of C, SED 5010 with a minimum grade of C, SED 5075 with a minimum grade of C, SED 5080 with a minimum grade of C, SED 5090 with a minimum grade of C, and SED 6021 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students.

Course Material Fees: \$4

SED 6060 Teaching Students with Movement and Sensory Differences Cr. 2

Movement and sensory differences in students with autism. Strategies for increasing student engagement in learning, social interaction, and inclusive educational contexts. Emphasis on supports for inclusion and supports provided by related service providers. Offered Yearly.

Prerequisites: SED 5000 with a minimum grade of C, SED 5010 with a minimum grade of C, SED 5075 with a minimum grade of C, SED 5080 with a minimum grade of C, SED 5090 with a minimum grade of C, and SED 6021 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students.