TEACHING, LEARNING AND TEACHER EDUCATION (TEAC)

TEAC 197 Professional Practicum Experiences
Description: Guided participation in schools and/or selected agencies offering programs for children/youth.
Credit Hours: 1-4
Min credits per semester: 1
Max credits per semester: 4
Max credits per degree: 4
Format: FLD

TEAC 197Q Professional Practicum Experiences - Middle Level
Description: Guided participation in schools and/or selected agencies offering programs for children/youth.
Credit Hours: 1-4
Min credits per semester: 1
Max credits per semester: 4
Max credits per degree: 4
Format: FLD

TEAC 210 Introduction to Industrial Education
Description: Certification, employment potential, terminology, publications, resources, and introduction to the trends, philosophies, methods, and approaches to contemporary industrial education programs.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 213 Communicating Across Cultures in the Classroom
Description: Cross-cultural communication in educational settings through the development, analysis, and evaluation of varied pedagogical approaches and strategies for tutoring ESL students in the K to 12th grade setting.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 229 Career and Technical Education: Applications Software
Description: Development of strategies for using various application software packages in Career and Technical Education classrooms.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 259 Instructional Technology
Crosslisted with: TEAC 259H
Description: Development of strategies for using technology to support K-12 classroom instruction. Electronic portfolios, Internet resources, applications software, and authoring programs.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
ACE: ACE 2 Communication Competence

TEAC 259A Instructional Technology in Elementary Schools
Prerequisites: Admission to Elementary Teacher Education Program
Description: Development of strategies for using technology to support K-12 classroom instruction. Internet resources, applications software, and authoring programs. Recommended parallel with TEAC 297B, TEAC 308, and MATH 300.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Format: LEC

TEAC 259B Practicum in Instructional Technology
Prerequisites: Acceptance into the Teacher Elementary Education Program.
Description: Practicum in Instructional Technology is a course aimed at supporting pre-service teachers in their efforts to integrate computers, mobile devices, multimedia, and other technological tools to enhance the teaching and learning process. Recommended parallel with TEAC 397A.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: FLD

TEAC 259H Instructional Technology
Crosslisted with: TEAC 259
Description: Development of strategies for using technology to support K-12 classroom instruction. Electronic portfolios, Internet resources, applications software, and authoring programs.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
ACE: ACE 2 Communication Competence

TEAC 297 Professional Practicum Experiences II
Notes: An accompanying seminar is included where the professional role of the teacher is discussed.
Description: Guided participation/observation in schools/agencies offering programs for children/youth. An accompanying seminar is included where the professional role of the teacher is discussed.
Credit Hours: 1-4
Min credits per semester: 1
Max credits per semester: 4
Max credits per degree: 4
Format: FLD

TEAC 297A Professional Practicum Experiences II Elementary
Notes: An accompanying seminar is included where the professional role of the teacher is discussed.
Description: Guided participation/observation in schools/agencies offering programs for children/youth.
Credit Hours: 1-4
Min credits per semester: 1
Max credits per semester: 4
Max credits per degree: 4
Format: FLD
Prerequisite for: SPED 454

ACE: ACE 2 Communication Competence
TEAC 297B Professional Practicum Experiences II Elementary

Notes: An accompanying seminar is included where the professional role of the teacher is discussed.
Description: Guided participation/observation in schools/agencies offering programs for children/youth.
Credit Hours: 1-4
Min credits per semester: 1
Max credits per semester: 4
Max credits per degree: 4
Format: FLD
Prerequisite for: TEAC 307, TEAC 307H; TEAC 311; TEAC 313; TEAC 315, TEAC 315H

TEAC 297E Practicum in Teaching English Language Learners in Elementary Schools

Prerequisites: Acceptance to the Elementary Education Program. Parallel with TEAC 297B, 308, 317, 351, and Math 300
Description: This practicum accompanies TEAC 317, Teaching English Language Learners in Elementary Schools and is an introduction to teaching ESL in elementary classrooms. It is fifteen hours of observation and participation in classrooms that enroll English language learners. These classrooms may be general education classrooms and/or self-contained (English as a second language) classrooms as site assignments dictate.
Credit Hours: 1
Min credits per semester: 1
Max credits per semester: 4
Max credits per degree: 4
Format: FLD

TEAC 297F Practicum Experiences II Secondary Art

Notes: An accompanying seminar is included where the professional role of the teacher is discussed.
Description: Guided participation/observation in schools/agencies offering programs for children/youth.
Credit Hours: 1-4
Min credits per semester: 1
Max credits per semester: 4
Max credits per degree: 4
Format: FLD

TEAC 297G Practicum Experiences II Secondary Business Education

Notes: An accompanying seminar is included where the professional role of the teacher is discussed.
Description: Guided participation/observation in schools/agencies offering programs for children/youth.
Credit Hours: 1-4
Min credits per semester: 1
Max credits per semester: 4
Max credits per degree: 4
Format: FLD

TEAC 297H Practicum Experiences II Secondary Industrial Education

Notes: An accompanying seminar is included where the professional role of the teacher is discussed.
Description: Guided participation/observation in schools/agencies offering programs for children/youth.
Credit Hours: 1-4
Min credits per semester: 1
Max credits per semester: 4
Max credits per degree: 4
Format: FLD

TEAC 297I Practicum Experiences II Secondary Language Arts

Notes: An accompanying seminar is included where the professional role of the teacher is discussed.
Description: Guided participation/observation in schools/agencies offering programs for children/youth.
Credit Hours: 1-4
Min credits per semester: 1
Max credits per semester: 4
Max credits per degree: 4
Format: FLD

TEAC 297J Practicum Experiences II Secondary Marketing Education

Notes: An accompanying seminar is included where the professional role of the teacher is discussed.
Description: Guided participation/observation in schools/agencies offering programs for children/youth.
Credit Hours: 1-4
Min credits per semester: 1
Max credits per semester: 4
Max credits per degree: 4
Format: FLD

TEAC 297K Practicum Experiences II Middle Level Languages

Notes: An accompanying seminar is included where the professional role of the teacher is discussed.
Description: Guided participation/observation in schools/agencies offering programs for children/youth.
Credit Hours: 1-4
Min credits per semester: 1
Max credits per semester: 4
Max credits per degree: 4
Format: FLD

TEAC 297L Practicum Experiences II Secondary Modern Languages

Notes: An accompanying seminar is included where the professional role of the teacher is discussed.
Description: Guided participation/observation in schools/agencies offering programs for children/youth.
Credit Hours: 1-4
Min credits per semester: 1
Max credits per semester: 4
Max credits per degree: 4
Format: FLD
TEAC 297V Professional Practicum Experiences II Secondary Science
Notes: An accompanying seminar is included where the professional role of the teacher is discussed.
Description: Guided participation/observation in schools/agencies offering programs for children/youth.
Credit Hours: 1-4
Min credits per semester: 1
Max credits per semester: 4
Max credits per degree: 4
Format: FLD

TEAC 297W Professional Practicum Experiences II Secondary Social Science
Notes: An accompanying seminar is included where the professional role of the teacher is discussed.
Description: Guided participation/observation in schools/agencies offering programs for children/youth.
Credit Hours: 1-4
Min credits per semester: 1
Max credits per semester: 4
Max credits per degree: 4
Format: FLD

TEAC 302 Children's Literature
Crosslisted with: TEAC 302H
Prerequisites: Admission to the Elementary Teacher Education Program or the Inclusive Education Program.
Description: Reading in the broad field of children's literature. Survey of various genres; kinds of books; authors, poets, illustrators; historical development; contemporary topics and trends. Principles and practices in selection and adaptation of literature to the needs of the child. Presentation and instructional methodology.
Credit Hours: 3
Min credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 302H Children's Literature
Crosslisted with: TEAC 302
Prerequisites: Admission to the Elementary Teacher Education Program or the Inclusive Education Program.
Description: Reading in the broad field of children's literature. Survey of various genres; kinds of books; authors, poets, illustrators; historical development; contemporary topics and trends. Principles and practices in selection and adaptation of literature to the needs of the child. Presentation and instructional methodology.
Credit Hours: 3
Min credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 304 Nursery and Pre-kindergarten Education
Description: Curriculum materials and equipment; analysis of physical, mental, and emotional development. Records and participation with young children. Parent-teacher relationships.
Credit Hours: 2-3
Min credits per semester: 2
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 305 The Arts in the Elementary School Curriculum
Prerequisites: Admission to the Elementary Teacher Education Program or the Inclusive Education Program
Description: Exploration and experiences with the arts. Supporting ways to include and promote the arts within the curriculum of the elementary school.
Credit Hours: 3
Min credits per semester: 3
Max credits per degree: 3
Format: LAB

TEAC 306 Teaching Art in the Elementary School
Description: The guidance of art through the elementary school in accordance with the growth and development of the child. Objectives, materials, and methods for meaningful teaching of art.
Credit Hours: 3
Min credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 307 Teaching Social Studies in the Elementary School
Crosslisted with: TEAC 307H
Prerequisites: Admission to the Elementary Teacher Education Program; 6 hrs social sciences; TEAC 297B
Description: The role, content, materials, and trends of social studies in childhood education; selection and use of learning experiences; development of lesson plans and/or teaching unit.
Credit Hours: 3
Min credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 307H Teaching Social Studies in the Elementary School
Crosslisted with: TEAC 307
Prerequisites: Admission to the Elementary Teacher Education Program; 6 hrs social sciences; TEAC 297B
Description: The role, content, materials, and trends of social studies in childhood education; selection and use of learning experiences; development of lesson plans and/or teaching unit.
Credit Hours: 3
Min credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 308 Teaching Mathematics in the Elementary School
Crosslisted with: TEAC 308H
Prerequisites: Admission to the Elementary Teacher Education Program; Parallel MATH 300 and TEAC 297B
Description: Scope, content, and organization of the mathematics curriculum; development, use, and sources of instructional materials; teaching procedures.
Credit Hours: 3
Min credits per semester: 3
Max credits per degree: 3
Format: LEC
Prerequisite for: MATH 300, MATH 300H
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
<th>Description</th>
<th>Credit Hours</th>
<th>Max credits per semester</th>
<th>Max credits per degree</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEAC 308H</td>
<td>Teaching Mathematics in the Elementary School</td>
<td></td>
<td>Scope, content, and organization of the mathematics curriculum; development, use, and sources of instructional materials; teaching procedures.</td>
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<tr>
<td>TEAC 308H</td>
<td>Teaching Mathematics in the Elementary School</td>
<td>Admission to the Elementary Teacher Education Program; Parallel MATH 300 and TEAC 297B</td>
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<tr>
<td>TEAC 311</td>
<td>Teaching Reading in the Elementary School</td>
<td>Admission to the Elementary Teacher Education Program; TEAC 297B; Parallel TEAC 397A</td>
<td>Objectives, scope, content, and organization of the reading curriculum; methods of effective teaching; development, use, and sources of instructional materials.</td>
<td>3</td>
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<td>LEC</td>
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<tr>
<td>TEAC 313</td>
<td>Teaching Language Arts in the Elementary School</td>
<td>Admission to the Elementary Teacher Education Program; TEAC 297B; Parallel TEAC 397A</td>
<td>Theory and practice of teaching the language arts in the elementary school. Selection, construction, and use of instructional materials for and with elementary children.</td>
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<td>LEC</td>
</tr>
<tr>
<td>TEAC 315</td>
<td>Teaching Science in the Elementary School</td>
<td>Admission to the Elementary Teacher Education Program; TEAC 297B; Parallel TEAC 397A</td>
<td>Role, trends, content, and materials of science in childhood education. Development of science experiences for use with children.</td>
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<tr>
<td>TEAC 315H</td>
<td>Teaching Science in the Elementary School</td>
<td>Admission to the Elementary Teacher Education Program; two courses in science; TEAC 297B</td>
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<tr>
<td>TEAC 317</td>
<td>Teaching English Learners in the Elementary School</td>
<td>Admission to a Teacher Education Program</td>
<td>Pedagogical, linguistic, and cultural issues of schooling English language learners in general education elementary school classrooms.</td>
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<tr>
<td>TEAC 318</td>
<td>RDNG&amp;LANG ART BILING</td>
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<tr>
<td>TEAC 323</td>
<td>Career and Technical Education: Multimedia Applications</td>
<td></td>
<td>Integrating instructional multi-media applications into Career and Technical Education courses.</td>
<td>3</td>
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<tr>
<td>TEAC 330</td>
<td>Multicultural Education</td>
<td>Crosslisted with: ETHN 330, ETHN 330H, TEAC 330H</td>
<td>Role of minority group status in American society. Ethnic minority group cultures, the existence of subcultures within the mainstream of society, women in the social setting, and their relationship to the American education process. Analytic methods of study.</td>
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<tr>
<td>TEAC 331</td>
<td>School and Society</td>
<td>Crosslisted with: TEAC 331H</td>
<td>Questions of educational purpose and the complex relationship between school and society. Brings disciplinary resources to bear for developing interpretive, normative, and critical perspectives on education, inside and outside of schools.</td>
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<tr>
<td>TEAC 331H</td>
<td>Multicultural Education</td>
<td>Crosslisted with: ETHN 330, ETHN 330H, TEAC 330H</td>
<td>Role of minority group status in American society. Ethnic minority group cultures, the existence of subcultures within the mainstream of society, women in the social setting, and their relationship to the American education process. Analytic methods of study.</td>
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<td>3</td>
<td>LEC</td>
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</tbody>
</table>

ACE: ACE 9 Global/Diversity

ACE: ACE 8 Civic/Ethics/Stewardship
TEAC 331H School and Society
Crosslisted with: TEAC 331
Description: Questions of educational purpose and the complex relationship between school and society. Brings disciplinary resources to bear for developing interpretive, normative, and critical perspectives on education, inside and outside of schools.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
ACE: ACE 8 Civic/Ethics/Stewardship

TEAC 349 Seminar in Middle Level Education
Crosslisted with: TEAC 331
Description: Active involvement with the philosophy, duties and demands of middle level education. Discussions and readings relating to the professional role of middle level educators in a seminar setting.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 3
Format: LEC

TEAC 351 The Learner Centered Classroom
Crosslisted with: TEAC 351
Description: Organizing the learning environment in a culturally and socially responsive classroom. Theory and practice of creating a cooperative community that fosters both social and academic development. Theoretical perspectives are linked to actual classroom experience. Recommended parallel with TEAC 297A.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Format: LEC

TEAC 351H The Learner Centered Classroom
Crosslisted with: TEAC 351
Description: Organizing the learning environment in a culturally and socially responsive classroom. Theory and practice of creating a cooperative community that fosters both social and academic development. Theoretical perspectives are linked to actual classroom experience. Recommended parallel with TEAC 297A.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Format: LEC

TEAC 380 Health and Wellness the Elementary Classroom
Crosslisted with: TEAC 380
Description: The integration of elementary subjects through movement activities and the understanding of healthy concepts. Social skills, health, and mental revitalization for improved academic performance.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Format: LEC

TEAC 380H Health and Wellness the Elementary Classroom
Crosslisted with: TEAC 380
Description: The integration of elementary subjects through movement activities and the understanding of healthy concepts. Social skills, health, and mental revitalization for improved academic performance.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Format: LEC

TEAC 397 Professional Practicum Experience III
Crosslisted with: EDPS 397
Description: Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.
Credit Hours: 1-10
Min credits per semester: 1
Max credits per semester: 10
Max credits per degree: 10
Format: FLD

TEAC 397A Professional Practicum Experience III Elementary
Prerequisites: Must enroll in both TEAC 397A and TEAC 311
Description: Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.
Credit Hours: 1-10
Min credits per semester: 1
Max credits per semester: 10
Max credits per degree: 10
Format: FLD

TEAC 397D Professional Practicum Experience III: Unified Primary K-3
Crosslisted with: EDPS 397D
Description: Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.
Credit Hours: 1-10
Min credits per semester: 1
Max credits per semester: 10
Max credits per degree: 10
Format: FLD

TEAC 397I Professional Practicum Experience III Secondary Art
Description: Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.
Credit Hours: 1-10
Min credits per semester: 1
Max credits per semester: 10
Max credits per degree: 10
Format: FLD

TEAC 397J Professional Practicum Experience III Secondary Business Education
Description: Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.
Credit Hours: 1-10
Min credits per semester: 1
Max credits per semester: 10
Max credits per degree: 10
Format: FLD

TEAC 397L Professional Practicum Experience III Information Technology
Description: Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.
Credit Hours: 1-10
Min credits per semester: 1
Max credits per semester: 10
Max credits per degree: 10
Format: FLD
TEAC 397M Professional Practicum Experience III Secondary Industrial Education  
**Description:** Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD  

TEAC 397N Professional Practicum Experience III Secondary Language Arts  
**Description:** Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD  

TEAC 397O Professional Practicum Experience III Secondary Marketing Education  
**Description:** Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD  

TEAC 397P Professional Practicum Experience III Secondary Mathematics  
**Description:** Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD  

TEAC 397Q Professional Practicum Experience III Middle Level Mathematics  
**Description:** Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD  

TEAC 397R Professional Practicum Experience III Secondary Modern Languages  
**Description:** Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD  

TEAC 397V Professional Practicum Experience III Secondary Science  
**Description:** Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD  

TEAC 399 Independent Study  
**Description:** Special research project or reading program under the direction of a staff member in the department.  
**Credit Hours:** 1-3  
**Min credits per semester:** 1  
**Max credits per semester:** 3  
**Max credits per degree:** 6  
**Format:** IND  

TEAC 402 Contemporary Children's Literature: Principles and Practices  
**Crosslisted with:** TEAC 802  
**Description:** Contemporary literature for children, all forms and genres; development of meaningful and creative learning activities for children; professional readings and research related to children’s literature.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Format:** LEC  

TEAC 403 Student Teaching Seminar  
**Description:** Analysis of the school programs, Education and curriculum, teacher certification, teach and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, method of communicating with parents and community members, and current issues which impact education.  
**Credit Hours:** 1-3  
**Min credits per semester:** 1  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Format:** LEC  

TEAC 403A Student Teaching Capstone Seminar  
**Prerequisites:** Parallel TEAC 497A  
**Description:** Examine and reflect on a theme with evidence from pre-service development and examine this topic through the entire length of coursework and field experiences. Three seminars required per semester. Capstone seminar for the elementary education program. The capstone course will accompany the student teaching experience. This reflective study will be presented to peers and faculty in a conference format at the last seminar meeting. This conference format is intended to serve as a step in the transition from student to professional.  
**Credit Hours:** 3  
**Min credits per semester:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Format:** LEC  

ACE: ACE 10 Integrated Product
TEAC 403B Secondary Student Teaching Seminar
Prerequisites: Must be admitted approved to student teach (enroll in TEAC 497)
Description: The capstone course will consist of seminar sessions requiring broad knowledge of teaching by addressing salient issues that complement the pre-service teaching experience, Blackboard discussions, major writing assignments, and a scholarly presentation. Examine and reflect on the themes outlined in the TLTE 14 Dimensions of Teaching. Reflect on evidence from the entire pre-service development and examine it through the entire length of coursework and field experiences. Course numbers and call numbers can be obtained from the appropriate subject matter advisor in the College Student Services Center.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
ACE: ACE 10 Integrated Product

TEAC 403I Student Teaching Seminar: Art K-12
Description: Analysis of the school programs. Education and curriculum, teacher certification, teach and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, method of communicating with parents and community members, and current issues which impact education.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 403M Student Teaching Seminar: Secondary Modern Language
Prerequisites: Must enroll in both TEAC 403N (seminar) and TEAC 497R (student teaching)
Description: Analysis of the school programs. Education and curriculum, teacher certification, teach and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, method of communicating with parents and community members, and current issues which impact education.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 403Q Student Teaching Seminar: Middle School
Description: Analysis of the school programs. Education and curriculum, teacher certification, teach and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, method of communicating with parents and community members, and current issues which impact education.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 403R Student Teaching Seminar: Secondary Modern Language
Prerequisites: Must enroll in both TEAC 403R (seminar) and TEAC 497R (student teaching)
Description: Analysis of the school programs. Education and curriculum, teacher certification, teach and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, method of communicating with parents and community members, and current issues which impact education.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 403V Student Teaching Seminar: Secondary Social Science
Prerequisites: Must enroll in both TEAC 403V (seminar) and TEAC 497V (student teaching)
Description: Analysis of the school programs. Education and curriculum, teacher certification, teach and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, method of communicating with parents and community members, and current issues which impact education.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 404P Student Teaching Seminar: Secondary Math
Prerequisites: Must enroll in both TEAC 403P (seminar) and TEAC 497P (student teaching)
Description: Analysis of the school programs. Education and curriculum, teacher certification, teach and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, method of communicating with parents and community members, and current issues which impact education.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 405P Improvement of Instruction in Elementary School Art
Description: Techniques, plans, and procedures for improving instruction in elementary school art. Current practices, issues, and trends; evaluation of instructional materials.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 406 Improvement of Instruction in Elementary School Science
Description: Techniques, plans, and procedures for improving instruction in elementary school science. Current practices, issues, and trends; evaluation of instructional materials.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 407 Improvement of Instruction in Elementary School Social Science
Description: Techniques, plans, and procedures for improving instruction in elementary school social science. Current practices, issues, and trends; evaluation of instructional materials.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 408 Improvement of Instruction in Elementary School Language Arts
Description: Techniques, plans, and procedures for improving instruction in elementary school language arts. Current practices, issues, and trends; evaluation of instructional materials.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 409 Improvement of Instruction in Elementary School Music
Description: Techniques, plans, and procedures for improving instruction in elementary school music. Current practices, issues, and trends; evaluation of instructional materials.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 410 Improvement of Instruction in Elementary School Physical Education
Description: Techniques, plans, and procedures for improving instruction in elementary school physical education. Current practices, issues, and trends; evaluation of instructional materials.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
TEAC 408 Improvement of Instruction in School Mathematics
Crosslisted with: TEAC 808
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 408A Improvement of Instruction in School Mathematics Primary: K-3
Crosslisted with: TEAC 808A
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 408B Improvement of Instruction in School Mathematics Elementary: 4-6
Crosslisted with: TEAC 808B
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 408E Improvement of Instruction in School Mathematics Secondary: 7-12
Crosslisted with: TEAC 808E
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 408J Improvement of Instruction in School Mathematics Special Topics
Crosslisted with: TEAC 808J
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 409 IMP INST EL SOC STD
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 410 Educational Program for Kindergarten Children
Crosslisted with: TEAC 810
Description: Recent developments in education of children and their bearing on the selection and guidance of appropriate activities and materials for the kindergarten. Related functions of home, school, and other educational agencies.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 411 Reading Processes and Practices
Crosslisted with: TEAC 811
Description: Overview of reading processes and programs with attention to strategies for comprehension and word identification, approaches, and materials. A. Teaching Reading B. Special Topics in Reading C. Response to Intervention - Reading
Credit Hours: 1-6
Min credits per semester: 1
Max credits per semester: 6
Max credits per degree: 6
Format: LEC

TEAC 411A Teaching Reading
Crosslisted with: TEAC 811A
Description: Overview of reading processes and programs with attention to strategies for comprehension and word identification, approaches, and materials.
Credit Hours: 1-6
Min credits per semester: 1
Max credits per semester: 6
Max credits per degree: 6
Format: LEC

TEAC 411B Special Topics in Reading
Crosslisted with: TEAC 811B
Description: Overview of reading processes and programs with attention to strategies for comprehension and word identification, approaches, and materials.
Credit Hours: 1-6
Min credits per semester: 1
Max credits per semester: 6
Max credits per degree: 6
Format: LEC

TEAC 411C Response to Intervention - Reading
Crosslisted with: TEAC 811C
Description: Overview of reading processes and programs with attention to strategies for comprehension and word identification, approaches, and materials.
Credit Hours: 1-6
Min credits per semester: 1
Max credits per semester: 6
Max credits per degree: 6
Format: LEC

TEAC 412 Improvement of Instruction in Elementary School Science
Crosslisted with: TEAC 812
Description: Techniques, plans, and procedures for improving instruction in elementary school science. Current practices, issues, and trends; evaluation of instructional materials.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
TEAC 413 Studies in Teaching English as a Second Language
Crosslisted with: TEAC 813
Description: Preparation for teaching K-12 learners whose language of nurture is not English.
Credit Hours: 1-15
Min credits per semester: 1
Max credits per semester: 15
Max credits per degree: 15
Format: LEC

TEAC 413A ESL: Acquisition
Crosslisted with: TEAC 813A
Description: Preparation for teaching K-12 learners whose language of nurture is not English.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 413B ESL: Teaching and Curriculum
Crosslisted with: TEAC 813B
Description: Preparation for teaching K-12 learners whose language of nurture is not English.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 413D World Languages Assessment
Crosslisted with: TEAC 813D
Description: Preparation for teaching K-12 learners whose language of nurture is not English.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 413E Special Topics in Teaching ESL
Crosslisted with: TEAC 813E
Description: Preparation for teaching K-12 learners whose language of nurture is not English.
Credit Hours: 1-6
Min credits per semester: 1
Max credits per semester: 6
Max credits per degree: 6
Format: LEC

TEAC 413K Linguistics for the ELL Teacher
Crosslisted with: TEAC 813K
Description: In Linguistics for the ELL Teachers, we will build our understanding of the English language from the perspective of the ESL/EFL learner. This course is designed for teachers of English learners at all levels. However, for those of you that teach other languages in a foreign or second language context, you can easily adapt what you learn to this context as well. The course will provide teachers with a basic understanding of how language works, and in particular, the structure of English. The main goal of this course is to make the unconscious knowledge of language conscious, and to be able to explain how English works skillfully and clearly to students.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
Groups: ESL and Linguistics

TEAC 413M Teaching English Language Learners (ELLs) in Content Areas
Crosslisted with: TEAC 813M
Description: Theory and pedagogy in the teaching of English Language Learners (ELLs) in course content areas at all levels of K-12 education. Identify and design linguistically and culturally responsive instruction for English learners in the disciplines (e.g. language arts, science, mathematics, social sciences).
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 416 Inclusive Early Childhood Methods
Description: The creation and practice of developmentally appropriate instruction in curricular areas for K to 3rd grades. Role of the teacher and/or facilitator in relationship to the primary curriculum and learning environment.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 9
Format: LEC

TEAC 416A Literacy Methods for the Primary Student: K to 3rd
Description: The creation and practice of developmentally appropriate instruction in curricular areas for K to 3rd grades. Role of the teacher and/or facilitator in relationship to the primary curriculum and learning environment.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
TEAC 416B Social Studies and Science Methods for the Primary Student: K to 3rd
Description: The creation and practice of developmentally appropriate instruction in curricular areas for K to 3rd grades. Role of the teacher and/or facilitator in relationship to the primary curriculum and learning environment.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 416D Inclusive Early Childhood Mathematics Methods for the Primary Student: K to 3rd
Description: The creation and practice of developmentally appropriate instruction in curricular areas for K to 3rd grades. Role of the teacher and/or facilitator in relationship to the primary curriculum and learning environment.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
Prerequisite for: MATH 300, MATH 300H

TEAC 418 Teaching Writing in K-12 Schools
Crosslisted with: TEAC 818
Description: Learning and teaching of writing with consideration given to developmental factors of children and adolescents.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
Prerequisite for: MATH 300, MATH 300H

TEAC 420 Teaching Foreign Language in the Elementary School
Crosslisted with: TEAC 820
Description: Theory, research and practice of most recent foreign language models and strategies.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 425 Coordination in Occupational Training Programs
Crosslisted with: TEAC 825
Description: Foundation and scope of current and projected vocational cooperative education programs and general education work experience. Coordination techniques, selection and placement, instructional procedures, youth leadership activities, organization and administration, and evaluation of cooperative occupational education.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 429 Instructional Communication
Crosslisted with: COMM 427
Prerequisites: COMM 101
Description: Advanced introductory course in instructional communication, focusing on understanding variables associated with the communication process in instructional settings and managing instructional communication more effectively. Provides an experimental and a cognitive understanding of the role of communication in the instructional process.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 430 Introduction to Philosophy of Education
Crosslisted with: TEAC 830
Description: Fundamental ideas and skills that students can use to begin to form personal philosophical perspectives on education that can be justified intellectually, practically, and ethically. Using case studies of realistic school situations and the theoretical work of a range of writers in education, students explore conceptions of teaching, learning, curriculum, and the relationship between school and society.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 431 Studies in the Foundations of Education
Crosslisted with: TEAC 831
Description: Social and cultural analyses of curriculum, teaching, and education policy from disciplinary perspectives.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 12
Format: LEC

TEAC 431A Studies in the Foundations of Education - The Anthropology of Education
Crosslisted with: TEAC 831A
Description: Social and cultural analyses of curriculum, teaching, and education policy from disciplinary perspectives.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 431B Studies in the Foundations of Education - The History of Education
Crosslisted with: TEAC 831B
Description: Social and cultural analyses of curriculum, teaching, and education policy from disciplinary perspectives.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 431E Studies in the Foundations of Education - The Sociology of Education
Crosslisted with: TEAC 831E, EDAD 831E
Description: Social and cultural analyses of curriculum, teaching, and education policy from disciplinary perspectives.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
TEAC 431J Studies in the Foundations of Education - Special Topics
Crosslisted with: TEAC 831J
Description: Social and cultural analyses of curriculum, teaching, and education policy from disciplinary perspectives.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 432 Higher Education in America
Crosslisted with: TEAC 832, EDAD 832
Description: History and development of America's colleges and universities and a study of some recent trends and problems in higher education.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 433 Comparative Education
Crosslisted with: TEAC 833
Description: Comparative Education investigates origins, goals, organization, challenges, and accomplishments of various countries' school systems with intentional comparisons to American practices. The 'A' format is a survey course that considers examples from all over the world. The 'B' format focuses on a single country (plus the U.S. for comparative purposes) and includes overseas travel-study (e.g., to South Korea, South Africa, or Chile) and visits to schools in the visited countries.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 433A Comparative Education Survey
Crosslisted with: TEAC 833A
Description: Comparative Education investigates origins, goals, organization, challenges, and accomplishments of various countries' school systems with intentional comparisons to American practices. The 'A' format is a survey course that considers examples from all over the world. The 'B' format focuses on a single country (plus the U.S. for comparative purposes) and includes overseas travel-study (e.g., to South Korea, South Africa, or Chile) and visits to schools in the visited countries. This course could be taken more than once for additional credits assuming the student uses it for travel-study to different places. For example, a student could not visit South Korea twice with the same professor teaching the same syllabus, but could visit South Korea once (as one 3-hour course) and South Africa (as another 3-hour course).
Credit Hours: 3-9
Min credits per semester: 3
Max credits per semester: 9
Max credits per degree: 9
Format: LEC

TEAC 434 Ethics and Education
Description: Basic issues in ethics and education. Using theoretical material and case studies, students consider such ideas and issues as the nature of moral judgment, equality, justice, caring, and respect for persons, and discuss how educators might respond in ethically justifiable ways to difficult situations they may encounter.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 436 Latin American Education
Description: Survey of contemporary practices and problems in Latin American education, with special emphasis on the role of education in the national development.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 437 Democracy and Education
Description: Democracy and how educational institutions and practices might facilitate or hinder democratic process and aims. The fact of cultural and moral pluralism in the United States, and to the educational responses to pluralism that are possible and appropriate in a polity that aims to be democratic. A range of stances on these issues.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 438 Linguistics for the Classroom School Teacher
Crosslisted with: TEAC 438H, TEAC 838
Description: Analysis of various aspects of linguistic study including dialects, usage, modern grammar, semantics, lexicography, etc., and their application in the K-12 school English classroom. Investigation and clarification of language concepts and the development of teaching materials that can be used in the classroom.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 439 Literature for Adolescents
Crosslisted with: TEAC 439H, TEAC 839
Description: Wide range of young adult literature available for use in schools. Critical and rhetorical tools for responding to a variety of literary texts and techniques for eliciting a wider range of responses to literature; consideration for readers aged 11-16.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
TEAC 439H Literature for Adolescents  
Crosslisted with: TEAC 439, TEAC 839  
Description: Wide range of young adult literature available for use in schools. Critical and rhetorical tools for responding to a variety of literary texts and techniques for eliciting a wider range of responses to literature; consideration for readers aged 11-16.  
Credit Hours: 3  
Max credits per semester: 3  
Max credits per degree: 3  
Format: LEC

TEAC 441 Content Area Reading, Grades 4-12  
Crosslisted with: TEAC 841  
Description: Simultaneous teaching of academic content and functional teaching of reading in the content areas; assessment of comprehension, vocabulary/concept attainment; analyses of text; improvement of content area learning through reading/writing development.  
Credit Hours: 3  
Max credits per semester: 3  
Max credits per degree: 3  
Format: LEC

TEAC 443 Career and Technical Education: Curriculum Issues  
Description: Curriculum issues in Career and Technical Education courses using instructional technology. Subject integration, application of standards, use of Web-based resources and resource management.  
Credit Hours: 3  
Max credits per semester: 3  
Max credits per degree: 3  
Format: LEC

TEAC 444 Career and Technical Education: Technology Issues  
Description: Technology issues and the impact on society of access, privacy, confidentiality, ethics and emerging technologies; professional attitude and responsibility in using technology.  
Credit Hours: 3  
Max credits per semester: 3  
Max credits per degree: 3  
Format: LEC

TEAC 446 The Middle Level Program  
Crosslisted with: TEAC 446H  
Description: Culminating professional course in a program for the preparation of middle level educators. Best practices in middle level education; history and philosophy of middle level education; interdisciplinary team planning; and teacher-based advising.  
Credit Hours: 3  
Max credits per semester: 3  
Max credits per degree: 3  
Format: LEC

TEAC 446H The Middle Level Program  
Crosslisted with: TEAC 446  
Description: Culminating professional course in a program for the preparation of middle level educators. Best practices in middle level education; history and philosophy of middle level education; interdisciplinary team planning; and teacher-based advising.  
Credit Hours: 3  
Max credits per semester: 3  
Max credits per degree: 3  
Format: LEC

TEAC 447 Middle Level Teacher-Based Advising  
Description: Reading, discussion and research of program designs, content and pedagogies for teacher-based advising for transescent students. Experimental programs and methods for improving student continuous progress and career exploration.  
Credit Hours: 2  
Max credits per semester: 2  
Max credits per degree: 2  
Format: LEC

TEAC 449 Teaching the Transescent Student  
Description: Knowledge of the instructional methodology which most accurately supports the learning of the middle level student. Review of the recognized theories and plans for instructing the 10-14 year old student forms the basis for this undergraduate, core middle level teacher education course.  
Credit Hours: 2  
Max credits per semester: 2  
Max credits per degree: 2  
Format: LEC

TEAC 450 American Cultural Perspectives through Popular Music and Guitar  
Crosslisted with: MUED 450, MUED 850, MUNM 450, TEAC 850  
Description: Exploration of the historical, social and cultural context of late 19th and 20th century America through learning to play jazz and popular music on the guitar to provide an authentic, performance-based encounter in music.  
Credit Hours: 3  
Max credits per semester: 3  
Max credits per degree: 3  
Format: LEC

TEAC 451 Learning and Teaching Principles and Practices  
Crosslisted with: TEAC 851  
Description: Theoretical issues in the area of teaching and learning as applied to the individual disciplines.  
Credit Hours: 3-4  
Min credits per semester: 3  
Max credits per semester: 4  
Max credits per degree: 4  
Format: LEC

TEAC 446A The Middle Level Curriculum  
Description: Explores the six content areas found in most middle level curricula: Math, Science, Social Studies, Art, Reading and Language Arts. Subject area content and pedagogy appropriate for young adolescents (10-14 years) and how the subject content areas can be integrated in the classroom. Required for all Elementary Education majors on the Middle Level Pathway advising sheet and secondary Special Education majors.  
Credit Hours: 3  
Max credits per semester: 3  
Max credits per degree: 3  
Format: LEC
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<th>Course Code</th>
<th>Course Title</th>
<th>Crosslisted with</th>
<th>Description</th>
<th>Credit Hours</th>
<th>Min credits per semester</th>
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<td>TEAC 451I</td>
<td>Learning and Teaching Principles and Practices: Secondary Art</td>
<td>TEAC 851I</td>
<td>Theoretical issues in the area of teaching and learning as applied to the individual disciplines.</td>
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<td>TEAC 451L</td>
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<td>Learning and Teaching Principles and Practices: Secondary Language Arts</td>
<td>TEAC 851N</td>
<td>Theoretical issues in the area of teaching and learning as applied to the individual disciplines.</td>
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<td>Learning and Teaching Principles and Practices: Marketing Education</td>
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<td>Theoretical issues in the area of teaching and learning as applied to the individual disciplines.</td>
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<td>TEAC 451P</td>
<td>Learning and Teaching Principles and Practices: Secondary Mathematics</td>
<td>TEAC 851P</td>
<td>Theoretical issues in the area of teaching and learning as applied to the individual disciplines.</td>
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<td>TEAC 451R</td>
<td>Learning and Teaching Principles and Practices: Secondary Modern Languages</td>
<td>TEAC 851R</td>
<td>Theoretical issues in the area of teaching and learning as applied to the individual disciplines.</td>
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<td>TEAC 451V</td>
<td>Learning and Teaching Principles and Practices: Secondary Science</td>
<td>TEAC 851V</td>
<td>Theoretical issues in the area of teaching and learning as applied to the individual disciplines.</td>
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<td>Learning and Teaching Principles and Practices: Secondary Social Science</td>
<td>TEAC 851W</td>
<td>Theoretical issues in the area of teaching and learning as applied to the individual disciplines.</td>
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<td>Curriculum Principles and Practices Secondary Art</td>
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<td>Curriculum Principles and Practices - Business Education</td>
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<td>Focus on practical issues in the area of teaching and learning as applied to the individual disciplines.</td>
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TEAC 452M Curriculum Principles and Practices - Industrial Education
Description: Focus on practical issues in the area of teaching and learning as applied to the individual disciplines.
Credit Hours: 2-3
Min credits per semester: 2
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 452N Curriculum Principles and Practices Secondary Language
Crosslisted with: TEAC 852N
Description: Focus on practical issues in the area of teaching and learning as applied to the individual disciplines.
Credit Hours: 2-3
Min credits per semester: 2
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 452P Curriculum Principles and Practices Secondary Mathematics
Crosslisted with: TEAC 852P
Description: Focus on practical issues in the area of teaching and learning as applied to the individual disciplines.
Credit Hours: 2-3
Min credits per semester: 2
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 452R Curriculum Principles and Practices Secondary Modern Languages
Crosslisted with: TEAC 852R
Description: Focus on practical issues in the area of teaching and learning as applied to the individual disciplines.
Credit Hours: 2-3
Min credits per semester: 2
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 452V Curriculum Principles and Practices Secondary Science
Crosslisted with: TEAC 852V
Description: Focus on practical issues in the area of teaching and learning as applied to the individual disciplines.
Credit Hours: 2-3
Min credits per semester: 2
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 452W Curriculum Principles and Practices Secondary Social Science
Crosslisted with: TEAC 852W
Description: Focus on practical issues in the area of teaching and learning as applied to the individual disciplines.
Credit Hours: 2-3
Min credits per semester: 2
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 453 The Middle Level Professional Methods
Description: Development of competence in planning, teaching, classroom management and assessment. Covers the scope, content, and organization of curriculum and instructional materials.
Credit Hours: 1-12
Min credits per semester: 1
Max credits per semester: 12
Max credits per degree: 12
Format: LEC

TEAC 453I The Middle Level Professional Methods: Art
Description: Development of competence in planning, teaching, classroom management and assessment. Covers the scope, content, and organization of curriculum and instructional materials.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Format: LEC

TEAC 453N The Middle Level Professional Methods: Language Arts
Description: Development of competence in planning, teaching, classroom management and assessment. Covers the scope, content, and organization of curriculum and instructional materials.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Format: LEC

TEAC 453P The Middle Level Professional Methods Math
Prerequisites: Must enroll in both TEAC 453P and TEAC 453T
Description: Development of competence in planning, teaching, classroom management and assessment. Covers the scope, content, and organization of curriculum and instructional materials.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Format: LEC

TEAC 453T The Middle Level Professional Methods: Reading
Description: Development of competence in planning, teaching, classroom management and assessment. Covers the scope, content, and organization of curriculum and instructional materials.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Format: LEC

TEAC 453V The Middle Level Professional Methods: Science
Description: Development of competence in planning, teaching, classroom management and assessment. Covers the scope, content, and organization of curriculum and instructional materials.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Format: LEC

TEAC 453W The Middle Level Professional Methods: Social Science
Description: Development of competence in planning, teaching, classroom management and assessment. Covers the scope, content, and organization of curriculum and instructional materials.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Format: LEC
TEAC 454 Literature in Education
Description: Comparative analyses of literature and the role of the reader as meaning maker in educational settings.
Credit Hours: 3-9
Min credits per semester: 3
Max credits per semester: 9
Max credits per degree: 9
Format: LEC

TEAC 454A Literature in Education: Literary Response and Analysis
Crosslisted with: TEAC 854A
Description: Comparative analyses of literature and the role of the reader as meaning maker in educational settings.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 454B Literature in Education: Multiethnic Literature for Children and Adolescents
Crosslisted with: TEAC 854B
Description: Comparative analyses of literature and the role of the reader as meaning maker in educational settings.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 454E Literature in Education: Special Topics
Description: Comparative analyses of literature and the role of the reader as meaning maker in educational settings.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 480 Teaching with Technology
Crosslisted with: TEAC 880
Description: Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching and curriculum, and the critical application of technology and the development of teaching strategies.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 480A Teaching with Technology: Survey of Instructional Technology
Crosslisted with: TEAC 880A
Description: Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching and curriculum, and the critical application of technology and the development of teaching strategies.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 480B Teaching with Technology: Designing Instructional Technology K-12
Crosslisted with: EDAD 880B, TEAC 880B
Description: Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching and curriculum, and the critical application of technology and the development of teaching strategies.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 480E Teaching with Technology: Instructional Technology in Mathematics
Crosslisted with: TEAC 880E
Description: Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching and curriculum, and the critical application of technology and the development of teaching strategies.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 480J Teaching with Technology: Instructional Technology in Language Arts
Crosslisted with: TEAC 880J
Description: Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching and curriculum, and the critical application of technology and the development of teaching strategies.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 480K Teaching with Technology: Instructional Technology in Science
Crosslisted with: TEAC 880K
Description: Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching and curriculum, and the critical application of technology and the development of teaching strategies.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 480L Teaching with Technology: Instructional Technology in Social Sciences
Crosslisted with: TEAC 880L
Description: Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching and curriculum, and the critical application of technology and the development of teaching strategies.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
TEAC 480M Teaching with Technology: Technology Supported Assessment and Evaluation
Crosslisted with: TEAC 880M
Description: Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching and curriculum, and the critical application of technology and the development of teaching strategies.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 480N Teaching with Technology: Web Teaching
Crosslisted with: TEAC 880N
Description: Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching and curriculum, and the critical application of technology and the development of teaching strategies.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 480P Teaching with Technology: Special Topics
Crosslisted with: TEAC 880P
Description: Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching and curriculum, and the critical application of technology and the development of teaching strategies.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 482 Instructional Applications of Computers-Practicum
Description: A task-oriented practicum for the demonstration of fluency with advanced technology and the application of instructional design to the development of educational resources. Supervised tasks centered experiences.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 15
Format: LEC

TEAC 490 Workshop Seminar
Credit Hours: 1-12
Min credits per semester: 1
Max credits per semester: 12
Max credits per degree: 12
Format: LEC

TEAC 491 Professional Practicum in Postsecondary Education
Description: Supervised teaching experiences at postsecondary or adult levels, in public or private schools or agencies.
Credit Hours: 1-10
Min credits per semester: 1
Max credits per semester: 10
Max credits per degree: 10
Format: FLD

TEAC 493 Workshop Seminar
Credit Hours: 1-12
Min credits per semester: 1
Max credits per semester: 12
Max credits per degree: 12
Format: LEC

TEAC 495 Independent Study
Credit Hours: 1-6
Min credits per semester: 1
Max credits per semester: 6
Max credits per degree: 6
Format: IND

TEAC 496 Problems in Secondary Education
Description: Opportunities for experienced teachers and administrators to develop plans, procedures, or experiments directed to the improvement of the curriculum or administration of the secondary school.
Credit Hours: 1-6
Min credits per semester: 1
Max credits per semester: 6
Max credits per degree: 6
Format: LEC

TEAC 497A Student Teaching Elementary (K-6)
Description: Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.
Credit Hours: 1-10
Min credits per semester: 1
Max credits per semester: 10
Max credits per degree: 10
Format: FLD

TEAC 497B Student Teaching Elementary Art
Description: Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.
Credit Hours: 1-10
Min credits per semester: 1
Max credits per semester: 10
Max credits per degree: 10
Format: FLD

TEAC 497E Student Teaching English as a Second Language
Description: Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.
Credit Hours: 1-14
Min credits per semester: 1
Max credits per semester: 14
Max credits per degree: 14
Format: FLD
TEAC 497G Student Teaching Elementary Foreign Language  
**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD  

TEAC 497J Student Teaching Secondary Art  
**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD  

TEAC 497J Student Teaching - Secondary Business Education  
**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD  

TEAC 497M Student Teaching: Secondary Industrial Education  
**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD  

TEAC 497N Student Teaching: Secondary Language Arts  
**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD  

TEAC 497O Student Teaching: Secondary Marketing Education  
**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD  

TEAC 497P Student Teaching Secondary Mathematics  
**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD  

TEAC 497Q Student Teaching Middle School  
**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD  

TEAC 497R Student Teaching Secondary Modern Language  
**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD  

TEAC 497V Student Teaching Secondary Science  
**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD
TEAC 497W Student Teaching Secondary Social Science
Description: Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.
Credit Hours: 1-10
Min credits per semester: 1
Max credits per semester: 10
Max credits per degree: 10
Format: LEC

TEAC 497Y Student Teaching Mainstreaming
Crosslisted with: NUTR 497Y
Description: Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: FLD

TEAC 497Z Student Teaching Multicultural
Crosslisted with: NUTR 497Z
Description: Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: FLD

TEAC 498 Problems in Elementary Education
Description: Opportunities to develop plans, procedures, experiments, and models directed to the improvement of elementary school education on an independent study basis.
Credit Hours: 2-3
Min credits per semester: 2
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 499H Honors Thesis
Description: Conduct a scholarly research project and write a University Honors Program or undergraduate thesis.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: IND