

# EDUC D-CURRICULUM & INSTRUCTN (EDD)

## Course Descriptions

### EDD 406 Teach Strategies Early Child 3 Credit Hours

Focuses on the developmentally appropriate educational practices for children from infancy through the primary grades. Introduces various procedures and strategies to stimulate inquiry in the early childhood classroom. Observation skills, planning, and implementing of lessons in the field will be emphasized. Class seminar designed to correlate theory with observation and field work.

**Prerequisite(s):** EDC 240 or EDC 340)

**Corequisite(s):** EDD 410

**Restriction(s):**

Can enroll if Class is Undergrad Certification only or Post-baccalaureate Cert only or Junior or Senior

### EDD 409 Integrated Curriculum Methods 3 Credit Hours

This course is co-requisite with Apprenticeship II: Clinical Experience in Pre-K–3, 3–6. In this class you will learn how to identify the connections in your standards that provide the basis for interdisciplinary units. Explore all types of integrated curriculum and how they bridge content standards to authentic, relevant learning experiences. And understand how to create interdisciplinary units that provide data-based evidence of student learning. Some assignments will be coordinated with the work that you complete in Apprentice II practicum experience. (F, W).

**Prerequisite(s):** Apprenticeship II with a score of 1

**Corequisite(s):** EDFP 402, EDT 418

### EDD 410 Practicum in Early Child Ed 1 Credit Hour

A supervised field experience related to the study of early childhood education. Requires a minimum of 45 clock hours of observation and work spread over a semester in an early childhood school setting. Must be taken concurrently with EDD 406. Students must submit the following clearances as prerequisites in order to register for this class (Blood Borne Pathogen test, Criminal Background Consent, Video Recording Consent). (F,W).

**Prerequisite(s):** Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1

**Corequisite(s):** EDD 406

**Restriction(s):**

Can enroll if Class is Undergrad Certification only or Post-baccalaureate Cert only or Junior or Senior

### EDD 411 Directed Tchg: Early Childhood 3 Credit Hours

Supervised observation and teaching in early childhood programs under the joint direction of university and school personnel. Open only to students in the B-K Endorsement Program and those who have been approved. Must be elected concurrently with EDD 412. This clinical internship experience examines and applies the methods and assessment of Birth – Kindergarten pedagogical content knowledge within one supervised classroom context. Across the semester, five days a week for the full semester, interns will observe and teach as required to apply and reflect upon the Michigan Department of Education's Birth to Kindergarten Standards for the Preparation of Teachers of Early Childhood General and Special Education. Students are required to complete the internship application and clearance documents available on the Field Placement webpage. (OC).

**Prerequisite(s):** Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1

**Corequisite(s):** EDD 412

**Restriction(s):**

Cannot enroll if Class is

### EDD 412 Seminar in Early Childhood Ed 3 Credit Hours

This seminar focuses on developmentally appropriate educational practices for children in early childhood programs with an emphasis on the Birth to Kindergarten grade-band standards, writing developmentally appropriate lesson plans, the Reggio Emilia Inspired Approach, assessment of young children, classroom and staff management, multiculturalism, family-centered approaches, children with special needs, and professional development. The seminar provides a theoretical foundation for the field placement (EDD 411). Open only to students in the B-K Endorsement or those who have been approved. An internship application is required for registration in the course. Students are required to complete the internship application and clearance documents available on the Field Placement webpage. (OC).

**Corequisite(s):** EDD 411

**Restriction(s):**

Can enroll if Class is Undergrad Certification only or Post-baccalaureate Cert only or Junior or Senior or Graduate

### EDD 413 LD Elem Directed Teaching 2 Credit Hours

Field experience with elementary students with learning disabilities in general and special education classrooms. Experiences include delivery of direct instruction through observation, tutoring, small and large group instruction, curriculum development and adaptations, participation in the IEP and ITP process, collaboration and co-teaching with regular classroom teachers in various academic content areas, and other activities under the on-site supervision of a certified teacher of LD and LD certified University field supervisor. Students must complete EDC 401, EDN 401, EDN 403, EDN 404, and EDN 402 prior to registering for their LD directed teaching. General Education Student Teaching is completed the semester prior to LD directed teaching.

**Corequisite(s):** EDD 420, EDN 408

**Restriction(s):**

Cannot enroll if Class is

Cannot enroll if Level is

Cannot enroll if Major is

**EDD 418 Children and Families Intern 4 Credit Hours**

Supervised observation and teaching in an Early Childhood classroom setting, or parent education program in a Family Service Agency under the joint direction of University and school or Agency personnel. Open only to students in the Children and Families program who have been approved for the course by the Field Placement Director. Students are required to complete a criminal background check consent form, video recording consent form, and bloodborne pathogens training along with an internship application. An internship application is required for registration and must be submitted by July 15th for Fall, October 15th for Winter, or March 15th for Summer. The internship application and clearance documents can be found at: <https://umdearborn.edu/cehhs/cehhs-office-student-success/field-placement-office/education-practicums>

**Prerequisite(s):** Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1

**Restriction(s):**

Cannot enroll if Class is

**EDD 419 Early Literacy/Language Develop 3 Credit Hours**

This course examines early language development, the factors that contribute to its growth and the role that it plays in the development of literacy. Diagnostic techniques for assessing language and literacy and teaching strategies and materials to facilitate language and literacy growth in children birth through third grade will be discussed. (YR)

**Prerequisite(s):** Apprenticeship I, TCERT Admit with a score of 1 and Minimum GPA with a score of 2.75 and MTTC Basic Reading with a score of P and MTTC Basic Math with a score of P and MTTC Basic Writing with a score of P and (Composition Placement Score with a score of 40 or Composition Placement Score with a score of 107 or COMP 106 or COMP 220 or COMP 280 or COMP 270) and EDA 340

**Restriction(s):**

Can enroll if Class is Junior or Senior

Can enroll if College is Education, Health, and Human Services

Can enroll if Program is

**EDD 420 LD Sec Directed Teaching 2 Credit Hours**

Field experience with secondary students with learning disabilities in general and special education classrooms. Experiences include delivery of direct instruction through observation, tutoring, small and large group instruction, curriculum development and adaptations, participation in the IEP and ITP process, collaboration and co-teaching with regular classroom teachers in various academic content areas, and other activities under the on-site supervision of a certified teacher of LD and LD certified University field supervisor. Students must complete EDC 401, EDN 401, EDN 403, EDN 404, and EDN 402 prior to registering for their LD directed teaching. General Education Student Teaching is completed the semester prior to LD directed teaching.

**Corequisite(s):** EDD 413, EDN 408

**Restriction(s):**

Cannot enroll if Class is

Cannot enroll if Major is

**EDD 421 Directed Teach Secondary Sch 10 Credit Hours**

Directed teaching consists of a teaching internship in a selected classroom for a full term under the direction of an experienced teacher. Includes a brief period of observation followed by several weeks of responsible teaching including the writing, implementing, and evaluation of lesson plans using University-approved practices. Official admission and good standing in the College of Education, Health, and Human Services' teacher certification program are required. Completion of methods courses in the major and minor and passing appropriate MTTC tests required. Students cannot receive credit for both EDD 421 and EDD 301. (F, W).

**Corequisite(s):** EDD 424

**Restriction(s):**

Cannot enroll if Class is

Cannot enroll if Level is

**EDD 422 Teach Strategies Early Child B-K 3 Credit Hours**

Focuses on the developmentally appropriate educational practices for children from infancy through kindergarten. Introduces various procedures and strategies to stimulate inquiry in the early childhood classroom. Observation skills, planning, and implementing of lessons in the field will be emphasized. Class seminar designed to correlate theory with observation and field work. Because students will carry out assignments and activities in schools through a 10-hour clinical experience, those enrolled must complete clearance forms before their clinical experiences; refer to the Field Placement Office website. (YR).

**Prerequisite(s):** EDC 240 and Infect Disease/Blood Born Path with a score of 1 and Video Recording Consent with a score of 1 and Criminal Background Check with a score of 1

**Restriction(s):**

Cannot enroll if Class is Freshman or Sophomore

**EDD 423 Cross-disciplinary Emergent Inquiry Curriculum in B-K 3 Credit Hours**

This course examines and applies the ways in which the theory and practice of early childhood come together in a range of infancy through the kindergarten grade. This class provides opportunities to plan, implement and assess developmentally appropriate experiences based on state and national learning standards that promote concept and skill development and challenging learning experience across all developmental domains and content areas. The major focus will be how to design cross-disciplinary curriculum that is developmentally appropriate and inquiry-based constructivist teaching. In addition, the class addresses how to bridge content standards to authentic, relevant learning experiences. The majority assignments will be coordinated with the work that you complete in B-K Apprenticeship I. (F, W).

**Prerequisite(s):** EDD 422 and Apprenticeship I, TCERT Admit with a score of 1 and Infect Disease/Blood Born Path with a score of 1 and Video Recording Consent with a score of 1 and Criminal Background Check with a score of 1

**EDD 424 Seminar: Teaching Secondary Grades 2 Credit Hours**

This course draws upon the resources found in the directed teaching environment. Students will consider problems and issues in four broad areas: students in the school, the teacher's professional responsibilities, curriculum understandings, and administrative/organizational problems. Open only to students enrolled in EDD 421. (F, W).

**Corequisite(s):** EDFP 421

**Restriction(s):**

Cannot enroll if Class is

Cannot enroll if Level is

**EDD 426 Seminar for Internship for Directed Teaching: Birth to Kindergarten 2 Credit Hours**

This course draws upon the resources found in the internship for directed teaching environment, examining and applying the methods and assessment of Birth – Kindergarten pedagogical content knowledge. Interns will consider problems and issues in four broad areas: students and families in the context, the teacher’s professional responsibilities, curriculum understandings, and administrative/organizational opportunities. (F, W).

**Prerequisite(s):** Teaching Internship with a score of 1

**Corequisite(s):** EDD 414

**EDD 437 Seminar: Teaching Elementary Grades 2 Credit Hours**

This course draws upon the resources found in the directed teaching environment. Students will consider problems and issues in four broad areas: students in the school, the teacher’s professional responsibilities, curriculum understandings, and administrative/organizational problems. Open only to students enrolled in EDD 435. (F, W).

**Prerequisite(s):** Teaching Internship with a score of 1

**Corequisite(s):** EDPF 435

**Restriction(s):**

Cannot enroll if Class is

**EDD 438 Apprenticeship I: Clinical Experience in B-K 3 Credit Hours**

This clinical experience examines and applies the methods and assessment of Birth – Kindergarten pedagogical content knowledge within at least two supervised classroom contexts. Across the semester, two consecutive days a week for two 7-week clinical experiences of observation and teaching is required to apply techniques learned in EDD 423, Cross-disciplinary Emergent Inquiry Curriculum in B-K. (F, W).

**Prerequisite(s):** Apprenticeship I, TCERT Admit with a score of 1 and Infect Disease/Blood Borne Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1 and EDD 422

**Corequisite(s):** EDD 423

**EDD 439 Apprenticeship II: Clinical Experience in B-K 3 Credit Hours**

This clinical experience examines and applies the methods and assessment of Birth-Kindergarten pedagogical content knowledge within at least two supervised classroom contexts. Across the semester, two consecutive days a week for two 7-week clinical experiences of observation and teaching is required to apply techniques learned in EDD 446 Intervention Strategies for EC Special Ed. (F, W).

**Prerequisite(s):** Apprenticeship II with a score of 1 and Infect Disease/Blood Borne Path with a score of 1 and Video Recording Consent with a score of 1 and Criminal Background Check with a score of 1 and EDD 438

**Corequisite(s):** EDD 456

**EDD 440 Teach English in Second Grds 2 to 3 Credit Hours**

Investigates the general and specific goals and objectives of English education. Trends, materials, and strategies are presented. A study of outstanding problems in the teaching of English composition, literature, grammar, and language are discussed. Official admission to and good standing in teacher certification program are required. EDD 441 required concurrently for undergraduate only.

**Prerequisite(s):** Apprenticeship I, TCERT Admit with a score of 1 and Minimum GPA with a score of 2.75

**Corequisite(s):** EDD 441

**Restriction(s):**

Can enroll if Class is Undergrad Certification only or Post-baccalaureate Cert only or Junior or Senior

**EDD 441 Practicum: English Second Grd 1 Credit Hour**

A supervised field experience related to the study of English in grades 6-12. Requires a minimum of 45 clock hours of observation and work spread over a semester in a school setting. Official admission to and good standing in the teacher certification program are required. Must be taken concurrently with EDD 440. For graduate credit elect EDD 502. Students must submit the following clearances as prerequisites in order to register for this class (Blood Borne Pathogen test, Criminal Background Consent, Video Recording Consent).

**Prerequisite(s):** Apprenticeship I, TCERT Admit with a score of 1 and Minimum GPA with a score of 2.75 and Infect Disease/Blood Borne Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1

**Corequisite(s):** EDD 440

**Restriction(s):**

Can enroll if Class is Undergrad Certification only or Post-baccalaureate Cert only or Junior or Senior or Graduate

**EDD 442 Differentiated Instruction: Grades PreK–3 and 3–6 3 Credit Hours**

This course will provide insight to individualized instruction combined with the latest information on brain development and understanding of multiple intelligences. This course will address diversity issues, planning techniques, effective teaching strategies, technology integration, and motivational concepts. New methods of meeting the needs of diverse students will be introduced, aligned with evidence-based practices. This course will prepare students with the skills to develop instructional and assessment techniques that are responsive to the specific characteristics and diverse needs of students. (F, W).

**Prerequisite(s):** (EDC 414 or EDC 460) and Apprenticeship I, TCERT Admit with a score of 1

**Restriction(s):**

Cannot enroll if Class is

Cannot enroll if Level is

Can enroll if College is Education, Health, and Human Services

**EDD 444 Teach English in Second Grds 3 Credit Hours**

Investigates the general and specific goals and objectives of English education. Trends, materials, and strategies are presented. A study of outstanding problems in the teaching of English composition, literature, grammar, and language are discussed. Official admission to and good standing in teacher certification program are required.

**Prerequisite(s):** Apprenticeship II with a score of 1

**Corequisite(s):** EDPF 444, EDT 418

**EDD 446 Intervention Strat EC Spec Ed 3 Credit Hours**

Strategies and methods which early educators can use when planning and implementing interventions for infants, toddlers and young children with disabilities and their families. Emphasis will be on addressing family identified priorities and the goals and objectives stated on the Individual Family Service Plan (IFSP) or Individual Educational Plan (IEP) using activity-based intervention, adapting materials, modifying environments and using assistive technology. (W, YR).

**Prerequisite(s):** EDC 414 or EDC 460

**Restriction(s):**

Cannot enroll if Class is Freshman or Sophomore

Can enroll if College is Education, Health, and Human Services

**EDD 447 Tchng English as Second Lang 3 Credit Hours**

This course delves into contemporary methodologies and theories concerning the instruction of English as a second language (ESL). We will place a strong emphasis on developing a standards-based curriculum tailored to English learners or multilingual learners from PreK to 12th grade. The course will also cover the utilization of communicative activities and strategies designed to enhance English language proficiency in students for the following gradebands: PK–3, 3–6, 5–9, and 7–12. Note: EDD 447 involves a 45-hour field experience with an assigned local school district related to the teaching of English as a second language (e.g., Dearborn Public Schools' summer ESL program for PK–12 students). All necessary clearances must be filed with the Office of Student Success prior to starting the course.

**Prerequisite(s):** Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1

**Restriction(s):**

Can enroll if Class is Undergrad Certification only or Post-baccalaureate Cert only or Junior or Senior

**EDD 448 Pract: Tchng Engl Secnd Lang 1 Credit Hour**

A supervised field experience related to the teaching of English as a second language. Required a minimum of 45 clock hours of observation and work spread over a semester in a school setting. Official admission to and good standing in the teacher certification program are required. Must be taken concurrently with EDD 447. For graduate credit elect EDD 548. Students must submit the following clearances as prerequisites in order to register for this class (Blood Borne Pathogen test, Criminal Background Consent, Video Recording Consent).

**Prerequisite(s):** Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1

**Restriction(s):**

Cannot enroll if Class is Freshman or Sophomore

**EDD 449 Tchng English as Second Lang 3 Credit Hours**

This course delves into contemporary methodologies and theories concerning the instruction of English as a second language (ESL). A strong emphasis is on developing a standards-based curriculum tailored to English learners or multilingual learners from PreK to 12th grade. The course will also cover the utilization of communicative activities and strategies designed to enhance English language proficiency in students for the following grade bands: PK–3, 3–6, 5–9, and 7–12. EDD 449 (Teaching English as a Second Language) is a course designed to be taken concurrently with EDT 317 (Learning Technologies in Content Areas) and EDPF 401 (Apprenticeship I), serving as co-requisites. The content covered in EDT 317 and EDPF 401 sets a contextual framework for the activities within EDD 449. To enhance the learning experience, instructors across these courses adopt a collaborative team-teaching approach. They work together in planning, organizing, delivering, and assessing instruction in their respective coursework. (F, W).

**Prerequisite(s):** Apprenticeship I, TCERT Admit with a score of 1  
**Corequisite(s):** EDPF 401, EDT 317

**EDD 450 Teach Math in Second Grades 3 Credit Hours**

This course discusses: 1) the more important parts of recent pedagogical literature, 2) new instructional materials, methods, and curricular trends, and 3) procedures useful in the construction of new units and in the improvement of curricular units. Official admission to and good standing in a teacher certification program are required. EDD 451 required concurrently for undergraduates only. For graduate credit elect EDD 565.

**Prerequisite(s):** Apprenticeship I, TCERT Admit with a score of 1

**Corequisite(s):** EDD 451

**Restriction(s):**

Can enroll if Class is Undergrad Certification only or Post-baccalaureate Cert only or Junior or Senior

**EDD 451 Practicum: Math Second School 1 Credit Hour**

A supervised field experience related to the teaching of mathematics in grades 6-12. Requires a minimum of 45 clock hours of observation and work over a semester in a school setting. Official admission to and good standing in the teacher certification program are required. Must be taken concurrently with EDD 450. For graduate credit elect EDD 566. Students must submit the following clearances as prerequisites in order to register for this class (Blood Borne Pathogen test, Criminal Background Consent, Video Recording Consent).

**Prerequisite(s):** Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1

**Corequisite(s):** EDD 450

**Restriction(s):**

Cannot enroll if Class is Freshman or Sophomore

Cannot enroll if Level is Graduate

**EDD 452 Methods of Teaching Elementary Math 3 Credit Hours**

Explores the objectives, methods, and instructional emphasis of elementary school mathematics. Focuses on concept development in major areas of elementary mathematics, number and operations. The primary objective is to learn how to teach mathematics in a manner that aligns with the curriculum goals and respects children's diverse backgrounds and identities. Official admission to and good standing in the teacher certification program are required. For graduate credit, elect EDD 552.

**Prerequisite(s):** (MATH 386 or MATH 383) and (Professional Studies with a score of 1 or Apprenticeship I, TCERT Admit with a score of 1)

**Restriction(s):**

Cannot enroll if Class is Freshman or Sophomore

**EDD 455 Teach Math in Second Grades 3 Credit Hours**

This course discusses: 1) the more important parts of recent pedagogical literature, 2) new instructional materials, methods, and curricular trends, and 3) procedures useful in the construction of new units and in the improvement of curricular units. Official admission to and good standing in a teacher certification program are required. For graduate credit elect EDD 565.

**Prerequisite(s):** Apprenticeship II with a score of 1

**Corequisite(s):** EDPF 455, EDT 418

**EDD 456 Intervention Strat EC Spec Ed B-K 3 Credit Hours**

Strategies and methods which early educators can use when planning and implementing interventions for infants, toddlers and young children with disabilities and their families. Emphasis will be on addressing family identified priorities and the goals and objectives stated on the Individual Family Service Plan (IFSP) or Individual Educational Plan (IEP) using activity-based intervention, adapting materials, modifying environments and using assistive technology. (W, YR).

**Prerequisite(s):** Apprenticeship I, TCERT Admit with a score of 1 and Infect Disease/Blood Born Path with a score of 1 and Video Recording Consent with a score of 1 and Criminal Background Check with a score of 1 and EDD 423

**Corequisite(s):** EDD 439

**EDD 468 Teach Read/Lang Arts- Elem Grd 3 Credit Hours**

Acquaints the student with theory, methods, materials, and research related to the teaching of reading and other communications skills in the elementary school. Includes classroom activities designed to strengthen skills in reading comprehension, content area reading, word attack, and the related language arts. Official admission to and good standing in the College of Education, Health, and Human Services teacher certification program are required.

**Prerequisite(s):** Apprenticeship I, TCERT Admit with a score of 1

**Restriction(s):**

Can enroll if Class is Undergrad Certification only or Post-baccalaureate Cert only or Junior or Senior

**EDD 469 Discipline Literacy in Grades 5–12 3 Credit Hours**

Through this course, preservice teachers earning certification in grade bands 5–9 and/or 7–12 will learn discipline literacy strategies, theory, and research that support student learning in all content areas. Official admission to and good standing in the College of Education, Health, and Human Services teacher certification program are required. For graduate credit, elect EDD 569. Students cannot receive credit for both EDD 469 and EDD 569. (YR).

**Prerequisite(s):** (COMP 106 or COMP 220 or COMP 280 or COMP 270)

**Restriction(s):**

Cannot enroll if Class is Freshman or Sophomore

**EDD 471 Reading Instr. Models and Meth 3 Credit Hours**

Various approaches to reading instruction are required. The teaching of reading/study skills in content areas and an introduction to different forms of testing will be addressed. Students will be required to complete a reading tutorial in meeting the needs of an elementary student. Not open to students who have taken EDD 472, EDD 532, or EDD 570. Completion of Phase III form required for registration.

**Prerequisite(s):** EDD 468 and Apprenticeship I, TCERT Admit with a score of 1

**Corequisite(s):** EDD 467

**Restriction(s):**

Can enroll if Class is Undergrad Certification only or Post-baccalaureate Cert only or Junior or Senior

**EDD 474 Environmental Education 2 to 3 Credit Hours**

An analysis of environmental education at both the elementary and secondary school level particularly stressing the environment as a teaching resource. Community resources as they relate to environmental education also are investigated.

**Prerequisite(s):** Apprenticeship I, TCERT Admit with a score of 1 and Minimum GPA with a score of 2.75 and MTTC Basic Math with a score of P and MTTC Basic Reading with a score of P and MTTC Basic Writing with a score of P and (Composition Placement Score with a score of 40 or Composition Placement Score with a score of 107 or COMP 105 or COMP 110 or COMP 280 or COMP 270)

**Restriction(s):**

Can enroll if Class is Undergrad Certification only or Post-baccalaureate Cert only or Junior or Senior

**EDD 480 Teach of Sci in the Second Grd 2 to 3 Credit Hours**

A survey of the place of science in the secondary school curriculum, an analysis and evaluation of objectives, and a consideration of modern practices in teaching science. Official admission to and good standing in teacher certification program are required.

**Prerequisite(s):** Apprenticeship I, TCERT Admit with a score of 1

**Corequisite(s):** EDD 481

**Restriction(s):**

Cannot enroll if Class is

**EDD 481 Practicum in Science:Secnd Grd 1 Credit Hour**

A supervised field experience related to the teaching of science in grades 6-12. Requires a minimum of 45 clock hours of observation and work spread over a semester in a school setting. Official admission to and good standing in teacher certification program are required. Must be taken concurrently with EDD 480. For graduate credit elect EDD 581. Students must submit the following clearances as prerequisites in order to register for this class (Blood Borne Pathogen test, Criminal Background Consent, Video Recording Consent).

**Prerequisite(s):** Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1

**Corequisite(s):** EDD 480

**Restriction(s):**

Cannot enroll if Class is Freshman or Sophomore or Graduate

**EDD 485 Teach Science in the Elem Grd 3 Credit Hours**

Explores the objectives, methods, and instructional emphasis of elementary school science. Stresses concept development in several areas of elementary science. Provides opportunity for preparation of materials for classroom use. Official admission to and good standing in teacher certification program are required. For graduate credit, elect EDD 585. Students must submit the following clearances as prerequisites in order to register for this class (Blood Borne Pathogen test, Criminal Background Consent, Video Recording Consent).

**Prerequisite(s):** (Apprenticeship I, TCERT Admit with a score of 1 or Professional Studies with a score of 1) and Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1 and (NSCI 231 or NSCI 232 or NSCI 233)

**Restriction(s):**

Cannot enroll if Class is Freshman or Sophomore

**EDD 486 Environmental Interpretation 2 to 3 Credit Hours**

Course deals with the interpretation of the environment, its characteristics, and its presentation to school groups as well as to the general public. Intended to acquaint students with a variety of skills and techniques necessary for interpreting the environment to others. Extensive use is made of the UM-Dearborn Environmental Study Area. (AY).

**Restriction(s):**

Cannot enroll if Class is

**EDD 487 Second Lang Tchg: Sec Level 3 Credit Hours**

An examination of current methodologies and techniques for instruction in foreign languages in grades 7-12. Emphasis will be placed on a standards-based curriculum with special attention given to the creation of learning scenarios. The use of communicative activities and the assessment of language skill areas will also be emphasized. Official admission to and good standing in teacher certification program are required.

**Prerequisite(s):** (FREN 301 or GER 301 or SPAN 301) and Apprenticeship I, TCERT Admit with a score of 1

**Corequisite(s):** EDD 402

**EDD 488 Teach of Sci in the Second Grd 3 Credit Hours**

A survey of the place of science in the secondary school curriculum, an analysis and evaluation of objectives, and a consideration of modern practices in teaching science. Official admission to and good standing in teacher certification program are required.

**Prerequisite(s):** Apprenticeship I, TCERT Admit with a score of 1

**EDD 489 Practicum in Soc Stud:Sec Sch 1 Credit Hour**

A supervised field experience in a selected middle or high school social studies classroom. The course requires a minimum of 45 hours of observation of an experienced teacher as well as the writing, implementation, and assessment of one or more lessons. Official admissions to and good standing in the teacher certification program is required. Students must submit the following clearances as prerequisites in order to register for this class (Bloodborne Pathogen training, Criminal Background Consent, Video Recording Consent).

**Prerequisite(s):** Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1

**Corequisite(s):** EDD 490

**Restriction(s):**

Cannot enroll if Class is Freshman or Sophomore or Graduate

**EDD 490 Tch of the Soc Stud in Sec Sch 3 Credit Hours**

This course examines theoretical and practical approaches to teaching social studies at the secondary level. Students explore, develop, and evaluate instructional methods. In light of professional standards, they consider diverse strategies for teaching and assessing middle and high school students.

**Prerequisite(s):** Apprenticeship I, TCERT Admit with a score of 1

**Corequisite(s):** EDD 489

**Restriction(s):**

Cannot enroll if Class is Freshman or Sophomore or Graduate

**EDD 493 Simulation and Gaming 1 to 3 Credit Hours**

This course focuses on simulation and gaming as approaches to learning which are fundamentally different from methods traditionally used in education, industry, business, and psychology. Students will have the opportunity to examine many different types of simulations and games and to participate in selected ones. They will also be able to design one for use in their own area of interest.

**Prerequisite(s):** Apprenticeship I, TCERT Admit with a score of 1 and Minimum GPA with a score of 2.75 and MTTC Basic Math with a score of P and MTTC Basic Reading with a score of P and MTTC Basic Writing with a score of P and (Composition Placement Score with a score of 40 or Composition Placement Score with a score of 107 or COMP 106 or COMP 220 or COMP 280 or COMP 270)

**Restriction(s):**

Can enroll if Class is Undergrad Certification only or Post-baccalaureate Cert only or Junior or Senior

**EDD 495 Elementary Social Studies Methods 3 Credit Hours**

This course is required of prospective elementary teachers grades PK# 6 seeking certification as teachers in the state of Michigan. While it is accurately described as a "methods" course, it is more than a collection of teaching strategies. It's main purpose is to equip the elementary school teacher with tools for teaching social studies to children, but this entails more than just learning teaching strategies. It requires that prospective teachers work to construct initial theories of social studies teaching and learning, including an understanding of content selection (e.g., How do I know which knowledge and skills are the most important?); teaching (e.g., Which ways of teaching best help children learn important knowledge, skills, attitudes, and values?); learning (e.g., How do I know when my students have and have not learned something?); and the critical role of social studies education in the school curriculum (e.g., Can social studies serve as the integrating core?). Overall, this course provides students an opportunity to acquire a solid grasp of the elementary social studies curriculum and be prepared to begin planning and implementing meaningful and engaging social studies units. (F, W).

**Prerequisite(s):** (Apprenticeship I, TCERT Admit with a score of 1 and EXPS 282) or (Professional Studies with a score of 1 and EDM 290 and EDM 291)

**Restriction(s):**

Cannot enroll if Class is Freshman or Sophomore

**EDD 496 Second Lang Tchg: Sec Level 3 Credit Hours**

An examination of current methodologies and techniques for instruction in foreign languages in grades 7-12. Emphasis will be placed on a standards-based curriculum with special attention given to the creation of learning scenarios. The use of communicative activities and the assessment of language skill areas will also be emphasized. Official admission to and good standing in teacher certification program are required.

**Prerequisite(s):** (FREN 301 or GER 301 or SPAN 301) and Apprenticeship I, TCERT Admit with a score of 1 and Minimum GPA with a score of 2.75 and MTTC Basic Math with a score of P and MTTC Basic Reading with a score of P and MTTC Basic Writing with a score of P and (Composition Placement Score with a score of 40 or COMP 105 or COMP 270 or COMP 280 or COMP 110)

**Corequisite(s):** EDD 497

**Restriction(s):**

Can enroll if Class is Undergrad Certification only or Post-baccalaureate Cert only or Junior or Senior

**EDD 499 Secondary Social Studies Methods 3 Credit Hours**

This course examines theoretical and practical approaches to teaching social studies at the secondary level. Students explore, develop, and evaluate instructional methods. Per professional standards, students consider diverse strategies for teaching and assessing middle and high school students. While it is accurately described as a "methods" course, it is more than a collection of teaching strategies. Its main purpose is to equip the secondary social studies teacher with tools for teaching history, geography, economics, and civics. This course requires that prospective teachers work to construct initial theories of social studies teaching and learning, including an understanding of content selection (e.g., How do I know which knowledge and skills are the most important?); teaching (e.g., Which ways of teaching best help children learn important knowledge, skills, attitudes, and values?); learning (e.g., How do I know when my students have and have not learned content?); and the critical role of social studies education in the school curriculum (e.g., Can social studies serve as the integrating core?). Overall, this course provides students with an opportunity to acquire a solid grasp of social studies curriculum, problems of practice, and the role of inquiry in social studies education. (F).

**Prerequisite(s):** Apprenticeship II with a score of 1

**Corequisite(s):** EDFP 499, EDT 418

**Restriction(s):**

Cannot enroll if Class is Freshman or Sophomore or Graduate

\*An asterisk denotes that a course may be taken concurrently.

Frequency of Offering

The following abbreviations are used to denote the frequency of offering: (F) fall term; (W) winter term; (S) summer term; (F, W) fall and winter terms; (YR) once a year; (AY) alternating years; (OC) offered occasionally