

# MIDDLE CHILDHOOD EDUCATION (MCED)

## MCED 20000 LEARNING AND EXPERIENCE IN MIDDLE CHILDHOOD EDUCATION 3 Credit Hours

This course introduces Middle Childhood Education (MCED) teacher candidates to the cultural, community, social, emotional, cognitive, physical and moral development of early adolescents. It offers MCED candidates the opportunity to immerse themselves in a grades 4-9 clinical experience while exploring the experiences of early adolescence.

**Prerequisite:** CULT 29535.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

## MCED 30001 TEACHING MATHEMATICS IN MIDDLE CHILDHOOD I 3 Credit Hours

Examine issues and trends in mathematics and mathematics education. Theories of the teaching and learning of mathematics will be addressed within the context of problem solving, communications, reasoning and connections with other disciplines.

**Prerequisite:** EPSY 29525; and MATH 14001 and MATH 14002; and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

## MCED 30002 INTEGRATED SOCIAL STUDIES AND SCIENCE IN MIDDLE CHILDHOOD 3 Credit Hours

Introductory methods course integrating social studies and science. Emphasis on principles of teaching and learning as applied to teaching to social issues and problems appropriate for middle childhood students.

**Prerequisite:** Admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

## MCED 31000 TEACHING AND LEARNING IN MIDDLE CHILDHOOD 3 Credit Hours

This course emphasizes theories of learning and teaching and their application to teaching in middle childhood classrooms with a diversity of learners. Major class topics include lesson planning, teaching strategies, assessment, classroom management, and effective classroom instructions. In a concurrent clinical field experience, teacher candidates will apply teaching methods in intermediate-middle school classrooms. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school before the first day of the semester in which student teaching internship will take place.

**Prerequisite:** Admission to advanced study; and middle childhood education major.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

## MCED 40001 TEACHING MATHEMATICS IN MIDDLE CHILDHOOD II 3 Credit Hours

To develop knowledge of the theories, materials and methods used to teach mathematics in the contemporary classroom for grades 4-9 and develop skill in their use.

**Prerequisite:** MCED 30001; and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

## MCED 40002 TEACHING SCIENCE IN THE MIDDLE CHILDHOOD II 3 Credit Hours

This course is designed to provide pre-service teachers with meaningful and practical learning experiences that will prepare them to create effective science learning environments for grade 4-9 students. This course includes 40 field clinical hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which clinical hours will take place.

**Prerequisite:** MCED 30002; and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

## MCED 40003 TEACHING SOCIAL STUDIES IN MIDDLE CHILDHOOD II 3 Credit Hours

Advanced methods course. Examines the purpose of citizenship education and understanding the role of history and the social sciences. Applying the principles of powerful teaching. Includes a major field experience at the student teaching site. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.

**Prerequisite:** MCED 30002; and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

## MCED 40005 EFFECTIVE USE OF PHONICS IN READING 3 Credit Hours

The influence of theoretical perspectives on word identification instruction, an examination of the role of phonics in reading and writing strategies for effective phonics instruction and assessment.

**Prerequisite:** Admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

## MCED 40006 READING AND WRITING IN MIDDLE CHILDHOOD (WIC) 6 Credit Hours

Understanding of literacy learning in the middle childhood (classrooms grades 4-9) with emphasis on the development of reading and writing processes, strategies for text learning, literacy in electronic environments, authentic assessment and teaching children who struggle as readers.

**Prerequisite:** Admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 6 lecture

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course

**MCED 40007 TEACHING READING WITH LITERATURE IN MIDDLE CHILDHOOD 3 Credit Hours**

The study of the teaching of reading with literature with middle childhood students within an integrated language arts approach in a comprehensive literature program.

**Prerequisite:** MCED 40006; and admission to advanced study.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 40045 TEACHING MATHEMATICS IN THE INTERMEDIATE YEARS, GRADES 4-5 3 Credit Hours**

To develop knowledge of the theories, materials and methods used to teach mathematics in the contemporary classroom for grades 4-5 and develop skill in their use.

**Prerequisite:** ECED 40147 with a minimum grade of C.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 41000 CURRICULUM AND ORGANIZATION IN MIDDLE CHILDHOOD 3 Credit Hours**

This course is designed to enhance knowledge, skills, and dispositions about curriculum history and organization of middle level schools (grades 4-9) that is developmentally responsive to early adolescents, and promotes student achievement and equity. Additionally, this course is also designed to extend knowledge, skills, techniques, and professional dispositions as related to middle school students' experiences, and differentiate curriculum and assessment for diverse learners.

Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school before the first day of the semester in which student teaching internship will take place.

**Prerequisite:** Admission to advanced study; and MCED 31000; and middle childhood education major.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter-IP

**MCED 41192 MIDDLE CHILDHOOD EDUCATION GENERALIST PRACTICAL EXPERIENCE (ELR) 1 Credit Hour**

(Repeatable for credit) Supervised work experiences that are integrated with academic instruction and related to student's occupational goal within Middle Childhood Education Science or Social Studies.

**Prerequisite:** Special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 3.33 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**MCED 42392 STUDENT TEACHING IN MIDDLE CHILDHOOD (ELR) 9 Credit Hours**

(Slashed with MCED 52392) Full-time student teaching for sixteen weeks in two selected concentrations (mathematics, science, language arts, social studies) and reading in grades 4-5 or grades 6-7-8. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.

**Prerequisite:** MCED 41000 and MCED 40007; and admission to advanced study.

**Corequisite:** MCED 49525.

**Schedule Type:** Practical Experience

**Contact Hours:** 27 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

**MCED 46645 CRITICAL INQUIRY AND INTEGRATION: SCIENCE AND SOCIAL STUDIES, GRADE 4 3 Credit Hours**

Introduces students to fourth grade content using an interdisciplinary, inquiry approach to teaching and learning in science and social studies.

**Prerequisite:** Special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 47745 CRITICAL INQUIRY AND INTEGRATION: SCIENCE AND SOCIAL STUDIES, GRADE 5 3 Credit Hours**

Engages students in the use and development of pedagogical content knowledge for teaching grade 5 using an interdisciplinary, inquiry approach to teaching and learning in science and social studies.

**Prerequisite:** Special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 49525 INQUIRY INTO PROFESSIONAL PRACTICE:MIDDLE CHILDHOOD 3 Credit Hours**

A seminar linked to student teaching with an emphasis on action research as professional development; completion of professional portfolios; professional ethics; and legal, medical and ethical issues in teaching.

**Prerequisite:** MCED 41000 and MCED 40007.

**Corequisite:** MCED 42392.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 50002 TEACHING SCIENCE IN MIDDLE CHILDHOOD II 3 Credit Hours**

(Slashed with MCED 40002) This course is designed to provide pre-service teachers with meaningful and practical learning experiences that will prepare them to create effective science learning environments for grade 4-9 students. This course includes 40 field clinical hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which clinical hours will take place.

**Prerequisite:** MCED 30002; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 50003 TEACHING SOCIAL STUDIES IN MIDDLE CHILDHOOD II**  
**3 Credit Hours**

Advanced methods course. Examines the purpose of citizenship education and understanding the role of history and the social sciences. Applying the principles of powerful teaching. Includes a major field experience at the student teaching site. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/internship will take place.

**Prerequisite:** MCED 30002; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 50005 EFFECTIVE USE OF PHONICS IN READING**  
**3 Credit Hours**

The influence of theoretical perspectives on word identification instruction, an examination of the role of phonics in reading and writing, strategies for effective phonics instruction and assessment.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 50006 READING AND WRITING IN MIDDLE CHILDHOOD**  
**6 Credit Hours**

Understanding of literacy learning in the middle childhood (classrooms grades 4-9) with emphasis on the development of reading and writing processes, strategies for text learning, literacy in electronic environments, authentic assessment and teaching children who struggle as readers.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 6 lecture

**Grade Mode:** Standard Letter

**MCED 50007 TEACHING READING WITH LITERATURE IN MIDDLE CHILDHOOD**  
**3 Credit Hours**

The study of the teaching of reading with literature with middle childhood students within an integrated language arts approach in a comprehensive literature program.

**Prerequisite:** MCED 50006; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 50045 TEACHING MATHEMATICS IN THE INTERMEDIATE YEARS, GRADES 4-5**  
**3 Credit Hours**

To develop knowledge of the theories, materials and methods used to teach mathematics in the contemporary classroom for grades 4-5 and develop skill in their use.

**Prerequisite:** ECED 40147 with a minimum C grade; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 52392 STUDENT TEACHING IN MIDDLE CHILDHOOD**  
**9 Credit Hours**

(Slashed with MCED 42392) Full-time student teaching for sixteen weeks on an interdisciplinary team in two selected concentrations (mathematics, language arts, social studies, science) and reading in grades 4-9. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching internship will take place.

**Prerequisite:** Graduate standing.

**Corequisite:** MCED 59525.

**Schedule Type:** Practical Experience

**Contact Hours:** 27 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**MCED 56645 CRITICAL INQUIRY AND INTEGRATION: SCIENCE AND SOCIAL STUDIES, GRADE 4**  
**3 Credit Hours**

Introduces students to fourth grade content using an interdisciplinary, inquiry approach to teaching and learning in science and social studies.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 57745 CRITICAL INQUIRY AND INTEGRATION: SCIENCE AND SOCIAL STUDIES, GRADE 5**  
**3 Credit Hours**

Engages students in the use and development of pedagogical content knowledge for teaching grade 5 using an interdisciplinary, inquiry approach to teaching and learning in science and social studies.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 59525 INQUIRY INTO PROFESSIONAL PRACTICE MIDDLE CHILDHOOD**  
**3 Credit Hours**

A seminar linked to student teaching with an emphasis on action research as professional development, completion of professional portfolios, professional ethics and legal, medical and ethical issues in teaching.

**Prerequisite:** CI 67107 and MCED 50007 with a minimum C grade; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**MCED 60115 SCIENCE TECHNOLOGY ENGINEERING AND MATH FOUNDATIONS FOR EARLY AND MIDDLE CHILDHOOD EDUCATION**  
**3 Credit Hours**

(Cross-listed with ECED 60115) This course introduces early and middle childhood educators to STEM (Science, Technology, Engineering, Mathematics) for students in K-6 classrooms. This includes a foundation and overview of the what, how, and why STEM is included in K-6 classrooms. As a foundation course, students will gain exposure to integrating the STEM disciplines, assessment of mathematics and science in STEM, and aspects of developmentally appropriate STEM for early and middle childhood settings.

**Prerequisite:** ECED 50404 and ECED 50304 and ECED 50303; and graduate standing.

**Pre/corequisite:** ECED 50203.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter