



The mission of Concord University is to provide quality, liberal arts based education, to foster scholarly and creative activities and to serve the regional community (<http://www.concord.edu/academics/>).

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Spring 2019 EDUC 412 Elementary Teaching Methods in Science and Social Studies
CRN 20577 Section 01, Wednesday 8- 10:30, Marsh Hall 136

Course Management System: None

Hardware/Software Needed: An active LiveText account is a required resource for this course because at least one assignment must be submitted electronically using this online platform. LiveText is used by Concord University to maintain our accreditation and to demonstrate the quality of our academic programs and to improve teaching and learning. As a student, you have the option to use your account for secure online storage of your academic work, and to create digital documents such as electronic portfolios or reflective journals, which can be shared with prospective employers or other audiences. You can purchase your account online with a credit or debit card at www.livetext.com. Please purchase the Field Experience Edition. LiveText will be a required resource in several different courses throughout your program, and you can use the same account for any course that requires it for up to five years, so you only need to purchase the account one time. If you already have an active LiveText account, you do not need to purchase another one. After five years you can extend your membership if you continue to need it for additional coursework or would like to maintain it for your personal use." (Taken from an e-mail from the division chair per company's suggestion)

Prerequisites: Admitted to the Teacher Education Program

Text Requirements: None

Course Description/Rationale: Provides teacher candidates with instructional methods, curriculum concepts and laboratory materials appropriate to the teaching of science and social studies in elementary schools.

Concord University Educational Goals and Learning Outcomes: The Learning Outcomes for the course are identified from the ACEI National Standards. The Concord University Educational Goals are aligned with each of the outcomes.

National Standards and Learning Outcomes:

1. Teacher candidates will have an in-depth understanding of and experience with the abilities needed to do scientific inquiry. Concord Learning Goal: Knowledge, Attitudes
2. Teacher candidates will understand the concepts in the subject matter of physical, life, earth, and space sciences with in-depth knowledge in at least one of these. They understand naïve theories and misconceptions about scientific and technological phenomena. Concord Learning Goal: Knowledge, Attitudes
3. Teacher candidates have an in-depth understanding of the distinctions between natural objects and objects made by humans. They can communicate the nature of a problem, and how to design, implement, and evaluate a solution to that problem. Concord Learning Goal: Knowledge, Attitudes
4. Teacher candidates have an in-depth understanding of how science and social studies influences everyday living, personal health, characteristics and changes in population, changes in environments, and the use of technology in local challenges. Concord Learning Goal: Skills, Knowledge, Attitudes
5. Teacher candidates have a thorough understanding of science as a human endeavor, the nature of science, and the history of science. Concord Learning Goal: Knowledge
6. Teacher candidates have in-depth knowledge of the major concepts and principles that unify all scientific effort and that are used in each of the scientific disciplines. Concord Learning Goal: Knowledge
7. Teacher candidates exhibit a high level of competency in teaching the content and fundamentals of social studies in an elementary classroom. Concord Learning Goal: Skills, Knowledge, Attitudes
8. Teacher candidates use a variety of strategies to create experiences for K-6 students to make models of useful things. They develop students' abilities to identify and communicate a problem and to design, implement, and evaluate a solution. Concord Learning Goal: Skills, Knowledge, Attitudes
9. Professional Responsibility and Informed Action Candidates reflect and expand upon their social studies knowledge, inquiry skills, and civic dispositions to advance social justice and promote human rights through informed action in schools and/or communities. Concord Learning Goal: Skills, Knowledge, Attitudes

10. Social Studies Learners and Learning Candidates use knowledge of learners to plan and implement relevant and responsive pedagogy, create collaborative and interdisciplinary learning environments, and prepare learners to be informed advocates for an inclusive and equitable society. Concord Learning Goal: Skills, Knowledge, Attitudes

Course Requirements:

Class attendance and participation are essential for successful completion of the course. Attendance will be taken at each class meeting. Only one unexcused absence will be permitted. Each additional unexcused absence will result in a letter grade deduction. It is the responsibility of the student to obtain information presented in a missed class meeting. Class dates and times can be found on the class schedule. The course assignments will include:

1. Review of the current literature in the teaching of science and social studies
2. Inquiry Research Activities
3. A total of three lessons at a local elementary school
4. Community outreach projects. These may be in the form of judging science fairs, judging Social studies fairs, special afterschool projects, and participation in a water festival.
5. Project Wet training

Students may earn up to 400 points in the following breakdown:

Project Wet Training	50 points
Literature review in science education.	25 points
Literature review in social studies education	25 points
Public school lessons (lesson plan, teaching, reflection)	150 points
Community Outreach Projects	150 points

Grading Policy and Scale, Make-up Policy, Late Work

Grading Scale

400-360 A

359-320 B

319-280 C

*In the event of extenuating circumstances, late work will be accepted and subjected to a grade reduction. Failure to contact the instructor in the event of a missed assignment, will constitute a failed grade.

Course Timeline

Week	Date	Content	Assignment
1	Jan 14*	Overview of course with block instructors.	Professional Snapshot of the Teacher
2	Jan 24*	Using rubrics and validity and reliability.	Science Fair Mercer School
3	Jan 31*	Inquiry in the Classroom	Inquiry Activities
4	Feb 4	Pedagogy and the social studies classroom.	Discussion Post
5	Feb 11	Pedagogy and science in the elementary classroom.	Discussion Post
6	Feb 18	Lesson Planning	Lesson Plan #1
7	Feb 25	Professionalism and the classroom.	Mercer County Science Fair
8	Mar 7*	Classroom Management	Literature Review
9	Mar 21*	Becoming a Reflective Practitioner	
10	Mar 25	Elementary Teaching Philosophies	
11	Apr 1	Coteaching in the Classroom	Lesson Plan #2
12	Apr 8	Assessment in the elementary classroom.	
13	Apr 17-18	Water Festival	Water Festival
14	Apr 25*	Elementary classroom assessments	Lesson Plan #3
15	May 2*	TBA	
Finals	May 6*	Presentations	Presentations

Accessibility/Accommodations:

Concord University is committed to responding to the needs of students with disabilities as defined by the Americans with Disabilities Act. Please inform your instructor at the beginning of the class semester if you have a disability and are requesting accommodations. It is your responsibility to self-disclose that you are requesting accommodations. The University and the instructor will provide you with a reasonable accommodation. You should register with CU's

Disability Services Office, located on the Athens campus Jean and Jerry Beasley Student Center, Bottom Floor, across from the Campus Post Office. The Disability Services Office phone 304-384-6086 or you can email the Director, Nancy Ellison, at nellison@concord.edu for assistance.

Academic Dishonesty

Academic dishonesty is morally unacceptable as well as destructive to the learning and teaching atmosphere. Academic dishonesty includes the giving or receiving of improper help on examinations or assignments, falsifying documents, and plagiarism (the act of stealing and using, as one's own, the ideas or the expression of the ideas of another). Such dishonesty can lead to a variety of penalties — including but not limited to failure of assignment, failure of course, loss of institutional privileges, or dismissal from the University. (See University Catalog Academic Policies and Procedures.)

Concord University Honor Code

A Concord University Honor Code was approved by students, staff, faculty, administration, and the CU Board of Governors. The Code states: "As a member of the Concord University Community I will act with honesty and integrity in accordance with our fundamental principles and I will respect myself and others while challenging them to do the same." The Honor Code is intended to unite the Concord community behind a culture of honesty, integrity, and civility.

Class/Online Attendance Policy

Regular class attendance is part of a student's academic obligation at Concord. Irregular attendance may affect academic performance adversely and is detrimental to the atmosphere of a class. (See University Catalog Academic Policies and Procedures.)

Emergency Alert System

In an effort to increase safety and security on our campus, Concord University encourages everyone to register for instant text message alerts. Alerts will only be used for security and safety notices. All students, faculty, and staff are eligible to receive text message alerts on their cell phones or email alerts. Please contact the IT Help Desk for further assistance (304-384-5291).

Emergency Information

Emergency/courtesy telephones are located at the main entrance of each residence hall and at various other locations on campus. Emergency telephones can be identified by the flashing blue light and will provide the user with a direct link to Public Safety at the press of a button. To report an on-campus emergency, call 304-384-5357 or 911. The Office of Public Safety is located on the bottom floor of the Rahall Technology Center. For further emergency information go to: <http://www.concord.edu/administration/office-public-safety>.

Inclement Weather Policy

As a general policy, the University will remain in normal operations during adverse weather conditions. In the event of severe weather conditions, the following may occur:

University Closure

No students or employees are to report.

Classes Cancelled

Students do NOT report BUT employees are expected to report to work at their normal time.

Operating on an Inclement Weather Delay

Under this schedule, all 8 a.m. classes will start at 10 a.m. Students and faculty will follow the Inclement Weather Schedule. (See <http://www.concord.edu/emergency-alerts> for Athens/Beckley Inclement Weather Schedules.)

*Announcements invoking the late schedule or other options referenced above are aired on area radio and television stations and are sent as text and email messages to those enrolled for this service. Announcements of campus closures and schedule delays are also posted on the CU webpage. Log on to <http://www.concord.edu> ☐☐Everyday Access ☐☐Emergency Alert System.

Student Conduct

In classrooms, online, laboratories, and during any activities that are part of course requirements, students are expected to observe reasonable rules of conduct.

Technology Services

Contact the CU Help Desk at extension 5291 from campus or 304-384-5291 off campus. You may also e-mail cuhelpdesk@concord.edu.

Syllabus Disclaimer "This syllabus is subject to change based on the needs of the class. Please check it regularly."