



**ELED 437 Integrated Learning: Science in Field Based Settings
COURSE SYLLABUS
Fall 2012**

Instructor: Deah McCoy
Office Location: Metroplex Suite 600
Office Hours: Monday 9-12, Wednesday 7-9
Office Phone: 972-882-7533
Office Fax: 972-613-7566
University Email Address: dmccoy005@aol.com

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings:

Textbook(s) Required: Nath., J.L., & Ramsey, J. (2004). **Preparing to Teach Texas Content Areas.** Allyn and Bacon

Field-Based Teacher Education Program Handbook [revised July 2010]. Available online at <https://www.tamu-commerce.edu/teacher/pdf/FieldBasedProgramHandbook.pdf>

Course Description:

Explore the integrated nature of learning with science as content focus. Seminars are conducted in CPDT centers; field-based applications take place in public schools under the guidance of public school teachers and university personnel that comprise the Instructional Leadership Team. Prerequisite EIED 300; Rdg 350, 370; admission to teacher education program; placement in a NETCPDT center; minimum overall GPA of 2.5 and must have passed TSI. (3 semester hours)

This course is taught in an integrated manner during seminar by Center Faculty and includes ELED 436, 438, Rdg. 448.

Student Learning Outcomes:

While engaged in learning and teaching the intern will show evidence that s/he:

- can manage classroom, field, and laboratory activities to ensure the safety of all students and the ethical care and treatment of organisms and specimens,
- understands the correct use of tools, materials, equipment, and technologies,
- has theoretical and practical knowledge about teaching science and about how students learn science,
- knows the varied and appropriate assessments and assessment practices to monitor science learning,
- understands the nature and history of science,
- understands how science affects the daily lives of students and how science interacts with and influences personal and societal decisions,
- knows the science content appropriate to teach the statewide curriculum [TEKS] in physical science,
- knows the science content appropriate to teach the statewide curriculum [TEKS] in life science,
- knows the science content appropriate to teach the statewide curriculum [TEKS] in earth and space science, and

- knows the unifying concepts and processes that are common to all sciences.
- understand the importance of illustrations and concrete examples with use of hands-on experiences, as well as content and vocabulary development for English language learners--- example: use of cognates with English learners.
- model the 5-E lesson design approach

COURSE REQUIREMENTS

Instructional / Methods / Activities Assessments

1. Science Lesson: Teach an informal lesson in the area of Science. Mesquite's Forethought (which follows TEKS) should be your guide. This informal lesson can be in a small group. Success is the key. Set up a situation that allows the lesson to be a positive learning experience for you and the children. The lesson must include a TEKS objective for the grade level during the time frame found in the grade level curriculum framework (Forethought). An informal lesson means it is observed and discussed with you by your mentor(s). Your mentor will fill out documentation, provided by you. **Worth 100 points**
2. FOSS Kit reflection. Find out about the FOSS kits on your campus. Explore the contents of the FOSS kit. Look through the tools provided as well as the literature and video enhancements provided. Visit the website (www.fossweb.com). Write a page reflection. **Worth 100 points**
4. Observe 5 content reading strategies done by your mentor. Write about each strategy and how they were used or how you will use them in your classroom. Use the format page proved by Susan. **Worth 100 points**
5. Choose, plan, and analyze with your school team a lesson from Forethought to teach during seminar. Every member of the team must participate equally and all participants in the demonstration lesson must be active. **Worth 100 points**
6. Seminar attendance is **worth 150 points**. See section about attendance. \
7. Daily journal writing in your journal while on campus and in seminars which will include reflections on teaching strategies, learning strategies, organization/management systems, effective instruction, and the accommodation of diversity. It is very important to reflect on what you are learning, what you are seeing and areas that you need to address. Be sure to include routines, timing, children's responses to different situations, etc. You will look back on this when you are in charge. This journal will be an invaluable reference, for your personal reflection and experiences. Bring your journal to seminar because questions will be posed for you to answer. Bringing your journal to seminar is **Worth 100 points**.
8. Complete ITEPS every week. You and your mentor sign. Bring your ITEP to seminar. **Worth 130 points**
9. Professionalism: The highest level to be demonstrated at all school and university functions. An educator demonstrates his/her professionalism in the following ways: be on time and not absent (must make up day if absent, please do not take advantage of this option, it is so important for you to be there on your assigned days, students, mentors, and principals rely on you), participating in and contributing to class activities, accepting responsibility, adhering to professional dress (MISD), and consistently demonstrating professionalism during class, field-experience, and on assignments. **Worth 120 points**

Grading

Grading will include completion of the assignments listed under general course requirements.

900 – 850 – A

849 – 750 – B

749 – 650 – C

Below 650 – Failing Grade

Additional Expectations:

1. Written goals for each month of the intern semester. This will be done during seminar.
2. Attendance at school functions. Example: PTA meeting, a school board meeting, and ARD meeting, Open House, “Meet the Teacher” night and a community function. These need to be documented by creating a list of activities attended, the location and the date. This can be used for extra credit if needed.
3. An electronic portfolio is started this semester.
4. Formal evaluations: Internship is a time for growth. These evaluations are used to guide your instruction in order to make you a better teacher. Liaison will evaluate you once. Each of your mentors will also evaluate you. This is a total of 3 evaluations for this semester.

TECHNOLOGY REQUIREMENTS

1. Enhance lessons using computer based curriculum for Mesquite ISD that can be used during your teaching.
2. Become familiar with lessons using the Promethean Board and be ready to share during seminar.
3. Understand that technology is a tool that can, if using correctly enhance the learning-teaching experience.
4. Formal evaluations: Internship is a time for growth. These evaluations are used to guide your instruction in order to make you a better teacher. Liaison will evaluate you once. Each of your mentors will also evaluate you. This is a total of 3 evaluations for this semester.

ACCESS AND NAVIGATION

Course Concerns: If you have questions pertaining to the content of this course or field experiences, please contact your liaison or Susan Williams (Susan_Williams@tamuccommerce.edu) or (972-882-7533)

COMMUNICATION AND SUPPORT

Interaction with Instructor Statement:

1. Attendance—on time—at *all* university seminars, campus assigned days, school/university meetings, and staff development. Each seminar is worth 10 points for attendance. Points will be deducted for each tardy.
2. Prepared for all campus assignments, university assignments and university seminars.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures:

Citizenship: All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. (See Student 92s Guide Handbook, Policies and Procedures, Conduct)

Late Work: Late work is not accepted. You will have plenty of notification of due dates.

Plagiarism: Plagiarism will not be tolerated and will result in an automatic F in the course.

Scholarly Expectations All works submitted for credit must be original works created by the scholar uniquely for the class. It is considered inappropriate and unethical to make

duplicate submissions of a single work for credit in multiple classes, unless specifically requested by the instructor.

University Specific Procedures:

ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

Texas A&M University-Commerce

Gee Library 132

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

StudentDisabilityServices@tamu-commerce.edu

[Student Disability Resources & Services](#)

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. (See *Code of Student Conduct from Student Guide Handbook*).

Undergraduate Graduation Checklist

<http://www.tamu-commerce.edu/registrar/pdfs/UndergradChecklist.pdf>

- 1. Total Hours for degree met? (Must be at least 120 hrs)**
- 2. Required Institutional-25% of course work taken at TAMU-Commerce?**
- 3. Last Number Institutional Required-24 out of last 30 hrs?**
- 4. Overall GPA at least 2.00 (2.50 for Certification Students)?**
- 5. University Studies Met?**
- 6. Major (plus support if applicable) Course Requirements Met?**
- 7. Major GPA is at least 2.00 (2.50 for Certification Students)?**
- 8. Major Required courses have C's or better?**
- 9. At least 6 hours are advanced in Major?**
- 10. All Certification Requirements Met? (Internship/Residency/Etc.)**
- 11. 2nd Major (plus support if applicable) Course Requirements Met?**
- 12. 2nd Major GPA is at least 2.00 (2.50 for Certification Students)?**
- 13. Minor (plus support if applicable) Requirements Met?**
- 14. Minor GPA is at least 2.00 (2.50 for Certification Students)?**
- 15. Junior Level Essay Met?**
- 16. Senior Level Check Met (minimum 60 hrs)?**
- 17. Advanced Hour Check Met?**
- 18. 24 Advanced Hours taken at TAMU-Commerce?**
- 19. A&M Commerce GPA 2.00 Met (2.50 for Certification Students)?**

Intern Calendar for Mesquite ISD and Rockwall ISD - 2012-2013

	August	September	October	November	December
Monday			1-Holiday (MISD) -Campus (RISD)		
Tuesday			2-Campus		
Wednesday	1		3-Holiday (RISD) -Seminar (MISD)		
Thursday	2		4	1	
Friday	3		5	2	
Saturday	4	1	6	3	1
Sunday	5	2	7	4	2
Monday	6	3-Holiday	8-Campus	5-Campus	3-Campus
Tuesday	7	4-Campus	9-Campus	6-Campus	4-Campus
Wednesday	8	5-Seminar	10-Seminar	7-Seminar	5-Seminar
Thursday	9	6	11	8	6
Friday	10	7	12	9	7
Saturday	11	8	13	10	8
Sunday	12	9	14	11	9
Monday	13	10-Campus	15-SWITCH Day/Campus	12-Campus	10-Seminar
Tuesday	14	11-Campus	16-Campus	13-Campus	11-Seminar
Wednesday	15	12-Seminar	17-Seminar	14-Seminar	12-Seminar
Thursday	16	13	18	15	13
Friday	17-Seminar	14	19	16	14

Saturday	18	15	20	17	15
Sunday	19	16	21	18	16
Monday	20-Campus	17-Campus	22-Campus	19	17
Tuesday	21-Campus	18-Campus	23-Campus	20	18
Wednesday	22-Campus	19-Seminar	24-Seminar	21	19
Thursday	23-Campus	20	25	22	20
Friday	24-Campus	21	26	23	21
Saturday	25	22	27	24	22
Sunday	26	23	28	25	23
Monday	27-Campus	24-Campus	29-Campus	26-Campus	24
Tuesday	28-Campus	25-Campus	30-Campus	27-Campus	25
Wednesday	29-Campus	26-Seminar	31-Seminar	28-Seminar	26
Thursday	30-Campus	27		29	27
Friday	31-Campus	28		30	28
Saturday		29		31	29
Sunday		30			30