EDCI 597-02W: Effective Use of AI for Planning & Assessment
Special Topics
COURSE SYLLABUS: Winter Mini 2024
December 16th, 2024 – January 10th, 2025

INSTRUCTOR INFORMATION

Instructor: Dr. Lindsay Morgan
Office Hours: By appointment as needed.
University Email Address: lindsay.morgan@ETAMU.edu
Preferred Form of Communication: email
Communication Response Time: 24-48 hours, M-F

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings

1. **ChatGPT Plus Subscription** (you can choose monthly subscription)
To subscribe to ChatGPT Plus, follow these steps:
   - **Access ChatGPT openai.com :**
     o Visit the ChatGPT website and log in to your existing account.
     o If you don't have an account, click "Sign Up" to create one.
   - **Upgrade to ChatGPT Plus**
     o After logging in, locate the "Upgrade to Plus" option in the sidebar on the left.
     o Click on it to initiate the subscription process.
   - **Provide Payment Information:**
     o Enter your payment details as prompted.
     o The subscription fee is $20 per month.
   - **Confirm Subscription:**
     o Review your information and confirm the subscription.
     o Once confirmed, you'll have access to ChatGPT Plus features.

2. **Magic School (Free Version):**
     o A platform designed to assist educators with lesson creation, differentiation, and data-driven planning.
     o Students will use this tool to explore efficient planning methods and personalization strategies.
3. **Conker (Free Version):**

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- o A tool for generating personalized assessments and quizzes.
- o Students will utilize this platform to design AI-enhanced assessments as part of their coursework.
4. **School AI (Free Version):**
    - o A comprehensive AI-powered platform to support curriculum and assessment integration.
    - o Students will explore features for streamlining workflows and improving teaching efficiency.

Journal Articles, Case Studies, Internet Research, and Supplemental Materials

Course Description

This course is designed for graduate students currently working in education who seek to enhance their teaching practices through the effective integration of artificial intelligence (AI) in planning and assessment. Participants will explore various AI tools and technologies, understand their implications for education, and develop strategies to incorporate these tools into curriculum design and assessment methodologies. Through hands-on activities, case studies, and collaborative discussions, educators will gain the knowledge and skills necessary to leverage AI to improve student outcomes in both K-12 and adult learning environments.

Student Learning Outcomes

By the end of this course, students will be able to:

1. **Strategically Plan with AI:** Develop instructional plans that integrate AI tools to enhance curriculum delivery for K-12 and adult learners.

2. **Enhance Assessment Practices:** Create assessment strategies that leverage AI for data collection and analysis, personalized feedback, and improved performance evaluation.

3. **Evaluate Ethical Implications:** Analyze ethical considerations of AI in education, including data privacy and bias, and implement best practices to address them.

4. **Utilize Time-Saving AI Solutions:** Identify and apply AI technologies that streamline planning and assessment processes, improving efficiency in instructional practices.

COURSE REQUIREMENTS

Minimal Technical Skills Needed

Students will need to use: The learning management system (D2L), Google Apps for Education, web navigation, Microsoft Word, PowerPoint, operating system that supports the use of web applications (related to AI), and other presentation software, etc.

Instructional Methods

Instructional delivery for this course will be online. The learning management system (D2L) will be used to deliver instruction, collaborate, post assignments, submit assignments, and more. Coursework will include readings from the assigned web-based materials, completion of assigned activities, and participation in class discussions related to the content. Regular online engagement is crucial to success in this course. Online engagement includes: (1) staying updated with announcements, (2) checking myLeo-Mail, (3) reviewing assignments, (4) referring to the course outline, (5) accessing returned documents and feedback on graded assignments, and (6) communicating with the instructor and fellow classmates as required.

Student Responsibilities

Written Assignments
Completion of all written assignments and projects should exhibit professionalism in appearance and content at an acceptable level of scholarship. All written assignments are to be typed in a legible 12 pt. font with 1" margins (does not apply to discussion board posts). Written assignments should demonstrate mastery of organization, structure, and editing (addressing all aspects of mechanics). Excessive grammar, spelling, and vocabulary errors will result in a reduction of the score according to the provided grading rubric and at the instructor's discretion. Additionally, assignments should integrate thoughtful application of AI tools and critical reflection on their utility, relevance, and impact in educational contexts.

Assignment Due Dates
Assignments are expected to be completed and turned in on time according to the schedule in the syllabus. Whether participating synchronously or asynchronously, students are required to submit assignments by the deadline listed in the syllabus or as communicated during class sessions. Assignments submitted after the deadline will receive a reduction of 10 grade points per day. No assignments will be accepted or graded after the final course date, as specified in the syllabus.

Active Participation
Up to 150 grade points will be awarded for successful class participation, including the following:
- Appropriately responding to discussion questions in class or on the online discussion board.
- On-time submission of all required course assignments.
- Verbal and written contributions to assigned discussion board topics and peer feedback activities.

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- Active engagement in collaborative group activities, such as peer reviews of AI-enhanced lesson and assessment plans.
- Sharing of ideas, theories, and concepts related to AI integration in education.

Attendance: **Procedure Statement**

At East Texas A&M University, students (1) and faculty (2) are expected to be present for **all** face-to-face and interactive video classes in which they are enrolled. Students are responsible for providing faculty members with reason(s) for their absences and are responsible for requesting makeup information for any missed work and/or quizzes, projects, or assessments. For detailed information regarding the ETAMU Attendance Policy, reference the *ETAMU Attendance* section of this syllabus.

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GRADING

The course grade will be determined based on **total points** as follows:

Area	Maximum Points
Four Assignments (50 points each)	200
Class Participation/Discussions	150
Written Assignments	200
2 Journal Article Reflections (50 each)	100
2 Case Study Analyses (50 each)	100
Final AI Integration Project	350
Maximum Total Points	**1000**

Final grades in this course will be based on the following scale:

Letter Grade	Percentage Range	Point Range
A	90%-100%	900-1000
B	80%-89%	800-899
C	70%-79%	700-799
D	60%-69%	600-699
F	Below 60%	<600

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Assignments & Assessments

- **Four Core Assignments (200 points):**
  Each module contains a major assignment aligned with the learning outcomes.
  These include:
  - AI-Enhanced Lesson Plan (Week 1)
  - AI-Based Assessment Design (Week 2)
  - Ethical Guidelines Proposal (Week 3)
  - Efficiency Tool Application Report (Week 4)
- **Journal Article Reflections (100 points):**
  Students will complete two reflections based on articles about AI's use in
  education, focusing on their applications and implications.
- **Case Study Analyses (100 points):**
  Two case studies will challenge students to analyze real-world applications of AI
  in education, addressing both benefits and ethical concerns.
- **Final AI Integration Project (350 points):**
  Students will design a comprehensive AI integration plan for their classroom or
  educational setting, incorporating tools for planning, assessment, and ethical
  considerations. This project should synthesize all course learning outcomes.

The following rubric will be used for grading **all** written assignments.

Category	Full Credit	Partial Credit	No Credit
Supporting Information	Information is clear, comprehensive, and includes required details.	Information is unclear or incomplete.	Information does not address the topic.
Evidence and Examples	All examples are specific, relevant, and well-integrated into the assignment.	Most examples are relevant but lack specificity.	Examples are not specific or relevant.
Sentence Structure	All sentences are well-constructed and clear.	Most sentences are well-constructed.	Most sentences are poorly constructed.
Capitalization, Punctuation, Grammar	No errors in capitalization, punctuation, or grammar.	One or two minor errors in mechanics.	Several errors in capitalization, punctuation, or grammar.
Quality of Work	Responses are clear, legible, and well-organized.	Responses are partially clear or disorganized.	Responses are unreadable or poorly organized.

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TECHNOLOGY REQUIREMENTS

LMS

All course sections offered by East Texas A&M University have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:
https://community.brightspace.com/s/article/Brightspace-Platform-Requirements

LMS Browser Support:
https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

Zoom Video Conferencing Tool
https://inside.ETAMU.edu/campuslife/CampusServices/CITESupportCenter/Zoom_Account.aspx?source=universalmenu

ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@ETAMU.edu.

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a ETAMU campus open computer lab, etc.

ARTIFICIAL INTELLIGENCE USE

AI is allowed **with attribution**: Use of AI tools, including ChatGPT, is permitted in this course for students who wish to use them. To adhere to our scholarly values, **students must cite any AI-generated material that informed their work** (this includes in-text citations and/or use of quotations, and in your reference list). Using an AI tool to generate content without proper attribution qualifies as academic dishonesty.

COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course **material**, please contact your instructor (Dr. Morgan).

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Technical Support

If you are having **technical difficulty** with any part of Brightspace (D2L), please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

https://community.brightspace.com/support/s/contactsupport

Interaction with Instructor Statement

I enjoy getting to know my students. Please contact me with any questions you may have. I strive to provide quick feedback on assignments, etc. Please allow 24-48 hour response time during the business week.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

University Specific Procedures

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the Student Guidebook. http://www.ETAMU.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum: https://www.britannica.com/topic/netiquette

ETAMU Attendance

For more information about the attendance policy please visit the Attendance webpage and Procedure 13.99.99.R0.01. http://www.ETAMU.edu/admissions/registrar/generalInformation/attendance.aspx

http://www.ETAMU.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf

Academic Integrity

Students at East Texas A&M University are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

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Students with Disabilities-- 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
East Texas A&M University
Velma K. Waters Library Rm 162
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
Email: studentdisabilityservices@ETAMU.edu

Website: Office of Student Disability Resources and Services

http://www.ETAMU.edu/campusLife/campusServices/studentDisabilityResourcesAndSe
rvices/

Nondiscrimination Notice

East Texas A&M University will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in East Texas A&M University buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

The syllabus/schedule are subject to change.

For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Web url:
http://www.ETAMU.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

A&M-Commerce Supports Students' Mental Health

The Counseling Center at A&M-Commerce, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit https://www.ETAMU.edu/counseling-center/

Mental Health and Well-Being
The university aims to provide students with essential knowledge and tools to understand and support mental health. As part of our commitment to your well-being, we offer access to Telus Health, a service available 24/7/365 via chat, phone, or webinar. Scan the QR code to download the app and explore the resources available to you for guidance and support whenever you need it.

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EDCI 597 – 02W – Winter Mini 24-25 –Course Schedule

Week / Date	Topic / Module	Activities / Assignments	Due Dates
Week 1 Dec 16–22	**Module 1:** Introduction to AI in Education and Strategic Planning with AI	-Pre-Assessment - Readings: Introductory materials on AI in education - Watch lecture: "AI in Education: Foundations and Possibilities" - **Discussion Board 1**: "Strategic Planning with AI" - Assignment: **AI-Enhanced Lesson Plan**	**Discussion Post**: Dec 20 (Fri) **Lesson Plan**: Dec 22 (Sun)
Week 2 Dec 23–29	**Module 2:** AI-Driven Assessment Strategies	- Readings: Articles on AI for formative and summative assessments - Watch lecture: "Personalized Feedback with AI" - **Discussion Board 2**: "AI in Assessment: Benefits and Challenges" - Assignment: **AI-Based Assessment Design**	**Discussion Post**: Dec 27 (Fri) **Assessment Design**: Dec 29 (Sun)
Week 3 Dec 30–Jan 5	**Module 3:** Ethical Considerations in AI for Education	- Readings: Case studies on AI ethics in education - Watch lecture: "Navigating Data Privacy and Bias in AI Tools" - **Discussion Board 3**: "Balancing AI Innovation and Ethics" - Assignment: **Ethical Guidelines Proposal**	**Discussion Post**: Jan 3 (Fri) **Proposal**: Jan 5 (Sun)
Week 4 Jan 6–10	**Module 4:** Time-Saving AI Solutions for Educators	-Post-Assessment - Readings: AI tools for planning and grading - Watch lecture: "Streamlining Tasks with AI: A Teacher's Guide" - **Discussion Board 4**: "Efficient Workflows with AI" - Assignment: **Final AI Integration Project**	**Discussion Post**: Jan 10 (Fri) **Final Project**: Jan 12 (Sun)

This course outline represents tentative assignments/projects and is subject to change.

Additional Notes:
- **Course Introduction:** The course portal will open on **December 15, 2024**, for students to review the syllabus and course expectations.
- **Break Period:** Students will have a break from **December 24 to December 26**, but Week 2 discussion posts will still be due on **Friday, Dec 27**.
- **Final Project Submission:** The **Final AI Integration Project** synthesizes all course learning outcomes and is due on **Friday, January 10, 2025, by 11:59 PM CST**.
- **Check-Ins:** Optional live Q&A sessions will be made available to address student questions and provide assignment guidance.

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