*More detailed course curriculum, including graduate level, alignment with standards, culturally responsive practices, assessments and resources, can be provided upon request

Title of Course: Unlocking Student Potential with AI

Course Description: In the ever-evolving world of education, it's imperative for educators to embrace Artificial Intelligence (AI) effectively. Our all-encompassing course empowers educators with hands-on strategies for seamless AI integration into teaching. Participants will explore AI's potential to enhance education, promote inclusivity, and cater to diverse learners through readings, discussions, activities, and assignments. Gain a deep understanding of how AI aids language acquisition, navigate potential biases, and evaluate the pros and cons of its educational incorporation. Equip yourself to navigate the AI-driven educational landscape confidently, fostering enriched learning experiences for both educators and students alike.

Instructor Consultation and Interaction

The course is an asynchronous online course that is available for instructor and student participation 24/7. The four-week duration of the class is broken down into four weekly sections each comprised of lecture in the form of instructor created articles and content, web links to academic and professionally reviewed articles in the discipline of general education, and instructor created discussion questions which are, in and of themselves, formative assessments to determine the extent to which the enrollees have comprehended and mastered the skills and information and begun to apply it to their personal teaching practices. The answers to these questions are the basis for the class interaction, as enrollees are required to respond to each other within the classroom.

Proof of Course Completion

LILIE, LLC is committed to assuring that enrollees fully participate in and receive the educational benefits provided by the course. Enrollees must demonstrate participation by making detailed postings designed to foster dialogue among colleagues and instructor that reflect the content, skills/ strategies learned and assessments covered in course. These enrollee postings must be made six times each week, in separate sessions, and including a minimum of 4 academic posts and at least 2 peer-peer comments of others' postings and possible shared assignments. Enrollees are required to submit a detailed reflective feedback n in combination with the archived work. Attempts to falsify record or discussion board entries will result in denial of credit and a report to the enrollee's employer.

Scope & Sequence/Weekly Topics and Objectives

Session I

Objectives	• Analyze the existing educational policies to identify and address equity gaps in resource distribution and access for diverse student populations. • Evaluate the impact of AI technologies in educational settings to enhance inclusivity and diversity, ensuring that AI tools are accessible and beneficial to all student groups. • Identify potential biases in AI algorithms and discuss various methods to mitigate these biases, as well as explore the ethical implications of bias in AI. • Explored opportunities and threats regarding AI's potential impact on social and emotional learning. • Learned practical tips for experimenting with AI to make SEL more personalized for students. • Set a personal "next step" goal to explore how AI can help them better support students' social and emotional development. • Determine how AI tools can support the development of social and emotional learning skills, such as empathy, self-awareness, and emotional regulation. This involves assessing whether these tools can facilitate positive social interactions and emotional growth. • How can we examine AI tools under the lens of equity and SEL to help unlock their potential? • Articulate their motivation for exploring Artificial Intelligence (AI) in education and summarize their existing knowledge or experience with AI. • Create two personal learning goals for the course focusing on how AI can improve student outcomes and promote equity within diverse learning environments. • Discuss how policies and guidelines can help mitigate concerns to ensure positive student outcomes in the context of AI integration in education. • Explore the impact of AI on education and uncover actionable strategies for fostering culturally responsive education in alignment with critical consciousness theory. • Discover tangible methods for effectively integrating AI into the classroom to enhance student learning experiences while promoting cultural inclusivity. • Identify various AI technologies and their practical applications, considering their potential to support culturally responsive teaching and critical conscious theory. • Reflect on the critical aspects and functions of AI tools, such as differentiation, personalization, feedback, or others, assessing their applicability in diverse educational settings. • Express personal opinions regarding the practicality and effectiveness of ChatGPT and Google Bard in enhancing educational communication and productivity. • Develop a vision for integrating AI tools into their teaching practice, outlining potential benefits and challenges in communication and resource generation, and strategizing approaches to overcome potential hurdles.
Topics	• Course Introduction & Building Background Knowledge on AI • Addressing Equity Issues in Education. • AI + SEL & The Mental Health Crisis • Exploring AI Tools to Support Social-Emotional Learning

Application to Instruction & Student Learning	The course begins with establishing a supportive community for educators, where participants introduce themselves, set learning intentions, and outline their motivations. This foundation is geared towards enhancing their teaching practices and student outcomes. Following this, educators delve into the transformative impact of AI in educational settings, focusing on personalizing learning environments and empowering students. They engage with AI-related resources to inform their teaching strategies and discuss AI's role in social-emotional learning (SEL), including its benefits and challenges in supporting student mental health. The course also emphasizes the critical evaluation of AI tools, particularly their potential to create inclusive environments that recognize and value student identities, thus enhancing engagement and learning.

Session II

Objectives	- Analyze the connections between culturally responsive teaching, culture, and AI tools to support multilingual learners and create positive learning outcomes for marginalized and underrepresented students. - Improve educators' skills in communicating with multilingual parents about their children's strengths and assets, utilizing AI tools - Define personalized learning and comprehend its core principles while recognizing the potential of AI in supporting customized educational experiences. - Identify and evaluate various AI-powered personalized learning tools and systems, analyzing their features, capabilities, and suitability for different learning environments. - Comprehend the mechanisms through which AI supports personalized learning, including adaptive content delivery, individualized instruction, and differentiated assessments. - Examine case studies of successful AI-powered personalized learning implementations, extracting insights and best practices for their own educational contexts. - Apply the knowledge and strategies gained from the course to effectively integrate AI-powered personalized learning tools and systems into their classrooms, thereby enhancing learning experiences for students with diverse needs, abilities, and interests.
Topics	- Understanding Culturally Responsive Education & AI's Potential - AI Tools to Streamline Communication with Multilingual Families - Personalizing Instruction with AI Tools - Differentiating Instruction to Meet the Needs of Diverse Learners - Midterm - Enhancing Your Equity Toolbox
Application to Instruction & Student Learning	This module engages educators in reflecting on the role of AI in personalizing educational materials and creating differentiated content, prompting them to evaluate AI-generated suggestions for instructional design and their responsibility in selecting educational resources. Educators will also be encouraged to consider strategies for partnering with families of multilingual students, focusing on creating a welcoming environment, building relationships, and overcoming engagement barriers. The comprehensive midterm assignment delves into AI-driven personalization and differentiation in education, addressing ethical considerations and practical strategies for effective implementation, aiming to create equitable and inclusive learning experiences for students.

Session III

Objectives	- Enhance their understanding of implicit biases, particularly against students with disabilities and marginalized groups, to better recognize and address these biases in educational settings. - Implement Universal Design for Learning principles to create more inclusive, accessible, and culturally responsive classrooms, benefiting students with disabilities and those from underrepresented backgrounds. - Explore how to merge AI tools with UDL principles, aiming to tailor learning experiences for diverse learners, with a focus on students with disabilities and marginalized groups. - Evaluate the integration of AI tools within the UDL framework, discerning how these tools can be utilized to provide equitable access and foster inclusivity in learning environments.

	- Create engaging and equitable lesson plans by employing AI tools, demonstrating the ability to integrate personalized learning, multimodal content, inclusive design, and collaborative learning strategies that adhere to UDL principles. - Apply knowledge of AI and UDL in real-world classroom settings, using AI-driven tools to enhance lesson personalization, content diversity, and accessibility for all students. - Synthesize information from discussions and readings to formulate comprehensive insights on how AI tools supporting UDL contribute to social justice in education, particularly in enhancing the three key UDL principles. - Design presentations or digital artifacts that showcase how to use AI tools in teaching practices, reflecting on the tool's functionalities and alignment with specific UDL principles.
Topics	- Engage in a personal reflection exercise using AI tools to explore cultural identity - Identify Implicit Biases Against People with Disabilities - Combine AI and UDL to Provide Students with Choice - Conversation on Race from the Marganilized and Underrepresented Students - Develop a list of AI-based solutions to address the unique challenges faced by students with disabilities and marginalized students. - Understanding Students with Disabilities and their Perspectives - Leverage A.I. for Student Supports and Scaffolds - Unlocking Students' Potential with Assistive AI Technology
Application to Instruction & Student Learning	Educators will leverage AI tools within the Universal Design for Learning framework to enhance student outcomes and learning experiences. They will combine their understanding of UDL with AI to create accessible, engaging learning experiences for all students. This includes personalizing learning content, integrating multimodal content to cater to different learning styles, and ensuring lesson designs are culturally relevant and accessible. Additionally, they will use AI for differentiated instruction, addressing the unique needs of each student, including those with learning differences and English Language Learners. Educators will also employ AI tools to promote critical consciousness and cultural responsiveness, ensuring equitable learning experiences for all. The knowledge gained from these modules empowers educators to effectively integrate AI tools within the UDL framework. This integration will enable them to design learning experiences that are not only personalized and engaging but also inclusive, culturally responsive, and equitable. The ultimate goal is to enhance student learning outcomes by creating an environment where every student has the opportunity to succeed and thrive.

Session IV

Objectives	- Compose a reflective "one-pager" focusing on your personal and professional growth in understanding and applying AI to unlock student potential within an equity-based, culturally responsive educational framework. - Analyze the educational setting and identify a specific challenge or area of need where AI can make a significant impact. - Evaluate and justify the selection of an AI tool or resource that effectively addresses the identified need based on its features, effectiveness, and applicability in the given educational context. - Create a comprehensive presentation using a preferred presentation tool, incorporating background information on AI in education, detailed information about the selected AI tool and its functionalities, an implementation strategy for integrating the AI tool, and a sample lesson or activity plan that demonstrates how the tool caters to diverse learning needs. - Evaluate the significance of focusing on "Evidence of Learning" in the age of AI to understand how AI can transform assessment practices and contribute to a more comprehensive and accurate understanding of students' abilities, including cultural and social-emotional aspects of learning. - Understand how AI tools can support the implementation of student modifications and accommodations. - Apply AI tools to assist students with building their executive functioning skills, following the principles of Bloom's Revised Taxonomy. - Evaluate the ethical use of AI tools to streamline the Individualized Education Program (IEP) process.

	● Understand how to use AI to create learning content for students with disabilities.
Topics	● Culturally Responsive Teaching & AI-Powered Lesson Planning ● Self-evaluate Teaching Practices and how they relate to Cultural Responsive Teaching ● Culturally Responsive Teaching & AI-Powered Assessments ● Reflect on the course content and its impact on your teaching philosophy and practices. ● Evaluation and reflection on unlocking student potential with AI ● Reassessing personal beliefs and institutional ones.
Application to Instruction & Student Learning	This module emphasizes the creation of fair and inclusive lesson plans and assessments using AI, particularly tailored to meet the needs of students with disabilities and those from marginalized groups. It focuses on carefully selecting and applying AI tools to ensure that educational experiences are personalized and equitable. The goal is to design lessons and assessments that not only accommodate diverse learning styles and cultural backgrounds but also provide targeted support for students facing unique challenges, fostering a learning environment where every student can succeed and thrive.