

FIVE STAR PROFESSIONAL LEARNING

Integrated STEM



Equip Your Faculty and Empower Your Graduates to Transform Learning through Integrated STEM

INVEST IN THE FUTURE OF STEM EDUCATION

STEM education has evolved dramatically in recent years toward an integrated approach that improves learning outcomes across disciplines. Our integrated STEM professional learning positions educator prep faculty to confidently incorporate this approach into their instructional methodology and to equip students with the skills they need to bring this approach to their future classrooms.



CROSS-DISCIPLINARY IMPACT

Engaging students in the content and practices deepens understanding across disciplines *



AUTHENTICITY

Help students understand ways to leverage all subjects together in ways that mirror ways we use them in real life*



CRITICAL THINKING & PROBLEM-SOLVING

Through integrated STEM, students learn to analyze information, identify solutions, and evaluate outcomes.



COLLABORATION & COMMUNICATION

Inquiry and teamwork requires students to communicate effectively, share ideas, and negotiate solutions.



DEVELOPMENT OF 21ST-CENTURY SKILLS

Integrated STEM encourages students to think outside the box and come up with innovative solutions. They learn to experiment, take risks, and persevere through challenges.

*(Bush & Cook, 2019)

OUR PROFESSIONAL LEARNING FOCUSES ON INTEGRATED STEM:

Essential frameworks • Research-based instructional practices • Methods for inquiry
Project and problem-based approaches to teaching • Connection to employability skills
Strategies to grow critical thinking, problem solving, creativity, and collaboration



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OUR SERVICES

We offer flexible and customizable professional learning experiences grounded in research and designed to meet the unique needs of your educator preparation program.



ON-DEMAND LEARNING

- Access anytime, anywhere: Engage with a collection of self-paced modules, videos, and resources.
- Personalized learning pathways: Select the topics and modules most relevant to your program's goals and faculty needs.



LIVE IN-PERSON AND VIRTUAL WORKSHOPS

- Participate in live online and in-person sessions led by experienced educators.



FLEXIBLE APPROACHES

- Customize workshop topics and focus areas to align with your program's specific needs and priorities.
- Combine on-demand learning with synchronous workshops to fit your program's needs and schedule.






COMPREHENSIVE SUPPORT

- We collaborate with you to identify your program's specific needs and goals.
- We tailor our professional learning experiences to address your unique challenges and priorities.
- We provide ongoing support and resources to assist as you explore ways to fuse effective literacy and STEM pedagogies.

BUILDING THE NEXT GENERATION OF K-12 EDUCATORS

With our K-12 teaching and leadership experience, we provide specialized professional learning for teacher preparation and transition to teaching programs. We help grow the practice of future educators and equip them with essential skills needed for tomorrow's classrooms.

OUR SERVICES

AI FOR EDUCATORS  INTEGRATED STEM
INTEGRATION OF CLASSROOM TECH  UDL
GOOGLE BOOTCAMPS/CS FIRST  ADOBE

OUR PARTNERS



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