



## May 15-17, 2024 at the University of Colorado Boulder

	Why Teach Art in Engineering?
	How can we ensure engineering students consider the human dimensions of manufacturing?
	Work in Progress: What is Design in the Context of a Mechanical Engineering Ph.D. Program?
	Build Your Own Bug: Addressing NGSS Needs with Bioinspired Robots
	Teaching Engineering Ethics in 2024: A Lightning Discussion on Definitions, Successes, and Failures Across Disciplines
	Increasing engineering student engagement through co-curricular, interdisciplinary, undergraduate research
	Hands-on Precalculus for Engineering: A Key Feature of a Two-Quarter Interdisciplinary Learning Community for Aspiring Engineering Majors
	A Joint Capstone Project Between Welders and Engineers to Foster Mutual Respect
	Building Locker Mini-Worlds: A CAD Course with a Semester-Long Project
	Capstone Design – A Student Signature Experience Program at Colorado School of Mines
	Work in Progress: Sustainability in First-Year Engineering Design: A Collaborative Approach

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Educational initiatives at the Quantum Ethics Project

Innovative Use of ChatGPT4 for Analyzing Learner Feedback

TeachEngineering: Ignite STEM Learning in K-12

Incentive to Grow - Apprenticeships to Employments Integrating ethics in technical Al curricula: A pilot study on college

students' perceptions and learning outcomes

Assessing Engineering Students' CompetenceEstioonII AJ