## Aligning Content, Assessment, and Pedagogy in the Design of Engineering Courses

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## Workshop Presenters

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4. Use reflection and discussion to deepen your learning.







"It could well be that faculty members of the twenty-first century college or university will find it necessary to set aside their roles as teachers and instead become **designers** of learning experiences, processes, and environments."

James Duderstadt, 1999 Nuclear Engineering Professor; Dean, Provost and President of the University of Michigan



































































## Check Appropriateness of LO's for the Course Design Mapping learning objectives to a Taxonomy\*... Example: Objective #4 & 5 Objective #1 2, & 3 Kinds of Locate & Synthesize Info Identify & Explain the Value of to develop and complete a Learning **Developing Self-directed Work Habits** written Business Plan Questions supporting the course learning objectives 1. Foundational What does a business plan What are the personal and behavioral attributes template look like and what Knowledge on an entrepreneur? do they consist of? How are such attributes and ethics developed? What are the types of How do those attributes display themselves in • entrepreneurial settings? data/information required to build a business plan? Can you learn to be entrepreneurial? Where can such data/information be found? What role does trade associations play in providing valuable business plan data/information? What role does local economic development corporations play in providing data/information? \*Fink's Taxonomy (2003)





