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The CDIO Initiative is an educational framework that stresses engineering fundamentals set in the context of conceiving, designing, implementing and operating real-world systems and products. Throughout the world, CDIO Initiative collaborators have adopted CDIO as the framework of their curricular planning and outcome-based assessment.

CDIO Initiative - Wikipedia

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CDIO | A Worldwide Innovative Educational Framework C-D-I-O Process: the Context for Engineering Education Conceiving-Designing-Implementing-Operating should be the context, but not the content, of engineering education - Closely aligned to engineering practice - Communicates the rationale and relevance of what students are learning

Designing a CDIO Programme: The CDIO Syllabus and Standards

Besides, the emphasis on promoting faculty members' engineering experiences and exposure to real engineering contexts in NEE documents is at one with numerous international agreements on engineering education including EUR-ACE framework, APEC engineer framework, and CDIO approach.