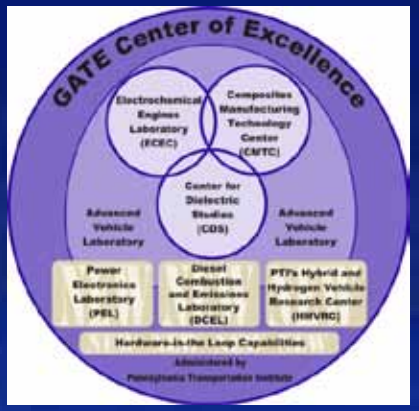
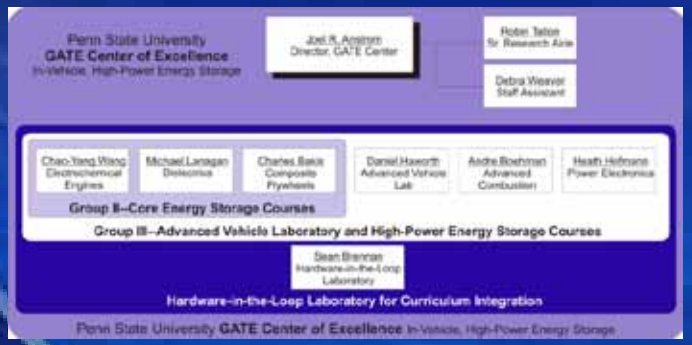
US DOE Sponsored Graduate Automotive Technology Education (GATE) Program at Penn State Emphasizing High-Power In-Vehicle Energy Storage



Mission: Provide graduate engineering curriculum focused on high-power in-vehicle energy storage for hybrid electric and fuel cell vehicles covering the fundamental science and models for ***batteries, capacitors, flywheels*** and their combinations. Integrate system topics into energy storage curriculum including vehicle topologies, advanced combustion, fuel cells, power electronics, controls, alternative fuels, and vehicle fuel efficiency to prepare students for careers in the automotive industry and academia. Develop relationships between GATE students, faculty, employers and industry/research partners. Gate Students completing three course curriculum receive a GATE Certificate from DOE.





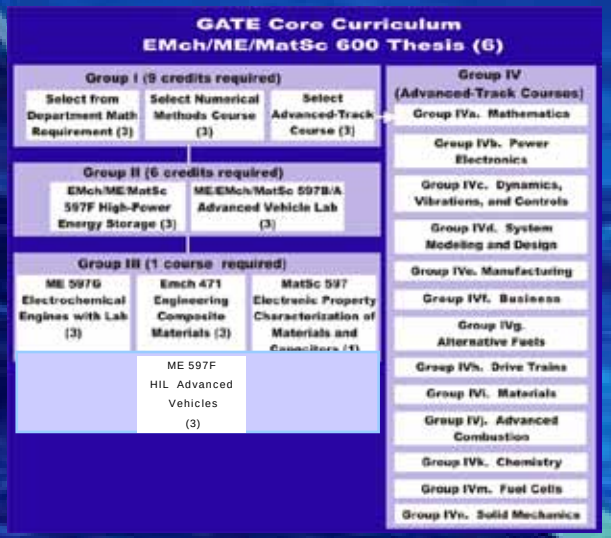










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