

This is the engineer we need: One with an Entrepreneurial Mindset that is coupled with Engineering Thought and Action, Expressed Through Collaboration and Communication, and founded on Character.

OPPORTUNITY	DESIGN	IMPACT					
Identify an opportunity	Determine design requirements	Communicate an engineering solution in economic terms	Entrepreneurial Mindset	CURIOSITY Demonstrate constant curiosity about our changing world	CONNECTIONS Integrate information many sources to gain	n insight to create ex	expected opportunities traordinary value
Investigate the market	Perform technical design	Communicate an engineering solution in terms of societal benefits		Explore a contrarian view of accepted solutions	Assess and Manage	risk Persist throfailure	ough and learn from
			COUPLED WITH				
Create a preliminary business model	Analyze solutions	Validate market interest	Engineering Thought and Action			Evaluate technical feasibility and economic drivers	Examine societal and individual needs
			EXPRESSED THROUGH				
Evaluate technical feasibility customer value societal benefits	Develop new technologies (optional)	Develop partnerships and build a team	Collaboration	Form and Work in teams		Understand the motivations and perspectives of others	
economic viability			AND				
Test concepts quickly via customer engagement	Create a model or prototype	Identify supply chains distribution methods	Communication	Convey engineering solutions in economic terms		Substantiate claims with data and facts	
			AND FOUNDED ON				
Assess policy and regulatory issues	Validate functions	Protect intellectual property	Character	*		Discern and Pursue ethical practices	Contribute to society as an active citizen

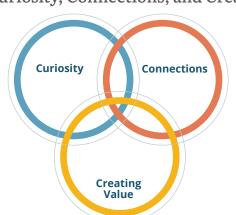
Engineering SkillsetAdding Opportunity and Impact to Design





Entrepreneurial Mindset (EM)

The 3C's: Curiosity, Connections, and Creating Value



Entrepreneurially Minded Learning

Educational Outcomes to Develop Skillset and Mindset in Students



