

GLOBAL ENGINEERING PROGRAM

PROGRAM-AT-A-GLANCE

WEEKLY THEME	MONDAY	TUESDAY	THURSDAY	FRIDAY	GOALS
MODULE 1: The Engineering Design Process (July 20-24)	Intro to Program Guest Speaker	Introduction to Engineering Design Process, Brainstorming + Analyzing your Product Workshop	HTML/CSS session: Building a site to introduce your product Workshop	Life Skills Seminar Closing Ceremony	By the end of the week, students should successfully be able to develop an idea, identify stakeholders and build a web page for their idea
MODULE 2: Developing a Virtual Prototype (July 27-31)	Intro to Program Guest Speaker	SketchUp Workshop	UX/UI Design Workshop	Life Skills Seminar Closing Ceremony	By the end of the week, students should have successfully created a visual product on 1)sketch-up and 2)UX/UI software
MODULE 3: Business Development and Product Feedback Loops (August 4-7) *No class Monday August 3rd due to the civic holiday	Tuesday* Intro to Program Guest Speaker	Wednesday* User Interactions to Consider when finalizing your product Workshop	How to develop a business strategy and market your product Workshop	Life Skills Seminar Closing Ceremony	By the end of the week, students should have successfully developed 1) an animated presentation on evaluating their product and a 2) a 2 page business pitch for their product
MODULE 4: Design Week (August 4-7)	Intro to Program Design Part I	Design Part II	Design Part III	Life Skills Seminar Closing Ceremony	Develop an idea, virtual prototype and business plan that addresses the challenge presented at the beginning of the week