



» **Course Overview**

It seems like many elementary to high school robotics courses are focused on simply coding a Lego robot to move its mechanical arm up and down. This course, in contrast, teaches students what a robot is and how it relates to other key technologies such as artificial intelligence and machine learning. Then the course examines 10 applications of robots and how they will change and impact various aspects of our lives and the economy. Will robots simply steal our jobs, or will they be a tool that will create new opportunities and even free humans to use our creativity and curiosity to their full potential? Students will grapple with this and many other questions as they explore this vital, future-focused subject.

» **Course Preview Video:** <https://www.pointfuleducation.com/startups-preview-video>

» **Course Outline by Module**

Module 1	Introduction to Entrepreneurship and Startups	Module 6	Building a Team
Module 2	MVP and Product Market Fit	Module 7	Marketing a Startup
Module 3	Business Models	Module 8	Writing a Pitch Deck
Module 4	Competition	Module 9	Raising Capital
Module 5	Disruptive Innovation	Module 10	Possibilities and Opportunities

» **Instructional Components**

Pointful Education Courses are structured in a consistent, research-based format utilizing multiple pedagogical concepts such as Understanding by Design, Growth Mindset, and Video and Project-based learning. Through the use of these pedagogical concepts, Pointful Education maintains a consistent and engaging course structure that supports student-centered learning.

**Course Structure**



Instruction  
**50%**



Projects  
**7%**



Reflections  
**20%**



Concept Checks  
**8%**



Exams  
**8%**



Written Assignments  
**7%**