



CORNELL ENGINEERING

Engineering Leadership at Cornell

A Presentation to the Engineering College Council

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What we're doing now

Why we're doing it

Where we're going



changing students to change the world



Why we're doing it

Where we're going

Knowledge

Communicate • Delegate • Run meetings
Manage projects • Manage conflict • Negotiate
Give and receive feedback • Inspire • Mentor
Lead change • Strategize • Innovate



Experience

“...Engineers must first know themselves: their values and beliefs, their ambitions, their strengths and their weaknesses;

and they must have the confidence and humility to interact productively with others.”

Doug Reeve, U Toronto

Insight

- Values
- Purpose
- Passion
- Strengths
- Weaknesses
- Ethics
- Situational forces on behavior
- What makes other people tick?



Courage

- Challenge the status quo
- Take risks
- Take a stand
- Embrace ambiguity
- Conquer fears
- Do it anyway



The Four Pillars

Knowledge

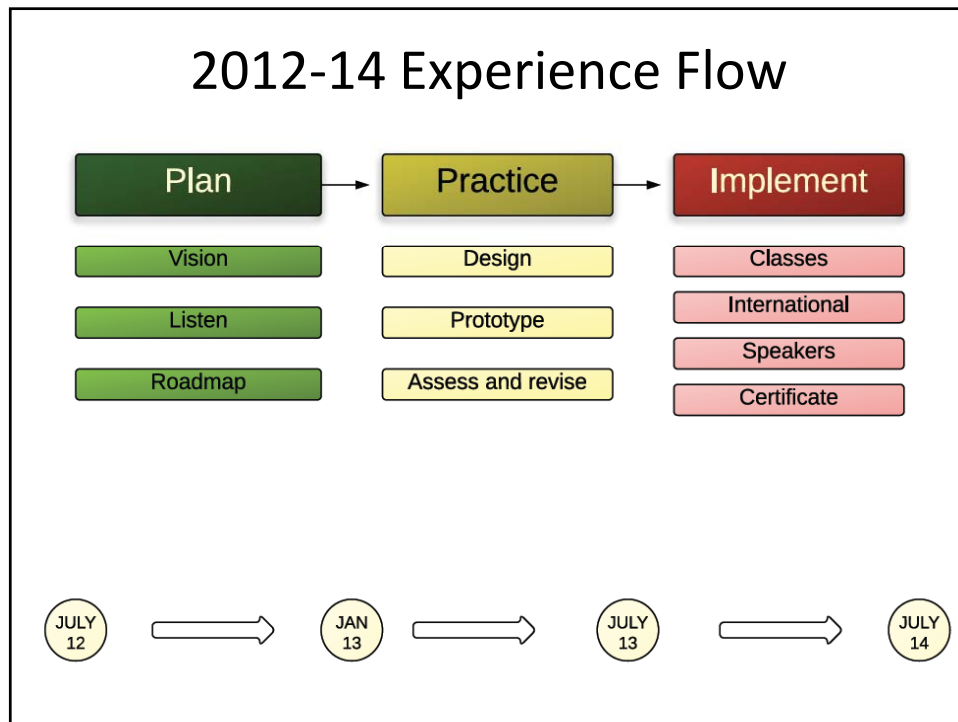
Experience

Insight

Courage



Engagement, Challenge, Growth



What we're doing now

Why we're doing it

Where we're going



Your Equipment



Rules



1. Do not eat the marshmallow
2. Create the tallest *freestanding* tower that holds the marshmallow on top
3. The entire marshmallow must be on top
4. Use as much or as little of the kit as you want (but scissors and bag are not part of it)
5. You can break up the spaghetti, the string, or the tape
6. You have exactly 18 minutes to do this

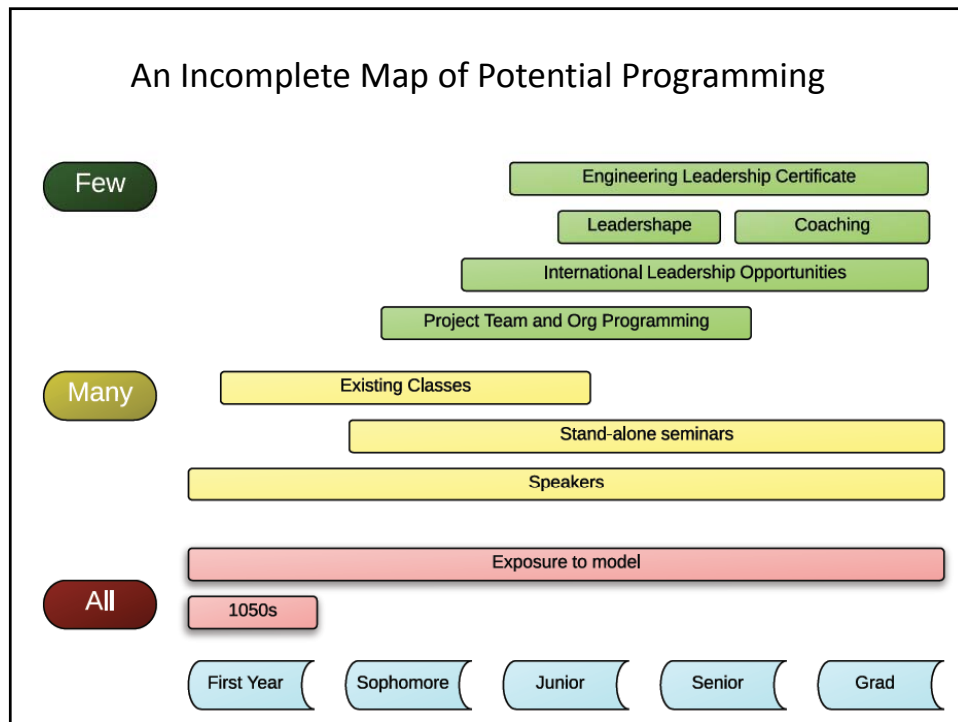
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Student Advisory Group





Empirical foundations
 Build coalitions
 Leverage existing resources
 Create and leverage peer networks
 Strategic partnering

Content
Partnership
Engagement
Assessment
Sustainability

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