Creativity & the Doer / Maker Mindset (ENT 250)

Sean R. McMahon
Doherty Associate Professor of Entrepreneurship

Martha and Spencer Love School of Business
Elon University
The beginning.
The beginning.

BNY Jaywalk
- $32M revenues
- 150 partners
- Legal authorship
- Data analytics
- Business strategy
- SEC, NASD

PhD, Marriage, Family…
First, we were told…

Be the entrepreneur

Visionary
Renegade
Leader
Genius
Then, it was...

Have the startup

Business Model
Networks
Freemium
Cap Table
Next, it was…

Have the mindset

Positivity
Comfort Zone
Fail Fast
Pivot
But, if you’re 18 or 19, and not sure what you have, or who you will be, how about…

Do. Make.
Creativity & the Doer/Maker Mindset (ENT 250)

Your life is the innovation.
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ENT 250 asks students to enhance how they approach, examine, and engage *everything*; it is the ultimate introduction to entrepreneurship course.
Creativity & the Doer/Maker Mindset (ENT 250)

Since the launch of ENT 250:
  • Elon student body up 14%
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  - 5.83 vs. 5.26 dept. (course items)
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  - 5.83 vs. 5.26 dept. (course items)
  - 5.60 vs. 5.34 dept. (effort item)
"Quick, fast, and exciting. I was pumped up for this class every Monday morning. Yeah…a college sophomore excited about class!"
Creativity & the Doer/Maker Mindset (ENT 250)

“Everything we did in this class required critical, analytical, & creative thinking which was great!”
Creativity & the Doer/Maker Mindset (ENT 250)

“Making us put in the effort even when no one wanted to. Awesome!”

“I came to class slightly terrified each day but I appreciate that you pushed us out of our comfort zones.”
Creativity & the Doer/Maker Mindset (ENT 250)

“Literally changed the way I think about education, business, and creativity. Changed my life and instilled an entrepreneurial hunger in me.”

“Everything. The course title speaks for itself...learning through creativity”.

ELON UNIVERSITY
But, if you’re 18 or 19, and not sure what you have, or who you will be, how about…

Do.

Make.
Which direction am I facing?

A. North
B. East
C. South
D. West
Which direction am I facing?

A. North
B. East
C. South
D. West

If you can’t be a compass, if you can’t have your phone, what do you do?

How do you make a decision?
Course Architecture

0. Curriculum Placement

• Prerequisites
• Majors vs. Minors
• Course Numbering
Course Architecture

0. Curriculum Placement

- Prerequisites
  
  *Before:* a la carte redundancy frustration
  
  *Now:* ENT core sequence

ENT Core Sequence

ENT 250: Creativity & the Doer/Maker Mindset

ENT 340: Entrepreneurial Finance

ENT 460: Bringing the Venture to Life
Course Architecture

0. Curriculum Placement
   • Prerequisites
   • Majors vs. Minors
   • Course Numbering
Course Architecture

0. Curriculum Placement

- Majors vs. Minors

  *Before:* 2 paths
  homogeneity
  staffing issues

  *Now:* Cross-pollination

**ENT Core Sequence**

ENT 250: Creativity & the Doer/Maker Mindset

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ENT 460: Bringing the Venture to Life
Course Architecture

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• Prerequisites
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Course Architecture

0. Curriculum Placement

• Course Numbering

  *Before:* Started as juniors
  Less evolving
  Less of a ‘cohort’

  *Now:* ENT lens for college

ENT Core Sequence

ENT 250: Creativity & the Doer/Maker Mindset

ENT 340: Entrepreneurial Finance

ENT 460: Bringing the Venture to Life
Course Architecture

1. Eleven Quizzes

- Almost one per week
- 10 questions on 20 pages from textbook
- 2 questions on 3 innovation-related articles
- 1 break-even or ROI calculation
- 1 Fermi estimation
Course Architecture

1. Eleven Quizzes…WHY?

- “The repetition and constant practice has helped me retain the material and concepts we learn not just for quizzes but for good and for future practices.”

- “I liked having a quiz each week because it forced me to read.”
and then play…

1. Fermi Estimation
2. System Dynamics

- “In class activities like play, really helped develop thinking skills.”
- “It effectively taught me to think outside the box.”
Course Architecture

2. Nine Ted Talks
   - Higher Order Thinking
   - Precise memos
   - Engaging big ideas
   - Go, No-Go grading
Course Architecture

2. Nine Ted Talks...WHY?

- “Pushing students to think for themselves.”
- “Ted Talks were great – and hearing from others was informative and engaging.”
- “Even though we have a schedule for the class and I know what’s coming, every single class was different.”
and then play…

1. Fermi Estimation
2. System Dynamics
3. Pop-top Zoom
Course Architecture

3. Three Maker Hub Artifacts
   • Solder an LED flip light
   • Design vinyl-cut sticker
   • 3D-printed artifact
   • Sew something
Course Architecture

3. Three Maker Hub Artifacts…WHY?

• “Before the assignment, I was intimidated and felt like I didn’t know enough to use the space. But, I soon learned that it is okay to not know, it is okay to ask questions, and it is okay to experiment when you are in the Maker Hub.”

• “The ability to see yourself create something you are proud of from scratch was very fulfilling.”
and then play…

1. Fermi Estimation
2. System Dynamics
3. Pop-top Zoom
4. Creative Fluency…
Course Architecture

4. 3 → 2 → 1 Ideas
   • Conceptualizing problems/needs
   • Comparing classmates ideas
   • Comparing business models
   • Customer discovery
   • Research
   • Design Thinking
Course Architecture

4. 3 → 2 → 1 Ideas …WHY?

• “I really enjoyed how I was able to step out of my thinking process to come up with ideas throughout this class. It allowed me to think differently in many ways.”

• “After taking this class, the first thing that comes to my mind when I encounter a problem is various ways this problem could be remedied.”
and then play…

- **Laura Orr** integrated her passion for horses as a banker serving equine veterinary practices.
- **Jesse Calo** is in law school at the University of Minnesota (#20 in U.S. News).
- **Austin Krauss** loves analytics and philosophy; now a public sector consultant at IBM in D.C.
- **Jay Faires** earned high honors, but will make his way in music production and recording.
- **Courtney Chambers** using her startup success to establish and fund foster parents and programs.
Questions?

Do.
Make.