Bridging the Employment Demand-Supply Gap in the 21st Century

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The Modern University
How should universities prepare graduates?

**Top 10 most wanted skills employers are looking for from university graduates in 2020**

1. Complex problem solving
2. Critical thinking
3. Creativity
4. People management
5. Coordinating with others
6. Emotional intelligence
7. Judgment and decision-making
8. Service orientation
9. Negotiation
10. Cognitive flexibility

Future of Jobs Report, World Economic Forum
How should we design a university education to meet labor market needs?

Beyond content:

*design a learning environment that represents and reflects the environments in which we need students to thrive*
How to develop students who can thrive:

Problem, Question → “The Mess” → Solution
How to develop students who can thrive:

Good problem-solving, teamwork skills — 6 competencies

- Innovative and Creative Thinking
- Collaboration
- Formulation
- Critical Thinking
- Effective Communication
- Inquiry
How should we design a university education for this future?

Content:

*Liberal arts, sciences, engineering base;*
*increasing autonomy of students to design*

Skills:

*Competencies: innovative and creative thinking, collaboration, inquiry, critical thinking, effective communication, formulation*

Mindset: *Adaptive*

*passive consumers*
*co-designers*
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Liberal arts, sciences, engineering
core curriculum
Thinking deeply about big questions and problems

Active learning
Project-based learning, inquiry-based learning, discovery-based learning, “flipped” classrooms, fieldwork, makerspace, experiential learning, design thinking

Transdisciplinary
Beyond traditional departments

Re-framing majors
Problem-focus, student design

Competencies
Developing key skills

Co-design
Involving students as users in the design process
Graduates: have a portfolio of projects and skills, with a co-designer mindset
**How should universities prepare graduates?**

Top 10 most wanted skills Vietnamese employers are looking for from university graduates

1. Complex problem solving
2. Critical thinking
3. Creativity
4. People management
5. Coordinating with others
6. Emotional intelligence
7. Judgment and decision-making
8. Service orientation
9. Negotiation
10. Cognitive flexibility
Re-Imagining the university for the future of the workplace, and the world