

Forging a New Path to Developing Technology Agility in Students

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Presentation Approach

- ▶ Structured versus Unstructured Learning Environments
- ▶ Best Practices in Progress
 - ▶ Need for technology agility
 - ▶ Aligning need with experiences
- ▶ Measuring Success through Multiple Perspectives
 - ▶ Student
 - ▶ Alumni
 - ▶ Business Partner
- ▶ Open Discussion



Structured versus Unstructured



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Structured Learning

- ▶ OLMBA program, use of technology: Excel, Solver, Data Analysis Toolpak, ForecastX, SAP, and Tableau
- ▶ Transparent assignments and technology
- ▶ Faculty Role
- ▶ Expectations

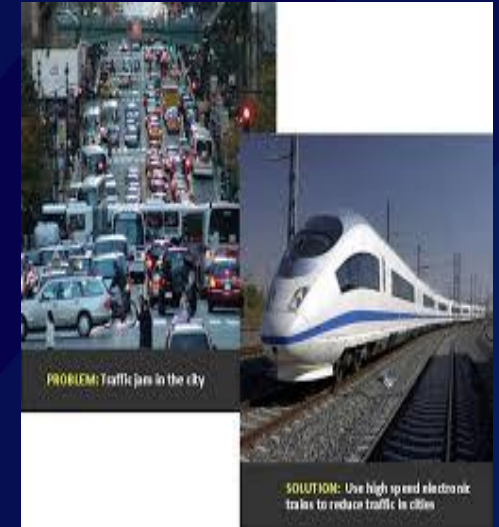


Unstructured Learning

- ▶ Entrepreneurship Class and Student Organizations
- ▶ In-class problems and activities
- ▶ Faculty role
- ▶ Expectations
- ▶ Students Organization's Role



Using Technology to Support Decision-Making and Innovation in Companies



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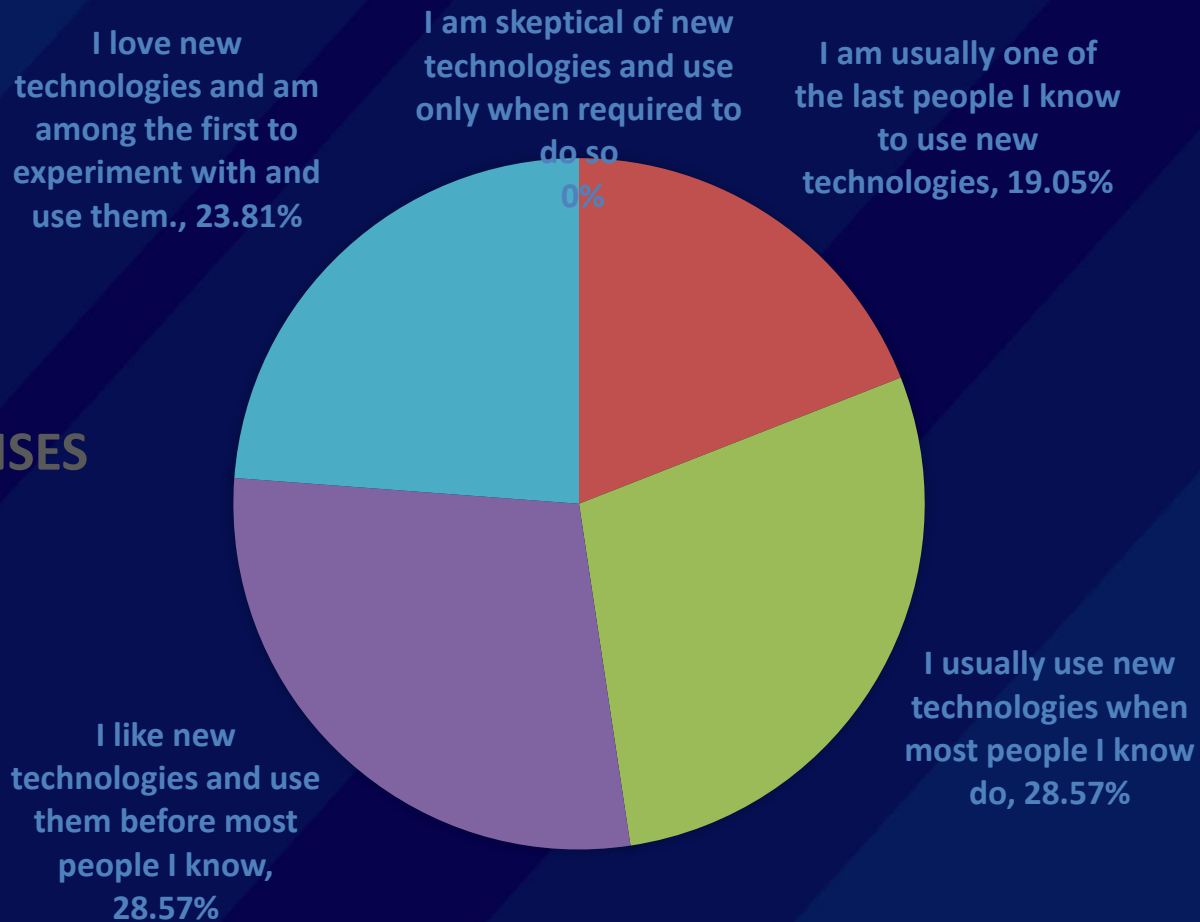
Student Perspective: Graduate (MBA)

- ▶ Fully Online MBA program
- ▶ Learning Management System: Blackboard
- ▶ Other technologies used: Microsoft Excel, Data Analysis ToolPak, Solver, ForecastX, SAP and Tableau
- ▶ 22 responses or 20% of MBA population



When it comes to new technology, what best describes you?

RESPONSES



Survey Results

	Agree	Neither Agree Nor Disagree	Disagree
I can easily access and use the technology required in my classwork.	85.72%	4.76%	9.52%
I feel confident in my ability to integrate multiple technologies into my classwork.	80.95%	4.76%	14.28%
The amount of time needed to learn a new technology deters me from learning the course material and engaging in the class.	33.33%	19.05%	47.62%



Survey Results

	Agree	Neither Agree Nor Disagree	Disagree
I believe that learning and being able to integrate multiple technologies into my work is important for my success in class and in my future career.	85.71%	9.52%	4.76%
I believe technology is a good tool for collaboration with other students when doing team/group projects.	84.47%	4.76%	4.76%
I frequently use multiple technologies to complete group assignments.	80.95%	9.52%	9.52%



Student Perspective: Undergraduate

- ▶ Motivation
- ▶ Challenges
- ▶ Confidence level
- ▶ Application and Experiences



Alumni Perspective: Thomas Lee

- ▶ Motivation
- ▶ Challenges
- ▶ Confidence level



Industry Partner

- ▶ Software Programs Awareness, and Efficient Use
- ▶ Evaluations
- ▶ Importance of Being Technologically Agile
- ▶ Company Impact



Open Discussion

- ▶ How do you view technology agility in Higher Education?
- ▶ What is your university doing to embrace this new mastery category?
- ▶ In what ways are you assessing agility levels?

