



# Agile Inspired Design as a Quality Driver in Online Curriculum Development

WCET Annual Meeting – October 2016



CAPELLA UNIVERSITY

# Presenter Introductions



**F. Patrick Robinson, PhD**  
Dean, School of Nursing and  
Health Sciences

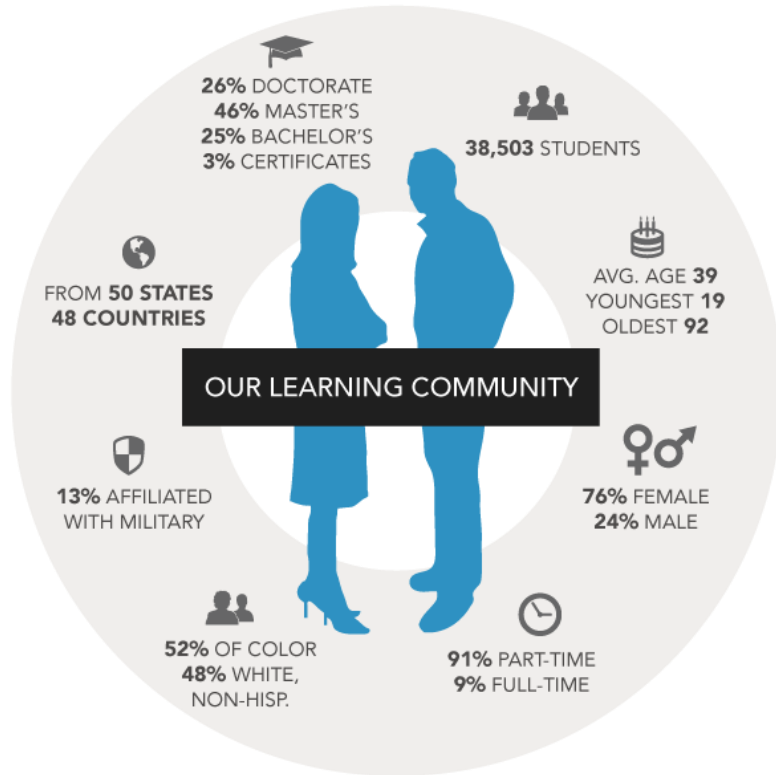


**Julie Diekman, MBA**  
Director, Markets and  
Products



**Kris Luopa, PhD**  
Manager of Curriculum  
Development

# Who we are

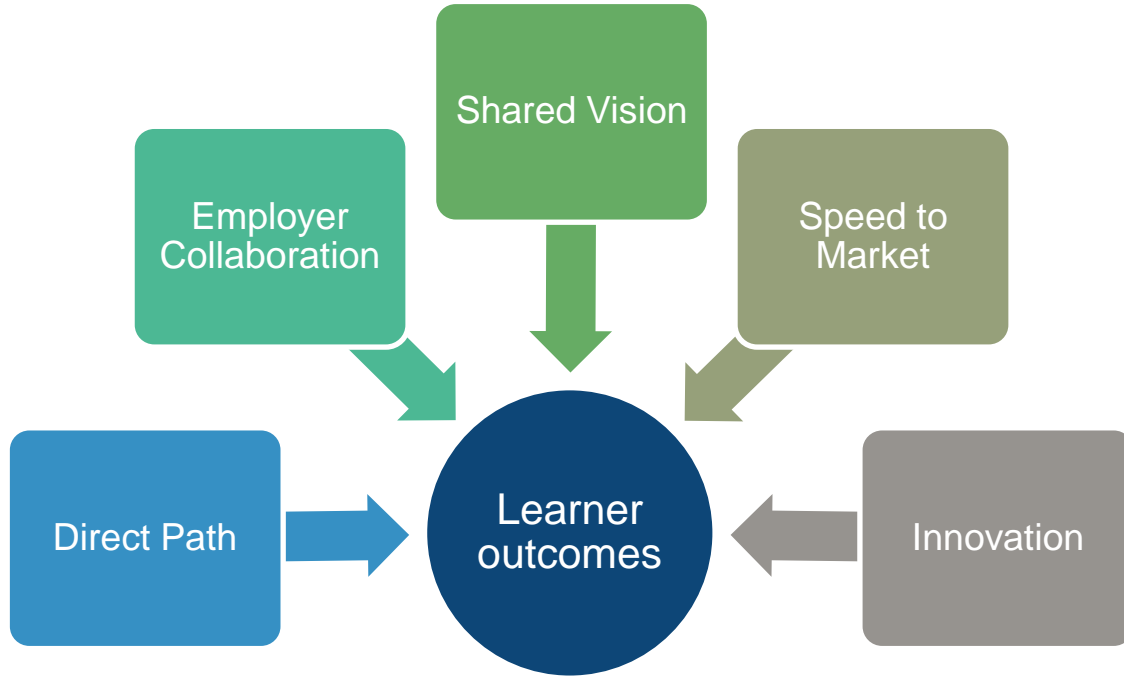


- Accredited, online university for working adults
- 38,500 students from all 50 states & 48 countries
- 55,000 alumni
- Over 165 bachelor's, master's, & doctoral specializations & 50 certificate programs
- 7 degree programs (+1 certificate) delivered via FlexPath, Capella's direct assessment degree
- Headquarters: Minneapolis, MN
- Founded: 1993



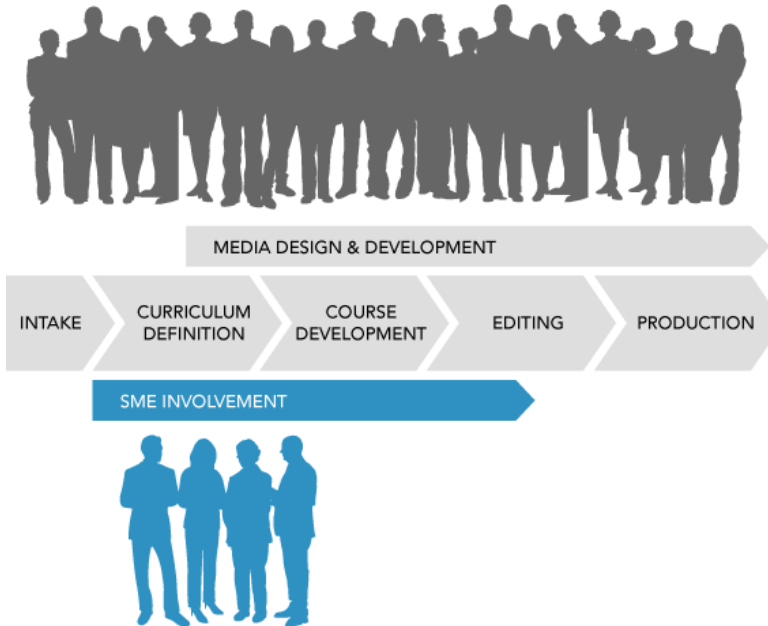
- Adult Learning Science
- Competency-Based Education
- Authentic Assessment
- Learning Outcome Measurement
- Employer Partner Collaboration
- Learner Support & Experience
- Pioneer in Direct Assessment

# Drivers for change



# Traditional curriculum design model

- Defined roles for faculty and staff
- Linear process with multiple hand-offs
- Established support processes and tools
- Rigorous gating and approval steps



## Manifesto for Agile Software Development

We are uncovering better ways of developing software by doing it and helping others do it. Through this work we have come to value:

Individuals and interactions	<u>over</u>	processes and tools
Working software	<u>over</u>	comprehensive documentation
Customer collaboration	<u>over</u>	contract negotiation
Responding to change	<u>over</u>	following a plan

That is, while there is value in the items on the right, we value the items on the left more.

<http://agilemanifesto.org>

# Traditional approach



2



3



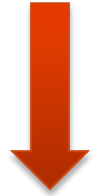
4



5



You don't really have anything until the end





# Agile approach



Continue to build on previous efforts

2



3



4



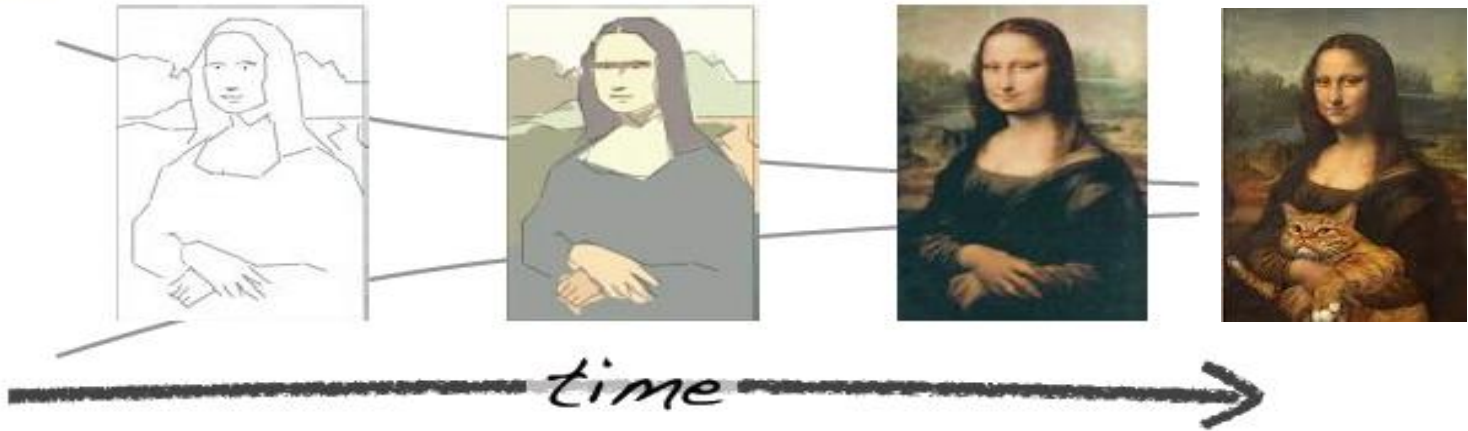
5



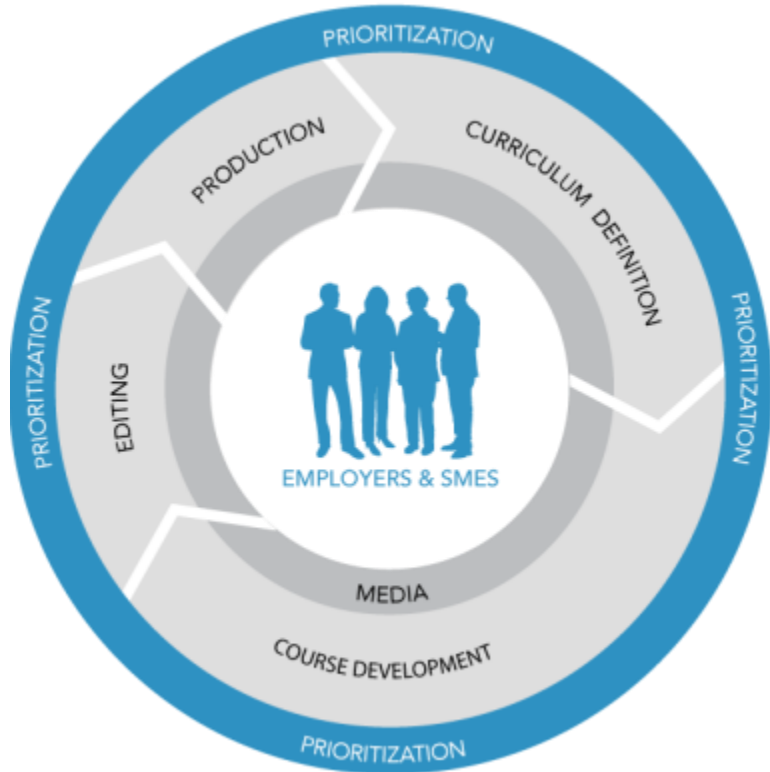


“Art is never finished,  
only abandoned.”

-Leonardo DaVinci

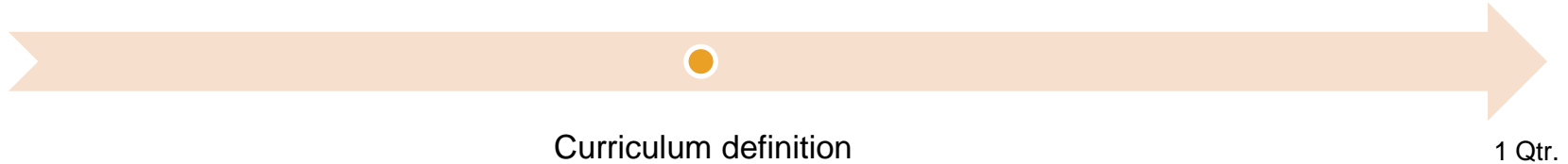


# Agile-inspired curriculum design model

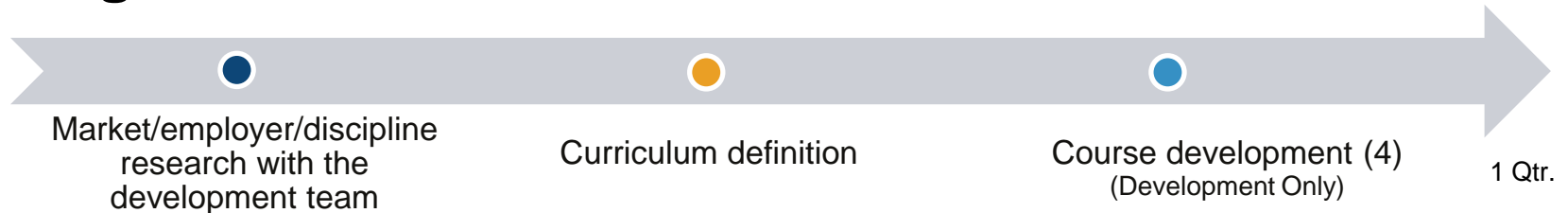


- Less defined roles for staff
- Use of the interview SME model
- Engagement of employers – input & feedback
- Implementation of phases and organization of the work

## Traditional Timeline



## Agile Timeline



Thank you

