

# NACEP Discovery Series The University of Texas at Austin OnRamps May 24, 2018



# OnRamps Innovative Design Features Ensuring quality control

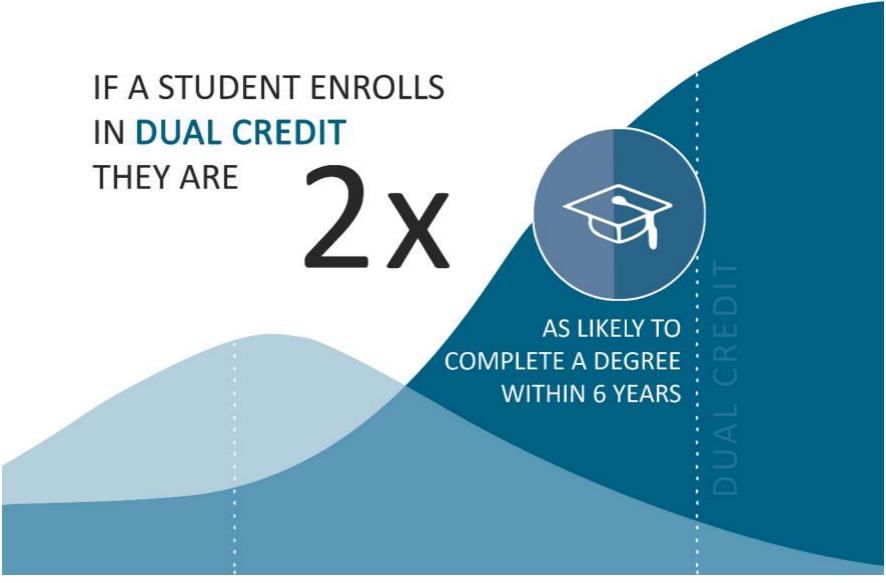
- I. The Problem We are Trying to Solve
- **II.** Hybrid Course Delivery Model
- **III. Four Pillars of OnRamps**
- IV. Three Change Strategies
- V. Shared Vision for Upward Mobility

## **Problem:**



College completion for every 100 Texas 9th graders...

15.9





## Hybrid Course Delivery Model

HIGH SCHOOL COURSE

**UT Faculty-developed standardized, rigorous curriculum** 

Instructor of Record	High School Teacher 80 Hours of PLD Training		
Location	High School Classroom Face-to-Face		
Assessment Model	High School Assignments Graded by HS Teacher Feedback from High School Teacher		
Grade	High School Transcript 93		

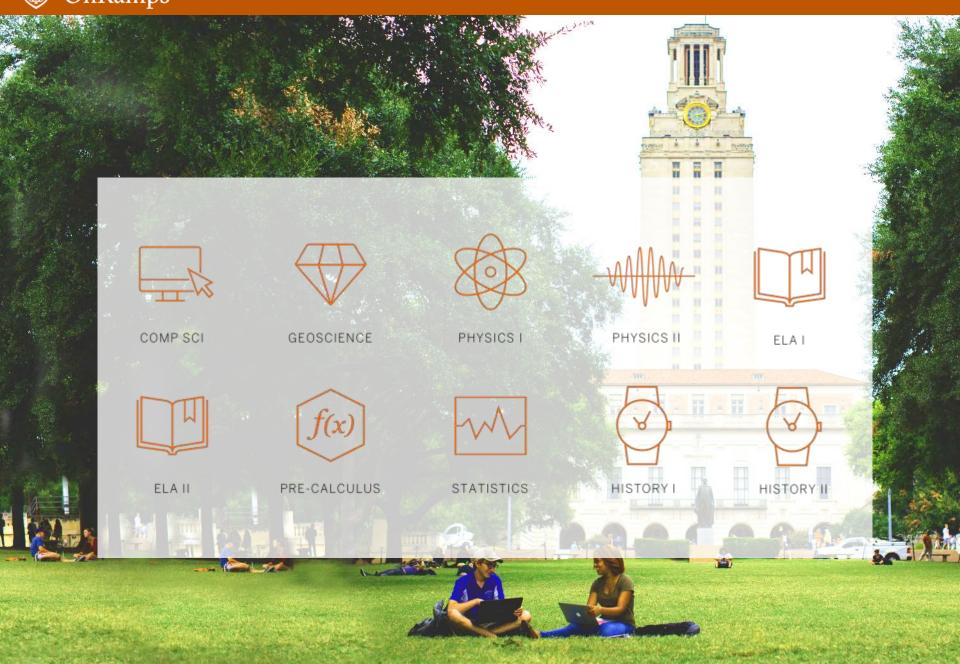
## Hybrid Course Delivery Model

HIGH SCHOOL COURSE

COLLEGE DISTANCE
COURSE

**UT Faculty-developed standardized, rigorous curriculum** 

Instructor of Record	High School Teacher 80 Hours of PD Training	A	UT Faculty pproved by UT Departments And Colleges
Location	High School Classroom Face-to-Face	RATE	College Classroom  Distance Education
Assessment Model	High School Assignments Graded by HS Teacher Feedback from High School Teacher		lege Assignments Graded by UT Course Staff Feedback from UT Course Staff
Grade	High School Transcript 93		UT Transcript B



## **II. Four Pillars of OnRamps**



- College content
   Developed & delivered by UT Austin faculty
- Innovative pedagogy & learning
   Evidence-based, transformational vs.
   transactional
- Technology-enhanced education
   University technology stack infuses computational thinking
- Teacher & student excellence
   Diffusion of innovation in communities

## III. Three Change Strategies Reinforce Each Pillar



#### Individual

Attitudes and beliefs

#### Structural

Alignment of academic expectations

#### Behavioral

Evidence-based learning strategies

## IV. A Shared Vision for Upward Mobility



## V. Impact & Pilot Outcomes

What have we learned so far using the OnRamps model?

#### Scale

Numbers and diversity of students, schools, communities served

#### Diffusion of Quality & Innovation in Schools

Quality, rigor, and pedagogical innovation diffused in school ecosystems

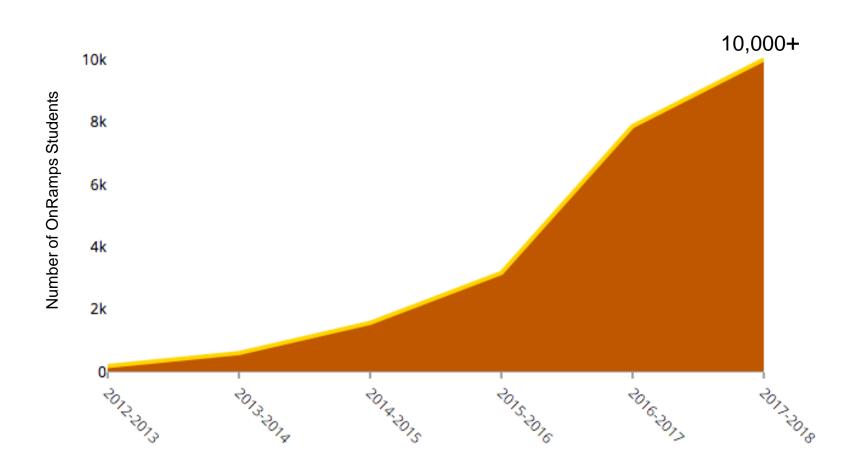
#### Pipeline

Numbers and diversity of students prepared for college experiences

#### Insight

New insights through educational research

## The Model is Scalable



2012

1 UT Course

10 UT Courses 2017

4

School Districts/Charters

**73** 

School Districts/Charters

5

High School Campuses

140

High School Campuses

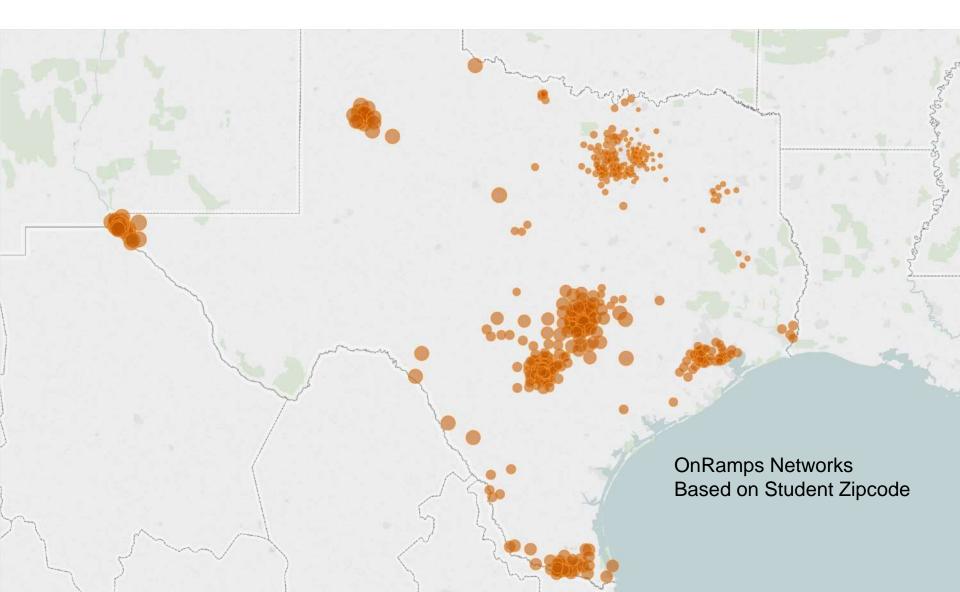
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**Teacher Partners** 

338

**Teacher Partners** 

## The Model Diffuses Quality & Innovation in Schools



## The Model Diffuses Quality & Innovation in Schools

UT Faculty and Academic Course Staff Led Engagement

- interactions including weekly communication, site visits, monthly virtual conferences, just-in-time support
- senior instructors serve as peer supports
- hours of face-to-face training for a new high school teacher
- hours of face-to-face for returning high school teacher
- 200 teachers using virtual coaching



"OnRamps will change the way you teach and will change your perspective on what it is your students need to know. It is the best professional development I have ever attended."

OnRamps motivates me to test creative teaching and content delivery ideas in Physics.

Imagine having 50 high school teachers shadowing your course and looking at every lecture.

Normally, at a university there is no chance for interaction and input on teaching at this level from faculty colleagues.

This is changing the way I teach on the residential campus.

Professor Michael Marder UT Austin Physics 315K



## The Model May Increase Pipelines to College

**Texas High School Graduate National College Enrollment Trends** 

immediately after high school graduation

**70%** 

OnRamps 2015

High School Graduates
Enrolled in College

50%

State of Texas 2015

High School Graduates
Enrolled in College

## The Model May Increase Pipelines to College

**Texas High School Graduate National College Enrollment Trends** 

immediately after high school graduation

53.5%

OnRamps 2015

High School Graduates

Enrolled in

a 4-Year Institution

20%

2015 State of Texas

High School Graduates

Enrolled in

a 4-Year Institution

# OnRamps Innovative Design Features Ensuring quality control

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## Learn more about OnRamps

Request information >

onramps.utexas.edu



