Increasing the number and diversity of academically prepared students through expertly-designed dual enrollment courses.
OnRamps courses address 3 college readiness problems:

- **College Access vs. Success**
  - Students are prepared to be admitted to college but not to meet college-level expectations or excel in college coursework

- **Misalignment**
  - Between what students know and can do in high school vs. what they need to know and be able to do to excel in college

- **Cross-disciplinary preparation**
  - Students lack the cross-disciplinary skills that correlate with college-level success
3 courses

Developed by faculty at UT Austin in collaboration with multiple partners to explicitly align content with university expectations and integrate cross-disciplinary skills, piloted in Fall of 2013.

Computer Science

English Language Arts

Math
Key features

- Dual Credit or Dual Enrollment
- Personalized Learning
- Hybrid, blended featuring state of the art educational technologies
- Authoring tools
- Summer 2013 professional development institute
Close Reading

1.1 Introduction

The Importance of Close Reading
Literature conveys the depth of human experience, reflecting diverse cultures and common heritage, human aspirations, imagination, emotion, and reason.

1.2 Examples

Excerpt from *Their Eyes Were Watching God* (1937)

Background: Zora Neale Hurston (1891–1960) was an American author, anthropologist, and folklorist. She was an important figure in the Harlem Renaissance of the 1920s when many African-American artists explored their own cultural histories and narrative traditions. She is credited with influencing later African-American writers like Ralph Ellison, Toni Morrison, and Alice Walker.
Locate Minima and Maxima Values

1.1 Introduction

Introduction to Minima and Maxima

Maxima and minima are special points that represent extreme values of a function.
OnRamps employs a 6-part, strategic partnership model to leverage expertise and scale nationwide.
State Leadership

Texas State Legislature, Texas Higher Education Coordinating Board, Texas Education Agency, TASA, TASB, Educate Texas, Regional Service Centers
Texas Higher Education Leaders Consortium

Leaders from 12 institutions of higher education from across the state
Critical friends

Engaging leading national experts in content, college readiness, cognitive sciences, assessment, instructional design, and teacher professional development
In-house experts

Faculty content experts, instructional designers, instructional technologists, assessment specialists, program managers, policy experts
CRAFT, College Readiness Assignment Field Test

51 expertly designed college readiness assignments piloted with over 2,900 Texas students in 18 sites
Leading technology partners

Enspire Learning, Learning Dashboard, Instructure, Learning Catalytics
Partnership Model

Module 2: Examining Relationships

Learning Objectives

Classify a data analysis situation (involving two variables) according to the "role-type classification," and state the appropriate display and/or numerical measures that should be used in order to summarize the data.

Estimated Learning by Student

Compare and contrast distributions (of quantitative data) from two or more groups, and produce a brief summary, interpreting your findings in context.

Class Accuracy by Sub-Objective

Produce a two-way table, and interpret the information stored in it about the association between two categorical variables by comparing conditional percentages.

Graphically display the relationship between two quantitative variables and describe: a) the overall pattern, and b) striking deviations from the pattern.

Interpret the value of the correlation coefficient, and be aware of its limitations as a measure.
What part of this graph of $f(x)$ would you look at to figure out the value of

$$\lim_{x \to a} f(x)$$

Round 1

- 93 responses, 72% correct
- 11 get it now
- 1 still doesn't get it
ONRAMPS
TEXAS COLLEGE READINESS

Partnership Model

State Leadership

Critical Friends

Technology Partners

Texas Higher Education Leaders Consortium

In-house Experts

CRAFT: College Readiness Assignment Field Test
• Expanding OnRamps’ partnership model
• OnRamps Statewide Dissemination
  – Courses
  – Professional development institutes
• Funding for additional courses
• Other readiness initiatives
  – Early Readiness High School Graduation Option
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