

University Distance Courses Cost More Overall to Develop but the Same to Deliver as On-Campus Courses

A presentation to the Joint Legislative
Program Evaluation Oversight Committee

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Evaluation Team

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Overview

- Distance education courses cost more overall to develop than on-campus courses but the same to deliver
- Technology has changed instructional delivery in on-campus and distance courses
- Distance delivery methods increase access to higher education
- UNC General Administration can foster collaboration across all campuses



Evaluation Methodology

- Administrative query completed by the 15 UNC campuses that provide distance education
- Site visits to 9 campuses
- Data on 2007-08 courses for the UNC system
- Cost data collected from campuses for a sample of courses

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What is Distance Education?

- Evolved with the advancement of technology
- Increases access to higher education
- Provides flexibility for students
- Technology has enhanced all forms of instruction

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Technology Utilized In Instruction

NC STATE UNIVERSITY

ACC 311 Intermediate Financial Accounting II

nc state / distance education

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ACC 311 - Chapter 17 Part 3 of 3

Dr. Donald P. Pagach

Intermediate Financial Accounting II: A continuation of topics introduced in Intermediate Financial Accounting I (ACC 310).

Length: 00:32:04

Example Cont.

- XYZ has Assets of \$400,000 and Liabilities of \$300,000
- XYZ has a market value of \$520,000
- ABC purchases 40% of XYZ for \$208,000 (\$520,000 * 40%) and accounts for the investment using the equity method

Handwritten notes and calculations:

40% of XYZ's SE = 40,000

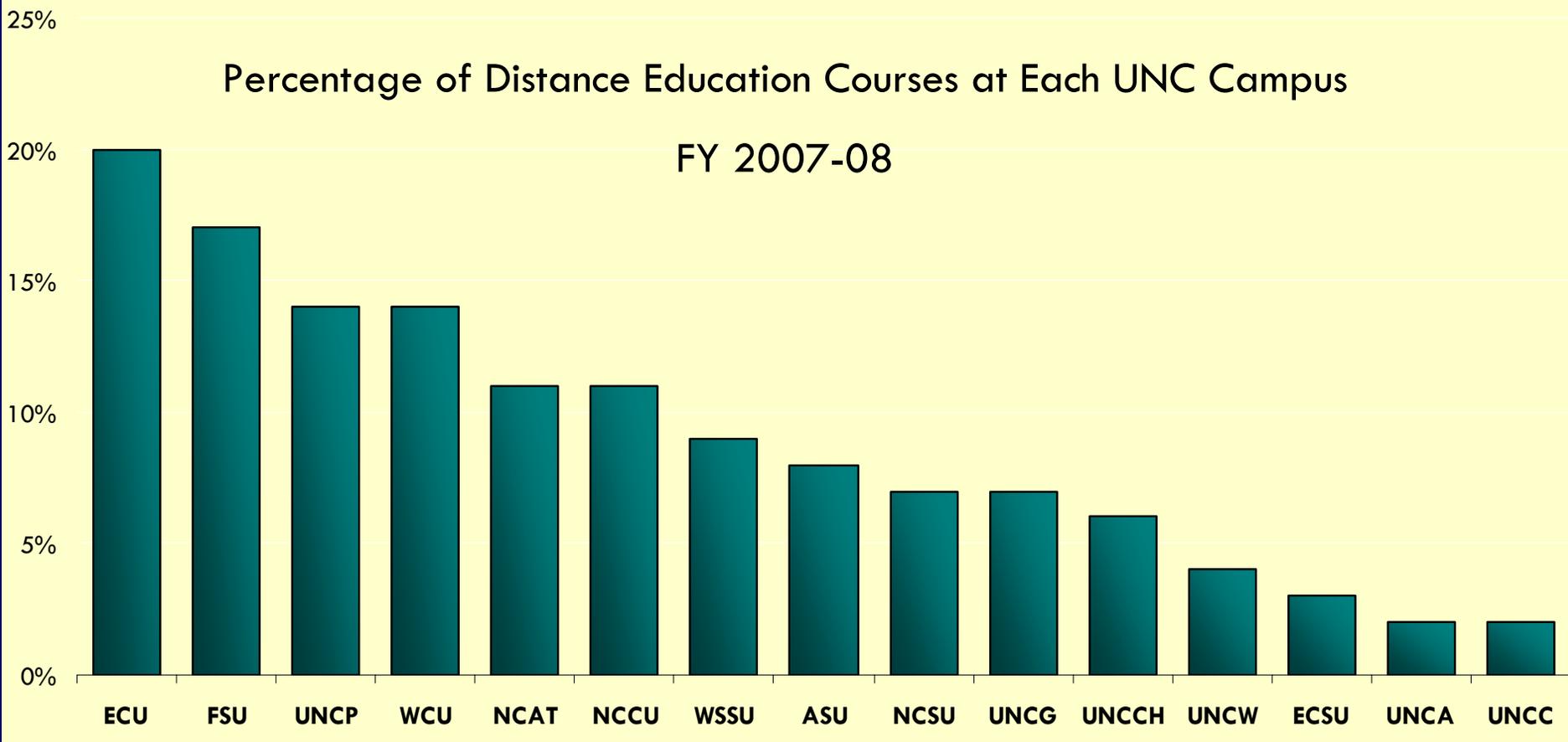
40%	Inv in XYZ	SE of XYZ
	208,000	100,000



Distance Education in UNC System

Percentage of Distance Education Courses at Each UNC Campus

FY 2007-08



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Methods of Delivery for Distance Education Courses

- Face-to-face delivery off-campus
- Asynchronous web-based
- Synchronous web-based

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ASU Off-Campus Courses



UNCP Video Conferencing Classroom



Course Management Software Facilitates Material Delivery

Course: ANS 105 (601) Fall, 2009 Introduction To Companion Animals

http://moodle.wolfware.ncsu.edu/course/view.php?id=1865

Course: ANS 105 (601) Fall, 2009 I

NC STATE UNIVERSITY | CAMPUS DIRECTORY | LIBRARIES | MYPACK PORTAL | CAMPUS MAP | SEARCH NCSU.EDU

You are logged in as Amanda Robertson (Logout)

AGRICULTURE & LIFE SCIENCES

ANS 105 (601) Fall, 2009 Introduction To Companion Animals

moodle.wolfware - ANS 105 (601) Fall, 2009

Switch role to: [] Turn editing on

Topic Outline

Welcome to ANS 105 - Introduction to Companion Animals

Please watch the welcome video and thoroughly read through the course syllabus for specifics regarding ANS 105. I cannot say too many times how important it is for you to know the due dates and policies for this course.

Many students like to start the course learning a little more about their instructor and information about the course. So, click on the Introduction to Instructors and Course Content and read on!

If you are new to Moodle, then be sure and go through the Moodle Orientation which is in the box on your right (this is especially true before taking your first participation point assignment or quiz).

- ▣ Welcome Video
- ▣ Syllabus Dates of Importance for ANS 105
- ▣ Syllabus Important ANS 105 Course Policy Information
- ▣ Announcements forum
- ▣ Welcome Letter
- ▣ Discussion Forum

Latest news

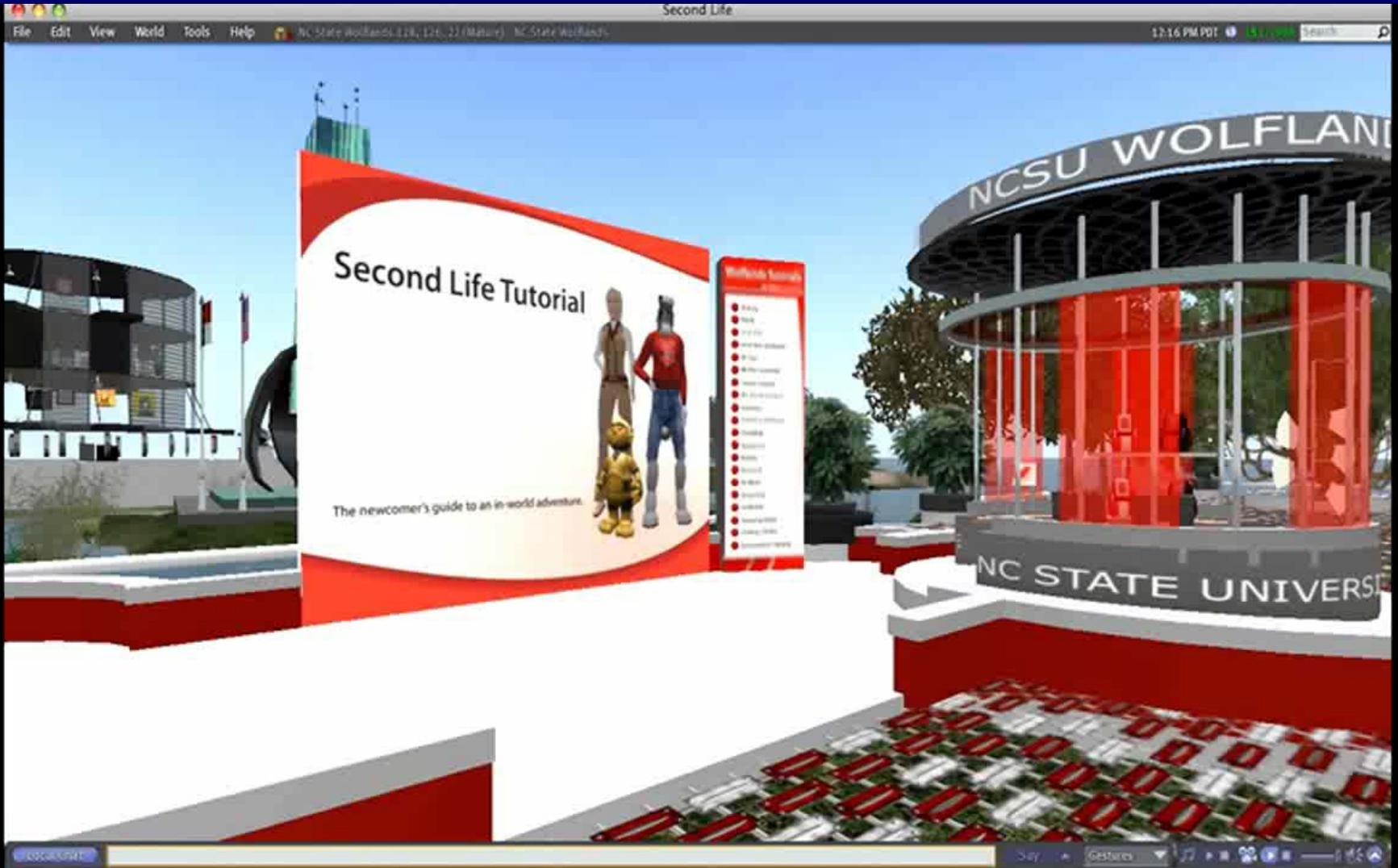
- Add a new topic...
- 12:38 PM, Dec 13
Kimberly Ange
Grades more...
- 02:41 PM, Dec 11
Kimberly Ange
Grading of Final more...
- 12:59 PM, Dec 4
Kimberly Ange
ANS 105 Grades & More more...
- 08:38 PM, Nov 23
Kimberly Ange
Exam 3 more...
- 06:34 PM, Nov 16
Kimberly Ange
Questions more...
- Older topics...

Activities

Done



Virtual World for Course Delivery



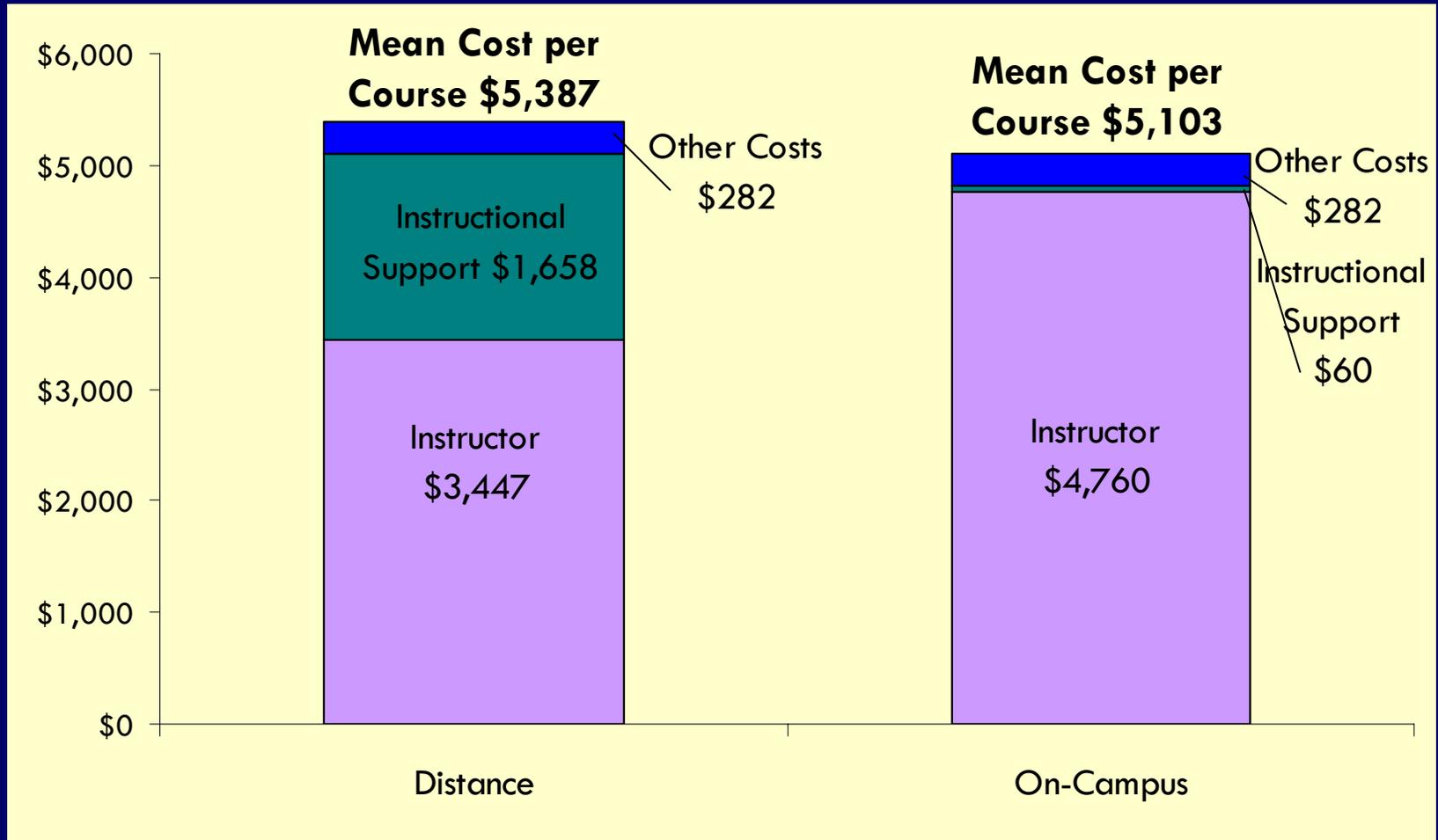
Development of Distance and On-campus Courses Differ

- On-campus course development incurred more faculty cost
- Distance course development incurred more instructional support
- Most distance courses do not include the original cost for content development

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Distance courses cost more overall to develop than on-campus courses



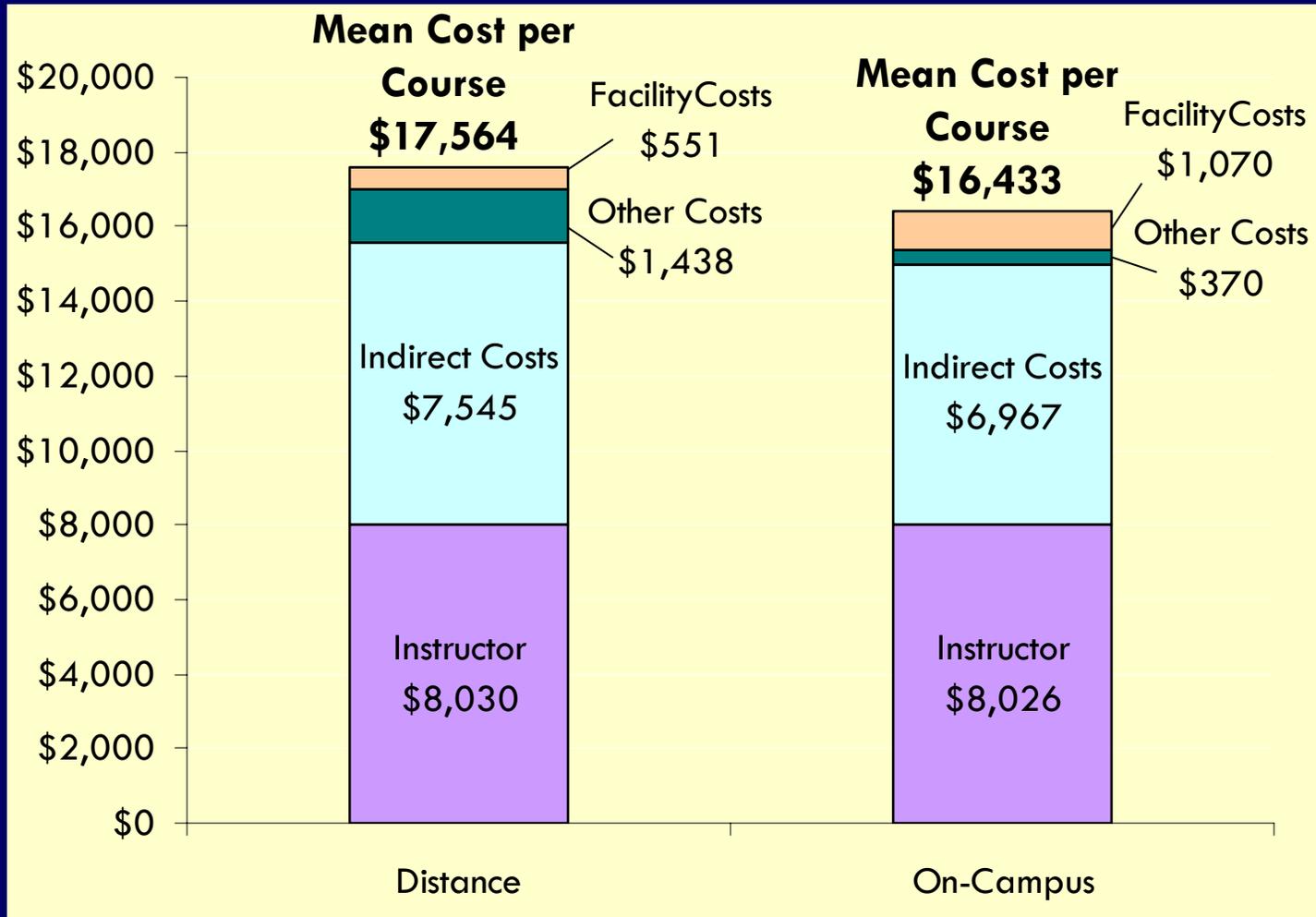
Delivery Costs the Same for On-Campus and Distance Courses

- Instruction costs make up about half for on-campus and distance courses
- Facility costs are higher for on-campus courses
- Distance courses had higher costs for instructional support

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Distance and On-Campus Courses Cost About the Same to Deliver



Class Size

- Average class size is smaller for distance than on-campus courses
- Several factors limit class size
 - Necessary for student engagement
 - Student expectations for 24/7 feedback
 - More time consuming for faculty to maintain quality instruction

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How Can Distance Education Be Improved?

1. Create development and technology standards
2. Encourage campuses provide efficient and effective instructional support for faculty
3. Foster collaboration through a distance education consortium

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How Can Distance Education Be Improved?

4. Encourage information sharing among campuses
5. Build staff and technology resources on campuses
6. Continue system-wide initiatives for technology and services to reduce cost and create greater economies of scale

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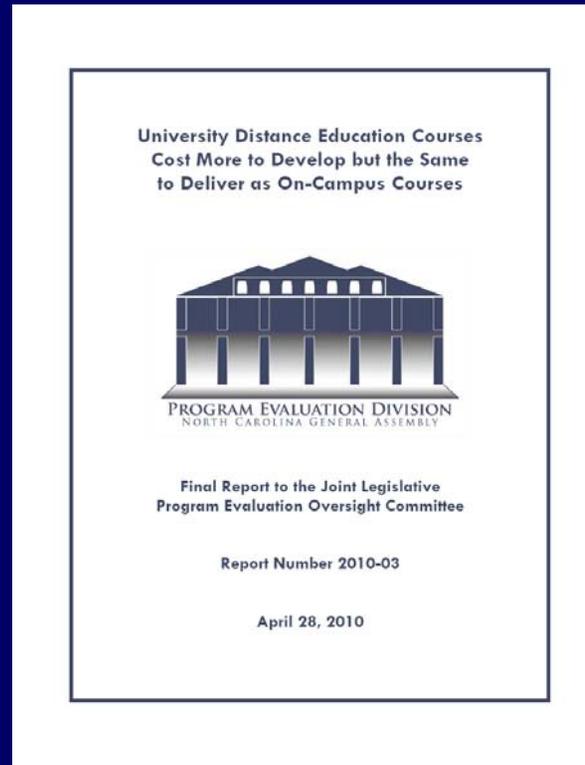
Summary

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Report available online at

www.ncleg.net/PED/Reports/reports.html



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