

The Challenges Faced by Community College Leaders in Preparing for the Future

Houston Community College Executive
Speaker Series

November 18, 2011

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Agenda

10:00 -10:40: Introduction, major
change drivers, signals of change

10:40-11:00: Challenges these
changes pose for community college
leaders

11:00-11:20: How should HCC
respond?

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Change Drivers

- ▶ Demographics
- ▶ Globalization
- ▶ Economic Restructuring
- ▶ Information Technology

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Demographic Change Drivers

- ▶ Age structure is changing
- ▶ Nature of students is changing
- ▶ Demand for access is increasing
- ▶ Ethnic identification mix is changing

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Economic

- ▶ Globalization
- ▶ Economic Restructuring
- ▶ Downsizing



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Constant training, retraining,
job-hopping, and even career-
hopping is the norm.



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What Lies Ahead in Technology

- Diminution (Nanotechnology/micromachines)
- Wireless networks/Wireless Web/Wi-Fi
- Cloud computing
- Global cyberinfrastructure
- Mobile
- Social networks
- Electronic books
- Simulations
- Virtual reality
- Expert systems
- Video conferencing
- Open source software



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Graduates Must Be Able To

- Access, analyze, process, and communicate information
- Use information technology tools effectively
- Be effective problem solvers
- Function creatively and innovatively
- Work effectively as team members
- Work effectively with people from different cultural backgrounds
- Engage in continuous, independent learning

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Signals of Change

Southern New Hampshire University
Western Governors University
Rio Salado Community College
Community College of Vermont
Open Courseware Consortium/Open
Educational Resource

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Signals of Change Cont.

Straighter Line (<http://tinyurl.com/7ug458q>)

Council on Aid to Education's Individualized Collegiate Learning Assessment program (www.cae.org)

Knowledge Extension/Learning Counts (www.knext.com)

World University (<http://tinyurl.com/lqtraf>)

Accreditation by course (<http://tinyurl.com/87z79sj>) and individual (<http://tinyurl.com/85e2lex>)

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Old Paradigm

- Faculty: actors
- Faculty responsible for content, media, assessment
- Student role = empty vessel
- Faculty work for one institution

New Paradigm

- Faculty: designers of learning experiences
- Faculty work as part of instructional team
- Student role = knowledge creator
- Faculty work for multiple institutions/independently

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Old Paradigm

- Semester/trimester/quarter
- Courses part of an accredited institutional curriculum
- Set enrollments (e.g., once a year)
- Institutions act independently

New Paradigm

- Varying lengths of time for learning modules
- Courses independent of institution and independently accredited
- Continuous enrollments (e.g., on demand, any time, any place)
- Institutions act with partners

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Old Paradigm

New Paradigm

- | | |
|---|--|
| ▸ Degrees based on credit hours | ▸ Degrees based on competency exams |
| ▸ Information transfer via classrooms/library | ▸ Information transfer anytime, anywhere |
| ▸ Libraries: stacks | ▸ Libraries: Starbucks |
| ▸ Textbooks | ▸ e-books |

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Old Paradigm

New Paradigm

- | | |
|---|--|
| ▸ Print publication the primary mode of information transfer | ▸ Institutions publish professors' papers, drafts, notes via open Web access |
| ▸ Publications refereed via professional associations and commercial publishers | ▸ Institutions sponsor their professors' manuscripts to refereed Web-based open access professional journals |
| | ▸ Free online publication as prominent as paid print publications |

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What are the most critical challenges these changes pose for Houston CommunityCollege?

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Nominal Group Technique

- ✓ Think about the question
- ✓ Record your responses
- ✓ Round robin
- ✓ Discussion
- ✓ Advantages
 - ✓ Tapping still waters
 - ✓ Think before talking



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Group Roles

- ✓ Facilitator
- ✓ Flip chart scribe
- ✓ Group Reporter
- ✓ Paperhanger



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Vote on most critical challenges facing HCC

Place your "dot" on the four most critical challenges

One vote per challenge

Place your votes on the left side of the page

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How should Houston
Community College respond
to the most critical
challenges?

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Reports

Four most critical challenges

How should HCC respond to the most
critical challenge?

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The video of this
presentation will be
available at
[www.horizon.unc.edu/
projects/presentations](http://www.horizon.unc.edu/projects/presentations)
by November 28, 2011

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