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

Houston Community College Executive Speaker Series

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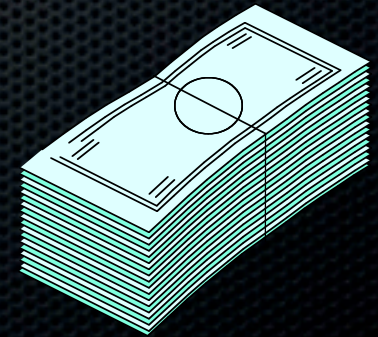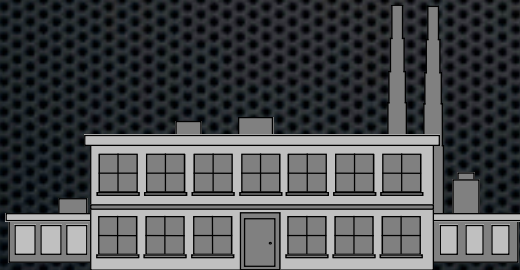
- 11:00-11:20: How should HCC respond?

Change Drivers

- Demographics

- Globalization

- Economic Restructuring

- Information Technology

Demographic Change Drivers

‣ Age structure is changing

‣ Nature of students is changing

‣ Demand for access is increasing

‣ Ethnic identification mix is changing

Economic

▸ Globalization

▸ Economic Restructuring

▸ Downsizing

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

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

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
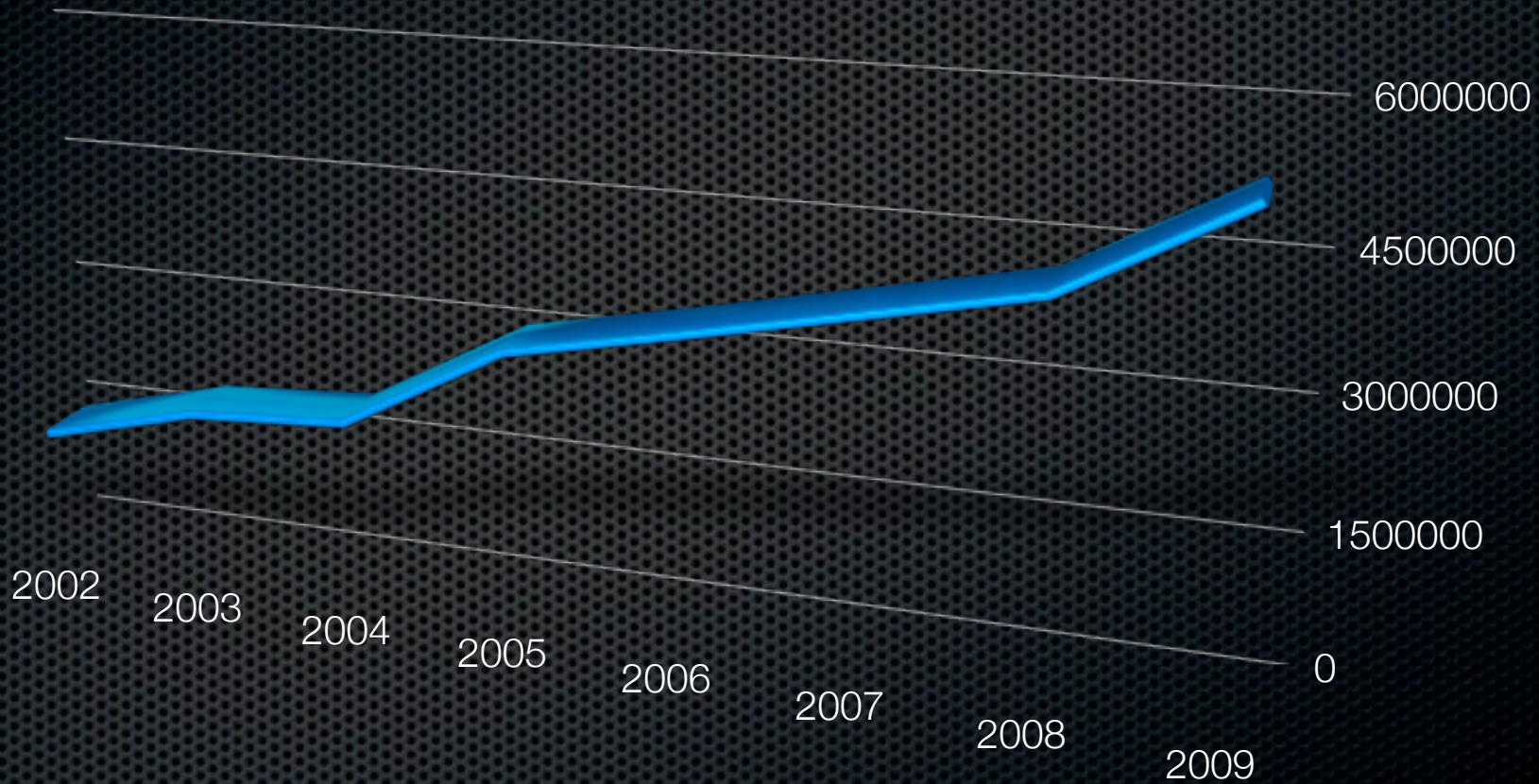
‣ Engage in continuous, independent learning

Signals of Change

- Southern New Hampshire University

- Western Governors University

- Rio Salado Community College

- Community College of Vermont

- Open Courseware Consortium/Open Educational Resource

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/lqfraf)

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

Online College Course Enrollment

Washington Post, 8/18/11, http://tinyurl.com/3s4ly22

Sunday, December 4, 11

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

Old Paradigm

- Semester/tri-mester/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 independedly 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

Sunday, December 4, 11

Old Paradigm

- Print publication the primary mode of information transfer

- Publications refereed via professional associations and commercial publishers

New Paradigm

- Institutions publish professors' papers, drafts, notes via open Web access

- Institutions sponsor their professors' manuscripts to refereed Web-based open access professional journals

- Free online publication as prominent as paid print publications

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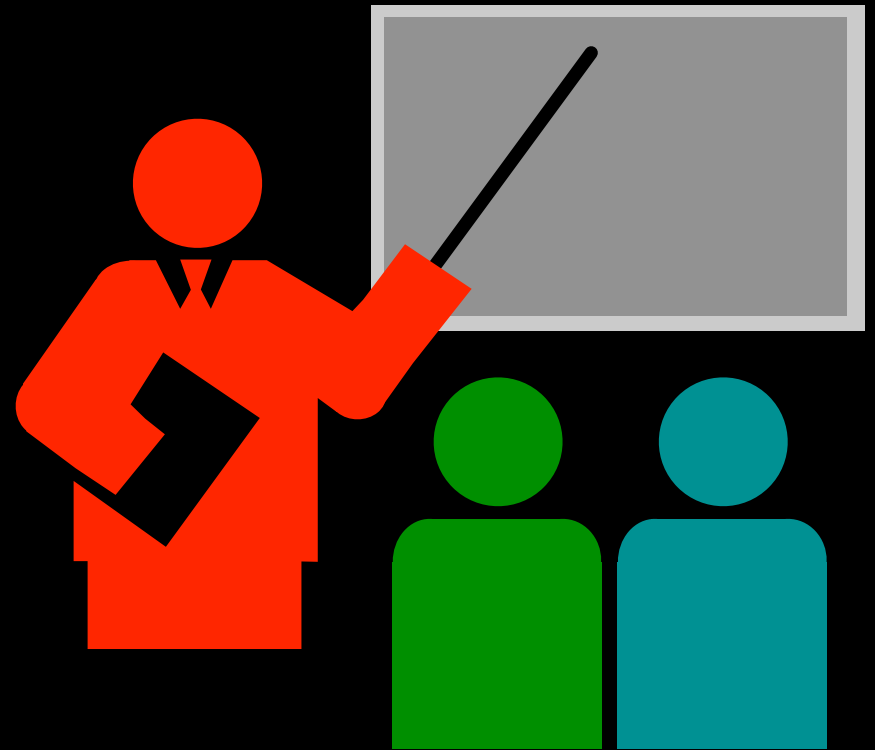
Nominal Group Technique

✓ 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" the four most critical challenges

* One vote per challenge

* Place your votes on the left side of the page

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

Sunday, December 4, 11

Reports

* Four most critical challeges

* How should HCC respond to the most critical challenge?