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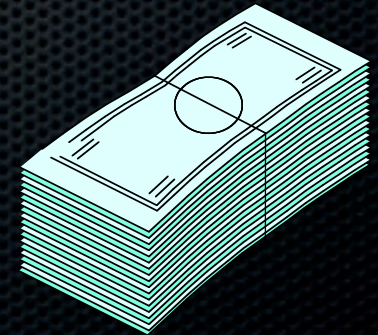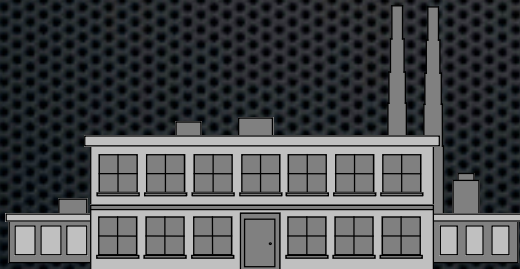
- 11:00-11:20: How should HCC respond?

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)

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

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

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

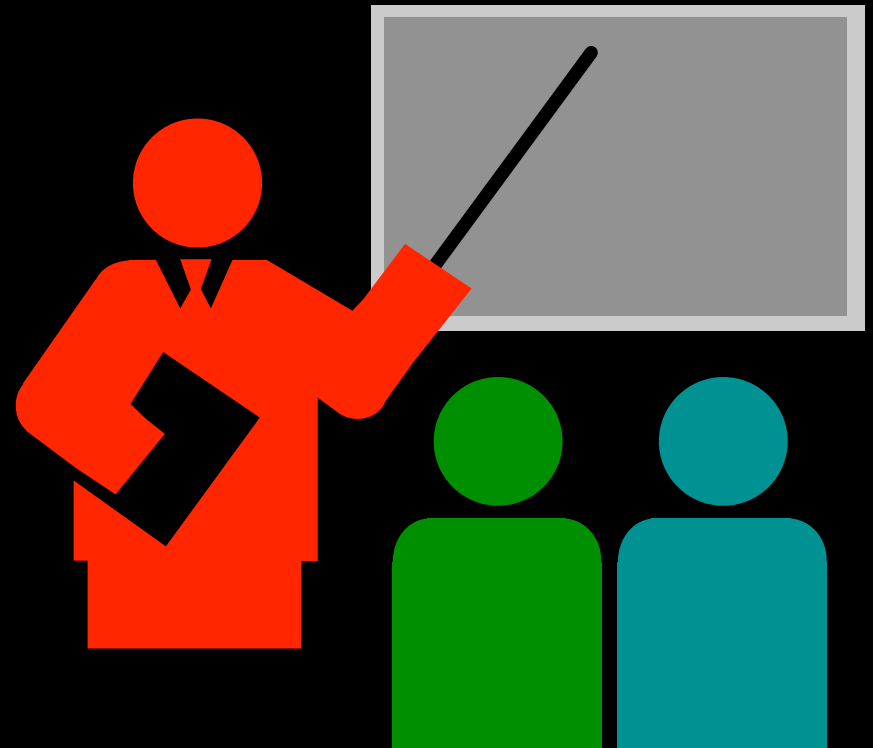What are the most critical challenges these changes pose for Houston CommunityCollege?

Nominal Group Technique

✓ Think about the question

✓ Record your responses

✓ Round robin

✓ Discussion

✓ Advantages

  ✓ Tapping still waters

  ✓ Think before talking

Group Roles

✓ Facilitator

✓ Flip chart scribe

✓ Group Reporter

✓ Paperhanger

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?

Reports

- Four most critical challeges

- How should HCC respond to the most critical challenge?