

# 21st Century Skills in Health Care

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# Last Century's Classroom



# This Century's Classroom



# Massachusetts Has Many Reasons To Be Proud

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- Viewed as being a state that “did Education Reform right”
- Nationally-recognized standards and assessments
- We have kept standards high
- Continued bipartisan support for reform
- NAEP results top all other states
- SAT scores at or near the top nationally
- More than 70% of our graduates go to college

# We Have Much More Work To Do

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Employers want graduates who are both “book smart” and prepared to succeed in today’s hi-tech, complex, competitive world.

To do this right we must:

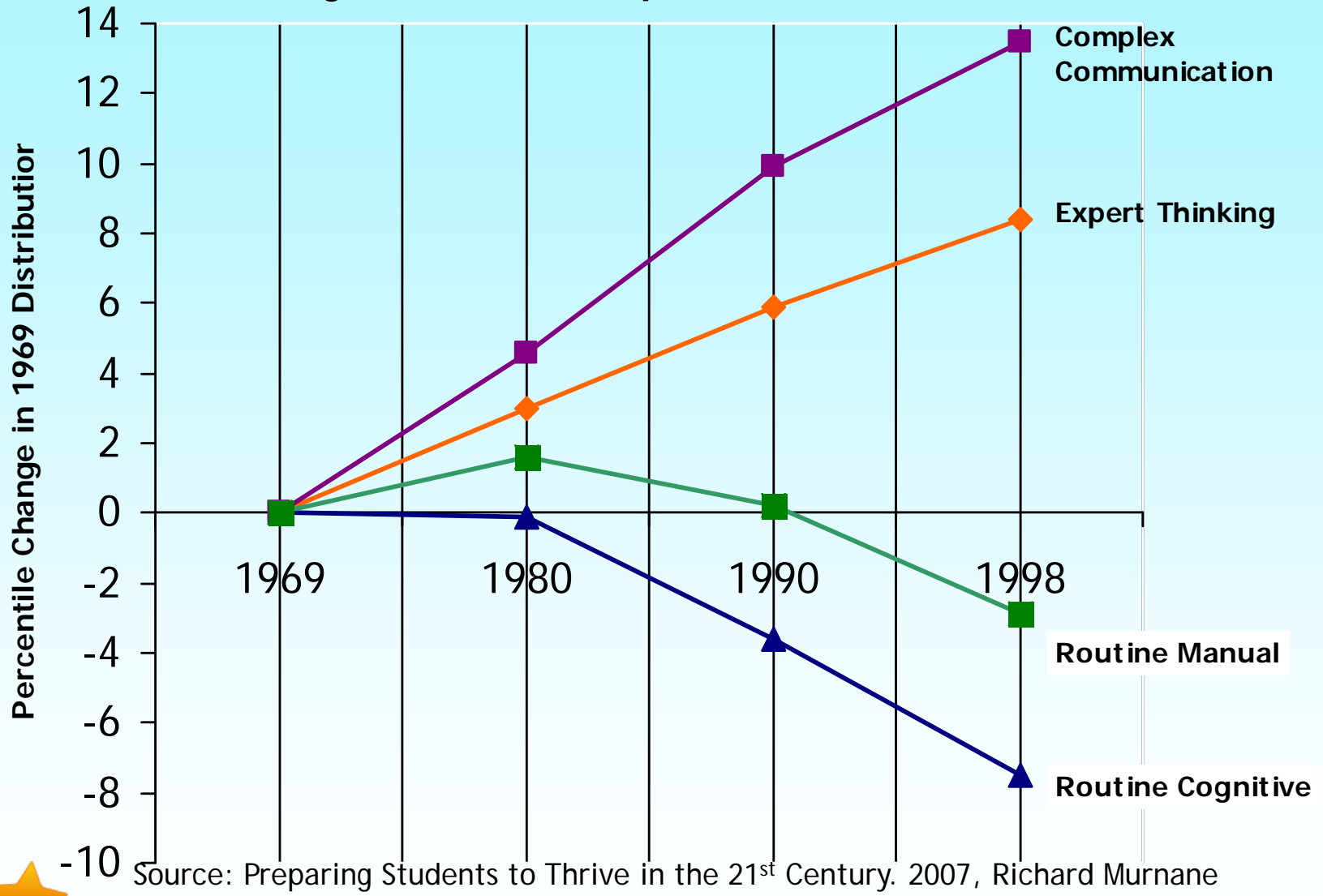
- *Find ways to integrate and embed 21<sup>st</sup> century skills and knowledge in the K-12 curriculum*
- *Create conditions to support our teachers to teach and model these skills*
- *Find ways to assess whether these skills are being taught and if students are learning them*

# The Global Economy is Driving Change

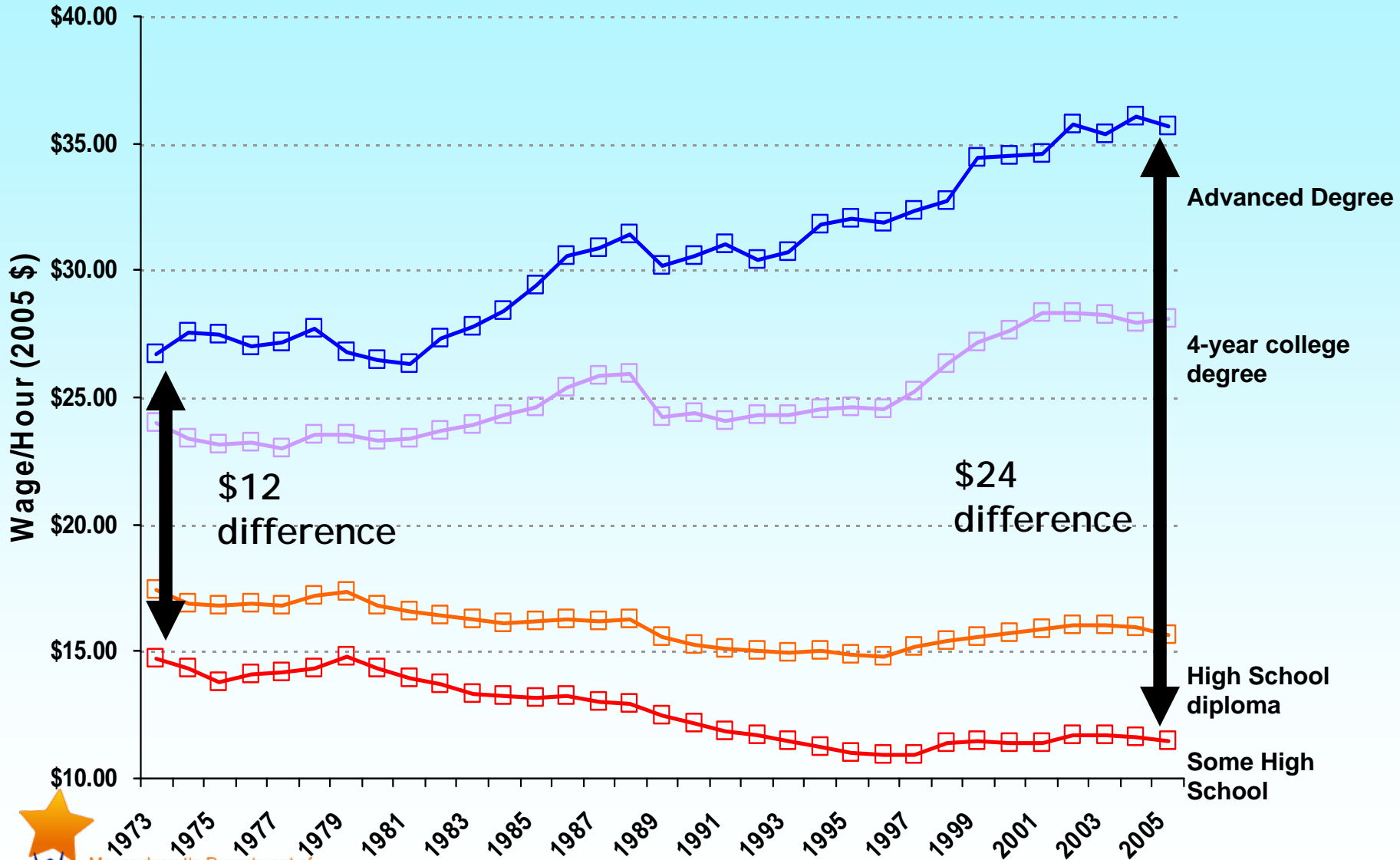
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- By 2015, about 85 percent of new jobs will require at least a two-year degree
- Just 10 percent of the state's employment opportunities are in manufacturing
- Employers say most critical job skills are professionalism, work ethic, oral and written communications, teamwork, collaboration, problem solving and critical thinking
- Recent MBAE study found a majority of high school graduates and many college graduates were lacking in most of those skills

# Today's Jobs Require Different Skills

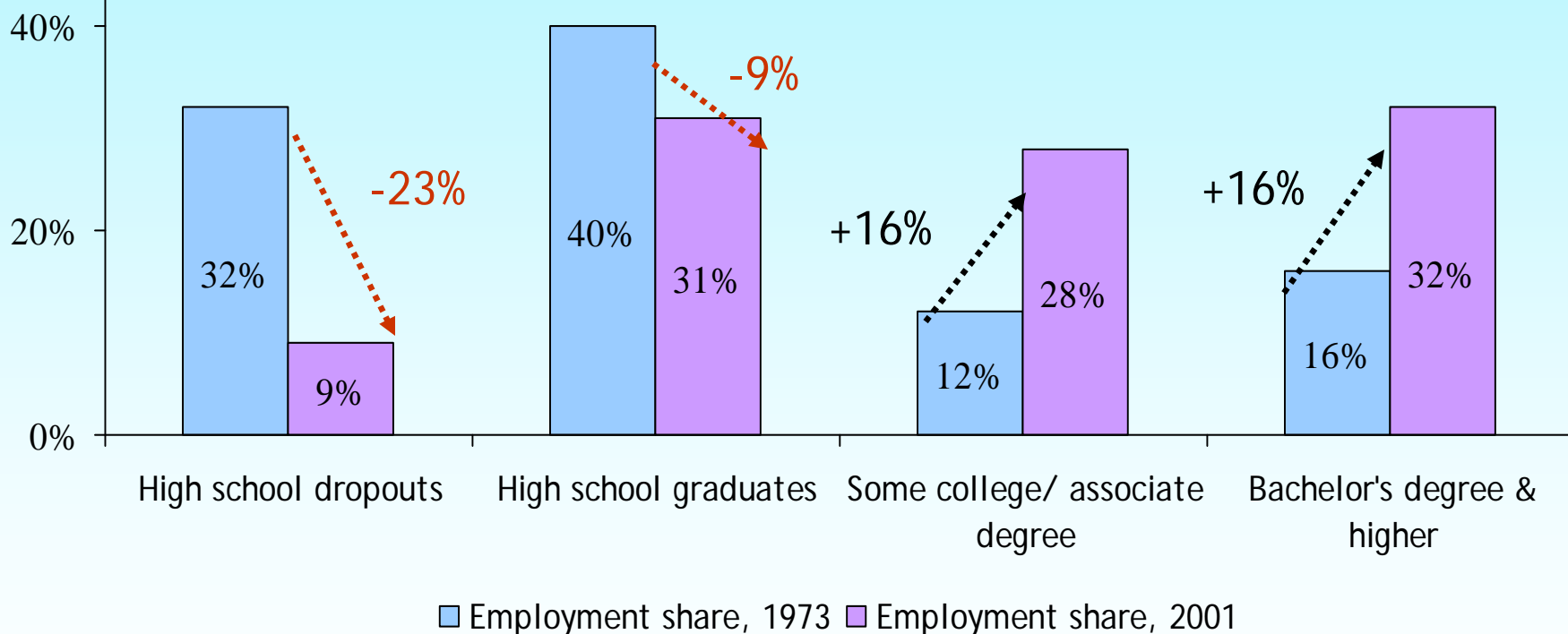


# Hourly Wage Gaps are Widening



# Today's Jobs Require More Education & Training

Change in the distribution of education / skill level in jobs, 1973 v. 2001

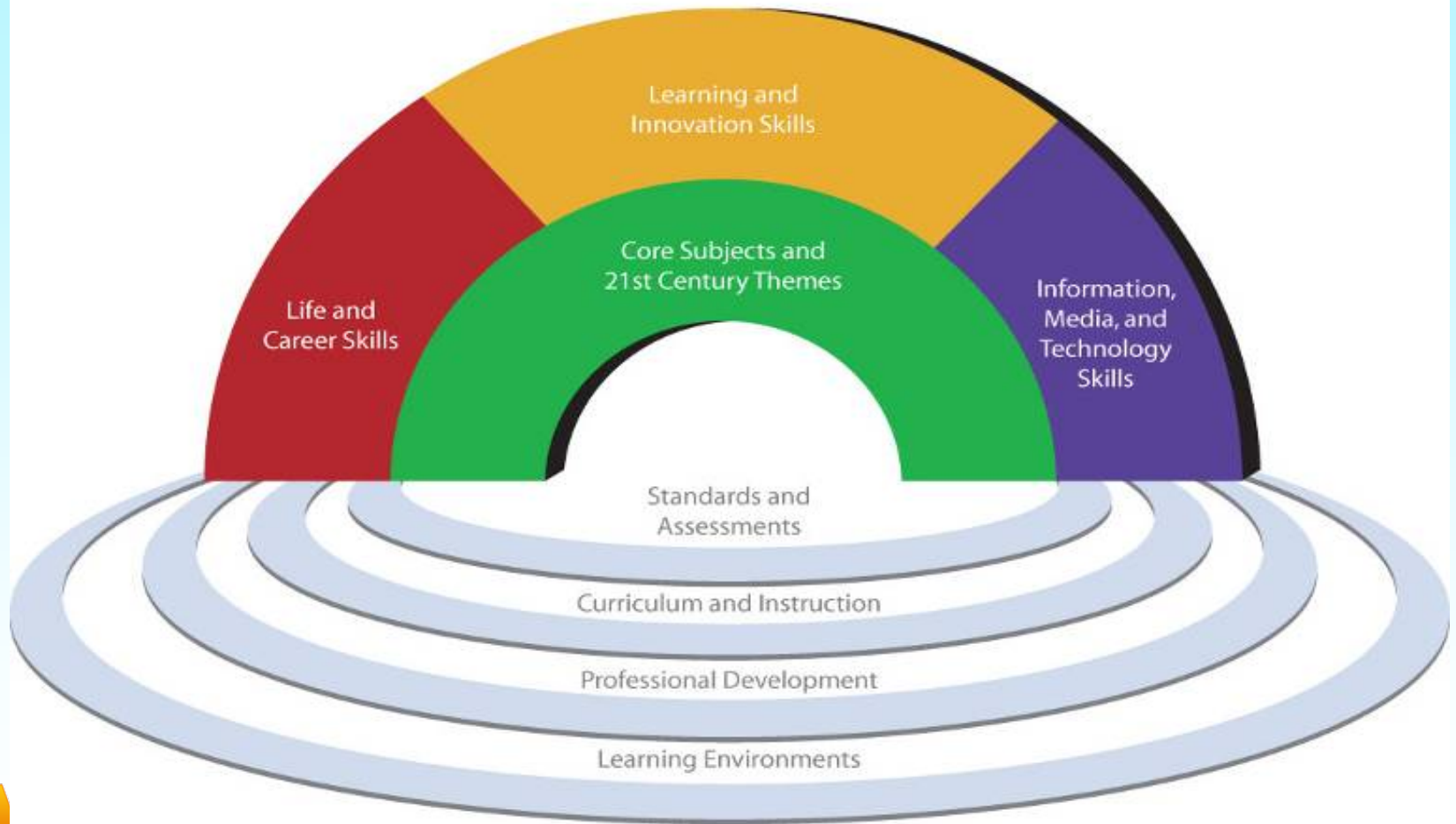


Source: Carnevale, Anthony P. & Donna M. Desrochers, *Standards for What? The Economic Roots of K-16 Reform*, Educational Testing Service, 2003.



# P21 Framework

21st Century Student Outcomes and Support Systems



# 21<sup>st</sup> Century Skills Framework

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## Core Subjects

- Economics
- English
- Government/Civics
- Arts
- History
- Geography
- Reading or Language Arts
- Mathematics
- Science
- World Languages

## 21<sup>st</sup> Century Themes

- Global Awareness
- Financial, Economic, Business & Entrepreneurship Literacy
- Civic Literacy
- Health Literacy

# 21<sup>st</sup> Century Skills Framework

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## Learning & Innovation

- Critical Thinking & Problem Solving
- Creativity & Innovation
- Communication & Collaboration

## Information, Media & Technology

- Information Literacy
- Media Literacy
- ICT (Information, Communications & Technology) Literacy

## Life & Career

- Flexibility & Adaptability
- Initiative & Self-Direction
- Social & Cross-Cultural Skills
- Productivity & Accountability
- Leadership & Responsibility
- Cultural Competency

# Q & A