

TRENDS IN CAREER & TECHNICAL EDUCATION

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The Council on Career and Technical Education

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2010 Was a Good Year for the CTecouncil

Submitted by Jack Powers on Fri, 02/21/2010 - 04:00

This year we made great progress in our support for career and technical education in New York City. Council and Commission members shared their insights and experiences with teachers, students and principals in every CTE discipline. Some of this year's highlights illustrate the scope of our efforts. (Please add your perspectives -- and anything or anyone I've missed -- through the comments link below.)

Schair CTE Teacher Award
Stanley Schair, our late chairman, kept the focus on New York's career and technical education programs through some tough times for CTE, and he was instrumental in the great work being done to revitalize vocational education in recent years. We miss him. With the guidance of Council member Kathy Hughes, we launched the Stanley Schair CTE Teacher Award for Excellence and Presentation at a ceremony at the United Federation of Teachers in February during CTE Month. The first recipient was Michael Malgrew, current UFT president and former CTE teacher. This year's nominations are being reviewed and the recipient will be celebrated in February.

New York State Department of Education Advisories
Our first Council meeting of 2010 began with an advisory roundtable on the state's Action Plan for Secondary and Postsecondary CTE run by senior executives for the NYSED. Following up last year's work on the Mayoral Task Force, we continued the state plans for interdisciplinary study, teacher training, career readiness and industry certifications. Later on in the year, NYSED was back for another panel discussion with employers on the Council getting our input on some controversial plans for the Individualized Education Plan (IEP) diploma.

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GothamSchools.org Highlights

- Rita & Brian, Council representatives in last in first post-articles
- Jane-Margaret the PFT. One more late, but still in Brooklyn
- Paul, Chairman Black has far to go to catch up
- Rita & Brian, Tonight's PEP meeting could extend Tuesday
- Representative, Bloomberg position the council speaks criticism

CTE 360
As part of the initiative to help Council members expand our development skills, Council member Peter analyzed successful practices learning e

Competi
Peter also evagin various C partners n-wi

NYAD
CCAP's Annual

Cisco's Justice, Virtual

10th Annual CTE Month Conference

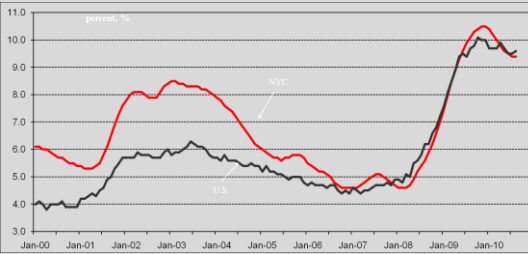
This Spring, graphic communications students from high schools all over New York City will come together at a college to compete for the title of State Champion in the 10th Annual Graphic Arts Competition. The six competition disciplines include the most and best of the industry and the result of their school graphic education programs. It is a gateway to the industry and a chance for students to showcase their skills and receive the recognition of their peers and industry professionals.

10th Annual CTE Month Conference Schedule

- Friday 1/29: 9:00am - 12:00pm: Lunch & Registration
- Friday 1/29: 12:00pm - 1:00pm: Registration
- Friday 1/29: 1:00pm - 2:00pm: Welcome Reception
- Friday 1/29: 2:00pm - 3:00pm: Keynote: Peter Dinklage
- Friday 1/29: 3:00pm - 4:00pm: Panel: Panel on CTE/Path
- Friday 1/29: 4:00pm - 5:00pm: Networking Reception
- Friday 1/29: 5:00pm - 6:00pm: Dinner & Entertainment
- Saturday 1/30: 9:00am - 12:00pm: Registration
- Saturday 1/30: 12:00pm - 1:00pm: Lunch & Registration
- Saturday 1/30: 1:00pm - 2:00pm: Welcome Reception
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Unemployment Rate, NYC vs. U.S.



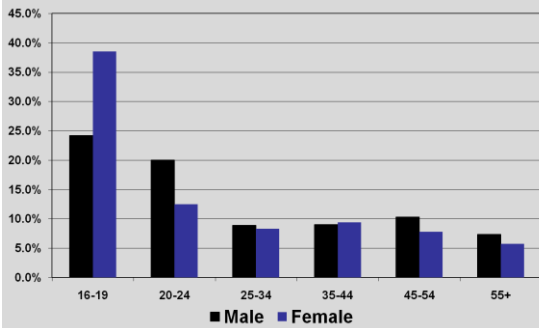
Source: NYS DOL Briefing

Growing Industries, NYC, 12-Months Ending August 2010

- Full-Service Restaurants + 4,500
- Food & Beverage Stores + 4,200
- Limited-Service Restaurants + 4,100
- Home Health Care Services + 3,600
- Accounting, Tax Prep, Bookkeeping, Etc. + 2,900
- Offices of Physicians + 2,800
- Real Estate + 2,800
- Employment Services + 2,700
- Motion Picture & Sound Recording + 2,200
- Child Day Care Services + 2,200
- Performing Arts, Sports, Etc. + 2,200
- Nursing & Residential Care Facilities + 2,000
- Accommodation + 2,000
- Computer Systems Design & Related + 1,900

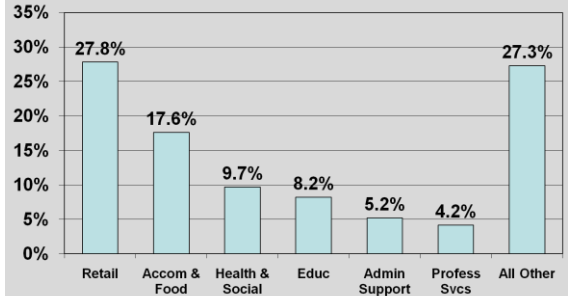
Source: NYS DOL Briefing

Unemployment Rates By Age Group Year-Ending August 2010



Source: NYS DOL Briefing

Employed 14-21 Year Olds by Sector



Source: NYS DOL Briefing

NYC Employment by Educational Cluster

Training Cluster	Employment in 2006	Percent
High School	349,290	9.5%
High School/Some College	1,551,550	42.2%
High School/Some College/College	643,480	17.5%
Some College/College	544,920	14.8%
College Degree	591,580	16.1%

Source: NYS DOL Briefing

NYC Employment by Training Cluster

Training Cluster	Employment in 2006	Percent
On The Job Training	2,101,130	57.1%
Postsecondary Vocational Training	202,010	5.5%
Work Experience in Related Job	234,610	6.4%
Associates Degree	147,280	4.0%
Bachelor's Degree	625,900	17.0%
More Than Bachelor's Degree	369,890	10.0%

Source: NYS DOL Briefing

High Wage, High Growth Jobs

Job Title	Median Wage	10-Year % Growth	Training
Curators	\$82,020	20.0	Master's Degree
Museum Technicians & Conservators	\$40,320	20.0	Master's Degree
Advertising Sales Agents	\$80,300	20.0	Medium-term on-the-job training
Voiceover Artists	\$110,710	18.8	Post Professional Degree
Management Analysts	\$88,300	18.8	Work Experience + Bachelor's degree
Personal Financial Advisors	\$142,300	18.4	Bachelor's Degree
Market Research Analysts	\$69,610	18.0	Bachelor's Degree
Technical Writers	\$71,890	18.8	Bachelor's Degree
Public Relations Specialists	\$65,710	18.7	Bachelor's Degree
Architects, Except Landscape & Naval	\$80,380	18.3	Bachelor's Degree
Cost Estimators	\$73,670	17.8	Work exp. in a related occupation
Interior Designers	\$68,830	17.8	Associate's Degree
Health Educators	\$43,180	17.7	Master's degree
Financial Analysts	\$97,210	17.4	Bachelor's Degree
Marketing Managers	\$148,840	17.1	Work Experience + Bachelor's degree
Medical Scientists, Except Epidemiologists	\$78,840	16.8	Doctoral Degree

Occupations That Pay Twice the Minimum Wage with Lower Educational Requirements

Occupation	Median Wage	High School or less	Biggest Industry	# of Firms
Industrial Truck and Tractor Operators	\$18.82	80.9%	Warehousing & Storage; Grocery Wholesalers	158
Carpet Installers	\$22.24	77.7%	Home Furnishing Stores	727
Tree Trimmers and Pruners	\$17.30	77.0%	Landscape Services	369
Welders, Cutters, Solderers, and Brazers	\$17.09	75.2%	Architectural & Structural Metals	235
Automotive Body and Related Repairers	\$15.14	75.0%	Auto Repair & Maintenance Shops	2,437
Cabinetmakers and Bench Carpenters	\$15.03	73.4%	Household & Institutional Furniture Mfg	356
Upholsterers	\$18.67	73.3%	Reupholstery & Furniture Repair	164
Truck Drivers, Heavy and Tractor-Trailer	\$22.09	71.7%	General Freight Trucking	739
Glassers	\$17.12	69.7%	Glass & Glazing Contractors	114
Home Appliance Repairers	\$15.74	64.3%	Electronics & Appliance Stores	1,387
Lodsmiths and Safe Repairers	\$24.29	62.4%	Lodsmiths	182
Bus Drivers, School	\$18.22	61.4%	School & Employee Bus Transportation	156
Pest Control Workers	\$18.16	52.2%	Exterminating & Pest Control Services	208
Security and Fire Alarm Installers	\$21.70	48.3%	Investigation & Security Services	875
Bill and Account Collectors	\$19.04	45.9%	Collection Agencies	88

Source: NYS DOL Briefing

<http://chronicle.com/blogs/innovations/why-did-17-million-students-go-to-college/27634>

Over 17 million waiters and waitresses (a doctoral or professional degrees), along parking lot attendants. All told, some 5 doing jobs that the BLS says require less degree.

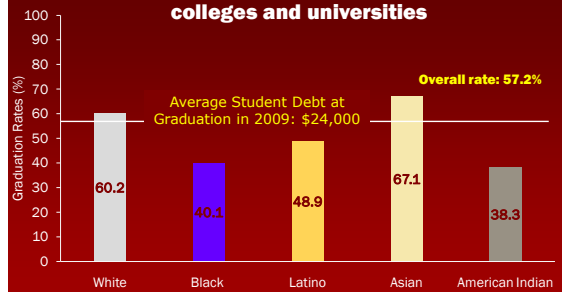
Occupation
Customer service representatives
Waiters and waitresses
Secretaries, except legal, medical, and executive
Executive secretaries and administrative assistants
Secretaries and information clerks
Laborers and freight, stock, and material movers, hand
Janitors and cleaners, except maids and housekeeping
Truck drivers, heavy and tractor-trailer
Speditors
Carpenters
Food preparation workers
Amusement and recreation attendants
Landscaping and groundskeeping workers
Construction laborers
Sales/marketers
Postal service mail carriers
Electricians
Hotel, motel, and resort desk clerks
Flight attendants
Parking lot attendants

**From Wall Street to Wal-Mart:
WHY COLLEGE GRADUATES ARE NOT GETTING GOOD JOBS**

By Staff of the Center for College Affordability and Productivity
Richard Veda, Director
Changping Du, Senior Research Associate
Molly Taylor, Administrative Director
Christoph Engelmann, Chief Student Accounts Assistant
Hank Healy, Research Associate

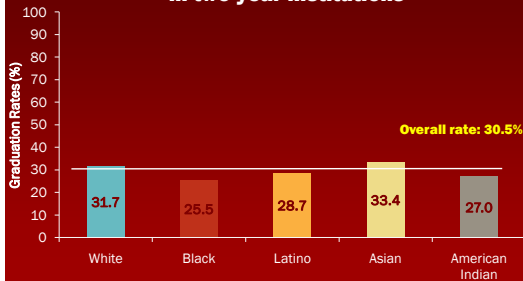
A Policy Paper from The Center for College Affordability and Productivity
November 19, 2009

Six year graduation rates in four-year colleges and universities

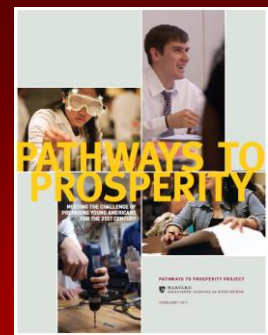
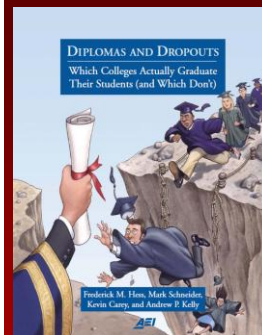


Source: IPEDS First Look: Enrollment in Postsecondary Institutions, Fall 2008; Graduation Rates, 2002 and 2009; Cohorts and Financial Statistics Fiscal Year 2008.

Three year graduation rates in two-year institutions



Source: IPEDS First Look: Enrollment in Postsecondary Institutions, Fall 2008; Graduation Rates, 2002 and 2008 Cohorts; and Financial Statistics Fiscal Year 2008.



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US: EDUCATION

Gates gives \$35 million to Obama's community college overhaul

As the first ever White House community college summit Tuesday, President Obama announces new grants to help community colleges prepare Americans for new jobs.

President Obama, accompanied by Bill Gates, wife of Vice President Joe Biden, speaks during the White House Summit on Community Colleges Tuesday at the White House in Washington.

President Obama announced on Tuesday that he will give \$35 million to help fund a new program to help community colleges prepare students for the workforce.

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See how a plan to grow a renewable energy company ended up creating more than just megawatts.

The City University of New York

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The New Community College Initiative

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Digital Media Technology in the Tri-State Region

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CUNY And IBM To Open Unique School In NYC

September 30, 2010 at 2:47 pm

According to Mayor Michael Bloomberg, the City University of New York and IBM will open a unique school that merges high school with two years of college. This will allow students, who will also be first in line for a job at IBM, to earn an associate's degree.

The mayor also proposed to do away with automatic teacher tenure and the state law that requires schools to buy printed textbooks rather than use digital content. "That may be good for the business textbook industry but it's really a bad deal for our students in this day and age," Bloomberg said.

Associated Press

Tagged With: Bloomberg, City University of New York, CUNY, digital content, IBM, print books, tenure

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