

The logo for San Francisco Unified School District (SFUSD) is centered on the page. It consists of a dark red rectangular box with a thin white border. The box is divided into three horizontal sections. The top section is white with the words "SAN FRANCISCO" in dark red, all-caps, sans-serif font. The middle section is dark red with the letters "SFUSD" in white, all-caps, sans-serif font. The bottom section is white with the words "UNIFIED SCHOOL DISTRICT" in dark red, all-caps, sans-serif font. A thick dark red horizontal line passes behind the logo, extending across the width of the page.

SAN FRANCISCO

S F U S D

UNIFIED SCHOOL DISTRICT

School-to-Career Department

San Francisco Unified School District

Agenda

An overview of School-to-Career Department

- CTE
- Career Academies
- Academic Rigor
- Career Guidance
- Partnerships
- Certification and Instruction
- Work-Based Learning

Q and A

Career Technical Education

- A new way of thinking that is distinctly different from vocational programs of the past.
 - Fits within the School-to-Career philosophy that strives to connect classroom learning with career exposure and knowledge.
 - Brings together educators, business/industry/ labor, and community-based organizations to integrate academic and technical education.
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Career Academies SFUSD

Academy of Finance

Abraham Lincoln High School

Phillip & Sala Burton High School

Program of Study

English, Social Studies (11 and 12)

Computer Applications / Digital Media (11)

Banking and Credit / Financial Planning (12)

Post-Secondary Options

CCSF-Business Programs

One year certification / Two year program

Students eligible for entry office/clerical work

Minimum wage \$15.00 per hour

Career Academies in SFUSD

Academy of Information Technology

Galileo Academy of Science and Technology

Abraham Lincoln High School

Phillip & Sala Burton High School

Program of Study

English, Social Studies (10, 11, 12)

Computer Applications / Digital Media(10)

Media Arts (11)

Desktop Publishing / Web Design (12)

Post-Secondary Options

- o Tech Prep program at CCSF - Certifications in Computer Science (CS), Computer Network and Information Technology Departments (CNIT)
 - o Specialist Certification and Oracle Certification
Wage \$18-20 per hour
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Career Academies in SFUSD

Academy of Hospitality and Tourism

George Washington High School

Galileo Academy of Science & Technology

Program of Study

English, Social Studies (11, 12)

Introduction to Hospitality / Geography & World Travel (11)

Sports, Entertainment Event Planning / Business for Hospitality & Tourism (12)

Post-Secondary Options

Tech Prep at CCSF Culinary Arts Program, Hospitality Management Program

Two or four year college program

Entry-level positions only in hospitality/culinary

Career Academies in SFUSD

Academy of Engineering (pilot program~full launch Aug. 08)

*focused on women and minority students

Phillip & Sala Burton High School

George Washington High School

Program of Study

English (11)

Introduction to Principles of Engineering (11)

Proposed for 08-09 (Conceived as a 9-12 sequence)

9th grade English, SS, Principles of Engineering (9)

Introduction to Engineering Design (12)

Post-Secondary Options

CCSF Architecture / Engineering program--two year degree program
and four year college prep--Engineering / Architecture major

Career Academies in SFUSD

Construction Trades

Spring 05 / SY 05-06 (3 semesters): Pre-apprenticeship program in partnership with Asian Neighborhood Design

Spring 07: Construction Trades Roadshow

Summer 07: Initial Summer Internship Program with local engineering/ construction firms in San Francisco

Partnerships since Spring 05

1) Citibuild 2) CCSF 1-2 year Construction Trades program 3) Apprenticeship opportunities

Career Academies in SFUSD

Health Services Careers: BioMedical Academy

Raoul Wallenberg High School

Program of Study

English, Social Studies (11, 12)

Physiology (11)

Biotechnology (12)

Proposed for 3-4 for years of study

Post-Secondary Options

- o CCSF-Health Programs at John Adams campus-6 mo to 2 yr programs
 - o Four year college programs
 - o Entry-level lab assistant \$12-15 per hour
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Career Academies in SFUSD

Health Services Careers: Biotech Pathway

Abraham Lincoln High School

Galileo Academy of Science & Technology

Program of Study

Physiology (11)

Biotechnology (11 or 12)

Advanced Biotechnology (12)

Post-Secondary Options

CCSF Bridge to Biotech Program

C.P. for Science majors

Entry-level lab assistant \$12-15 per hour

Career Academies SFUSD

Teacher Academy

Abraham Lincoln High School

Thurgood Marshall (pilot)

Program of Study

English, Social Studies (11, 12)

Psychology and Learning (11)

Human Development (12)

Post-Secondary Options

- SFUSD Para Teacher program and CCSF Teacher Prep program / Half-time employment with SFUSD \$18 per hour
 - College major: Education
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Partnerships with Industry, Growth Industry and Certifications

Currently in SFUSD

Oracle Academy - certification in Database Management Program (handout)

Microsoft -Specialist Certification for students and teachers
Currently, 60% of CTE teachers are certified

Goal 100% STC senior students and teachers certified by
end of 07-08 SY

In planning phase

Cisco Academy -Tech Prep program with CCSF (handout)

Partnerships with Community

- ❑ DCYF – Jobs for Youth
 - ❑ Citibuild
 - ❑ Kaiser Permanente
 - ❑ Huckleberry – Health programs
 - ❑ Project Lead the Way (PLTW)
 - ❑ National Action Council of Minorities in Engineering (NACME)
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Partnerships with Post-Secondary Institutions

- Phyllis McGuire, Associate Vice Chancellor of CCSF Workforce & Economic Development, serves on SFUSD Engineering/Construction Trades Advisory Board

CCSF is writing a grant to the Department of Labor to develop pathways to careers in construction trades; SFUSD is partnering with CCSF on this grant

- Center for Cities and Schools, Institute of Urban and Regional Development, UC Berkeley (Social Enterprise for Learning)
 - National Academy Foundation (NAF)
 - Develop future partnerships with SFSU in School of Business
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Forging Links with CCSF

The School to Career Department has taken a lead in creating opportunities for SFUSD senior career academy students to take concurrent coursework at CCSF.

In 2006-2007, over 350 students completed classes in biotech, business and finance, health care, information technology and law.

Summer Internship Program

With the help of our advisory boards, students complete an internship between their junior and senior years.

These internships are related to the students' career academy programs.

The STC advisory boards also provide a forum for educators and industry leaders to interact and connect important resources and opportunities for the classroom.

Summer Internship Program

93% of interns reported that their experience has helped them choose a career or college major

100% reported that they learned skills and knowledge that would help them later in life

98% reported their internship experience was positive

Summer Internship Program

96% of internship host companies reported that their interns made a strong positive contribution to their workplace.

100% rated the program positively

Summer Internship Program

“What I found most important about my internship experience was that I learned so many life skills that I can carry into my senior year, into college and into life. I've never done anything like the internship so this was a very new opportunity that I wanted to take full advantage of.”

Summer Internship Program

“The student interns have been a tremendous help to us this summer. They are well-liked by the staff and have been an asset. I would be happy to hire them in the future.”

Summer Internship Program

Summer 2006

□	Academy of Information Technology	8
□	Academy of Business & Finance	41
□	Health Academies	40
□	Law Academies	33
□	Teacher Academy	11

TOTAL SFUSD student internships = 133

Summer Internship Program

Summer 2007

<input type="checkbox"/>	Academy of Information Technology	25
<input type="checkbox"/>	Academy of Business & Finance	41
<input type="checkbox"/>	Health Academies	24
<input type="checkbox"/>	Law Academies	42
<input type="checkbox"/>	Teacher Academy	23
<input type="checkbox"/>	Academy of Hospitality and Tourism	6
<input type="checkbox"/>	Construction Trades	9

TOTAL SFUSD student internships = **170**

Summer Internship Program

Summer 2008 Projected Numbers

<input type="checkbox"/>	Academy of Information Technology	35
<input type="checkbox"/>	Academy of Business & Finance	45
<input type="checkbox"/>	Health Academies	27
<input type="checkbox"/>	Law Academies	50
<input type="checkbox"/>	Teacher Academy	30
<input type="checkbox"/>	Academy of Hospitality & Tourism	20
<input type="checkbox"/>	Construction Trades	15
	TOTAL SFUSD student internships	= 202

Facilities and Equipment

Career Technical Education

- \$500,000 grant for SFUSD middle and high schools to purchase CTE equipment and materials
- STC initiative: Interactive Whiteboards Pilot Project

Numerous state proposals to improve facilities at school sites--2010-2015

Improve CTE teacher training

Year long, on-going professional development:

- Work-based learning activities
 - SCAN Skills
 - Digital Media curriculum
 - Improve technology skills
 - Curriculum development:
 - a) Career development: Vision for future
 - b) Specific career development skills-unique to each program
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CTE's role in work force development

NAF commissioned Columbia University to study effect of career academy programs on academy graduates.

Findings:

- ❑ 30% of students' major in college were related to their academy programs
- ❑ Academy students were more likely to continue their education after high school
- ❑ Academy students took fewer college-level remedial courses
- ❑ Academy students were more likely to graduate from college

One-year follow up by Regional Occupational Programs found 100% employment and/or school enrollment

We are developing methods to collect local research on success of programs: ASPIRE (NAF) and MDRC

CTE's role in work force development

- Improve academic achievement
 - Prepare underserved students for work and post-secondary education
 - Provide information about post-secondary opportunities in careers that offer high wages or pathways to high wages
 - Provide information about post-secondary educational opportunities for careers that offer high wages or pathways to high wages
 - Provide guidance and information about:
 - CCSF programs
 - Citibuild and apprenticeships
 - Certifications
-

Career Technical Education

The School-to-Career Department is...

Moving its programs into the 9th and 10th grades

Doing career outreach to middle school on career choices--with a focus in 7th and 8th grades

It is our expectation that upon entry into high school, students who select and participate in career academies are more motivated, find their coursework more relevant and will demonstrate better attendance and improved academic achievement.

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