Strategic Priority #3. To continue to respond effectively to the educational and training needs of students and communities related to workforce, economic and community development initiatives.

3.1 Develop new career pathway programs (academic, vocational and contract education) to respond to economic development trends in the City and region, including (but not limited to): Health & Medical Services, Transportation, Public Sector Services, Biotechnology, Information Technology.

Overall, the consensus among participants attending Strategic Planning sessions held in March and April 2010 is that CCSF has been effective in this priority area and has many accomplishments. CCSF responded to economic development trends by focusing on the following key economic sectors that are strategically important to San Francisco:

Transportation
- Automotive Department became NATEF Certified
- Motorcycle Design & Maintenance Program developed 8 new courses
- Hybrid Technician Course has been developed
- Awarded a DOE grant to develop additional hybrid technician and alternative fuel curriculum
- A series of curriculum was developed through an EPA grant to train biodiesel distributors, fleet operators and maintenance personnel in means to ensure quality control in the mixing and use of biodiesel fuel.
- In partnership with Goodwill the College acquired a simulator to advance the work of the Transit Academy and expand the truck driving school housed in the Bay View District. The former began with the San Francisco Transit Career Ladder Partnership with MUNI and its unions, and is now extending to a Northern California Regional Transportation and Logistics Training Consortium, modeled on the southern California model.

Public Sector Services
- 26 new courses developed in Advanced Officer Training
- Basic Fire Academy Course to be offered (7 units)
- Developed and implemented a State Fire Marshall accredited Regional Fire Academy.

Biotechnology
- Bio-Link National Advanced Technological Education Next Generation Center for Biotechnology is hosted at CCSF and is funded by the National Science Foundation (NSF). Bio-Link’s mission is to strengthen and expand biotechnology technician education at community and technical colleges throughout the nation. Bio-Link was refunded in 2009 for 4 years at the $5 million level.
- Bridge to Biotech was developed to provide a one year lab certificate to prepare individuals with the basic math, language, science, college success and workplace readiness skills necessary for entry-level employment in the biotech field, as well as the next level of science coursework required for an AS Degree in biotechnology. Bridge to Biotech is recognized across California and the country as a model program for providing disadvantaged populations with access to biotechnology training programs, career awareness and support.
Strategic Priority #3. To continue to respond effectively to the educational and training needs of students and communities related to workforce, economic and community development initiatives.

Information Technology

- CCSF’s ICONS Center was funded by the National Science Foundation (NSF) and in 2008, the NSF funded MIPC (mpict.org) with a grant to be a regional NSF Center to provide support to community colleges with developing Information & Communications Technologies (ICT) curriculum.

Health & Medical Services

- In Health and Health Education, CCSF has developed a number of new programs to respond to the need for trained community health workers. Certificate Programs have been developed for Community Health Worker, as well as specialty certificates for Youth Worker: Organizing, Advocacy Counseling and Education; and Post Prison Health Worker.
- Bridge Programs have been developed in the nursing field, specifically a CNA to LVN Bridge Program and a LVN to RN Bridge Program.
- The SF WIB is funding CCSF to create a Health Academy and a Social Services Academy in 2010.
- Metro Health Academy (MHA) is a program designed to give students extra academic support and additional exposure to issues of social justice. Students in MHA are part of a cohort, or learning-community, moving through two-three semesters of MHA courses and health-infused general education courses together. MHA is designed to help students transfer to the CSU.

Green Economy

- The Construction Trades program added a 3-credit Solar PV Installation course in Spring 2009, which qualifies students to take the NABCEP certification exam. Currently 3 sections of the PV course are offered.
- A Green Academy and a Green Launchpad are being started in 2010 to respond to the growing interest among students and to meet the needs of local employers for skilled workers. Funding from San Francisco Office of Workforce & Economic Development and SF WIB will support the Green Academy and the Construction Academy.
Strategic Priority #3. To continue to respond effectively to the educational and training needs of students and communities related to workforce, economic and community development initiatives.

3.2 Integrate basic, skills, ESL and other appropriate academic instruction with workforce education programs.

- The Office of Career and Technical Education has been actively involved in the development of the Basic Skills Initiative with the focus on integrating basic skills into career and technical education programs. The most recent development is the hiring of a faculty BSI-CTE Assessment Coordinator to thoroughly research and assess the needs of CTE students’ basic skills.

- The Bay Area Workforce Funding Collaborative funded CCSF to develop contextualized basic skills program models for strengthening Student Retention/Job Placement in CTE Programs. Two pilot programs in Automotive and Business are being developed.
3.3 Expand workforce training and development opportunities for students (diversity; integrate academic & occupational programs; career planning; collaborate with CBOs & businesses to provide first employment opportunities; work experience in the community; partnerships with the City and CBOs to support workforce training and economic development)

- The Office of Career and Technical Education collaborates with community-based organizations and businesses, as well as develops partnerships with City of San Francisco departments and agencies to expand workforce training and development opportunities for students. CCSF partners with Mission Hiring Hall as the lead CBO for the CityBuild Academy (construction) CCSF partners with JVS, Goodwill and SF Conservation Corps on the Green Launch Pad.

- CCSF was awarded $1.1 million from the Department of Human Services and the Mayor’s Office of Community Development to provide entry level building and construction trades education, training and job placement in partnership with Community Based Organizations for economically disadvantaged San Franciscans.

- The Office of Workforce and Economic Development received a Trades Adjustment Act Grant to train at least 200 dislocated garment workers in Construction, Hospitality, Horticulture, Child Care, Health Care and Construction. Partnered with Jewish Vocational Services to provide custodial training to displaced garment workers.

- The GIS Center offered classes to City and County employees who work at the Department of Telecommunications and Information Services.
Strategic Priority #3. To continue to respond effectively to the educational and training needs of students and communities related to workforce, economic and community development initiatives.

3.4 Employment for local residents at Mission Bay and Third Street Corridor projects

- CCSF’s CityBuild Academy graduated 327 students between 2006-2009, preparing San Francisco residents for jobs in construction. 283 of those students were placed into construction jobs during that same period, an 87% placement rate into employment. The number of placements for employment in the Mission Bay and Third Street Corridor projects is unknown at this time.