Competent Faculty with advanced degrees, industry certificates, real world experience & teaching expertise offering:

- **Counseling on Training Paths**
  so students get the training they need for the careers they want.

- **Relevant & Practical Courses**
  providing knowledge & skills that are valuable in the job marketplace.

- **Academic Certificate Programs**
  which bundle coursework into packages of knowledge & skill-sets desired by employers.

- **Industry Certificate Programs**
  recognized broadly by employers as training developed by and for competent industry professionals.

- **Associate of Science Degrees**
  demonstrating 2 years of academic accomplishment & training.

- **Matriculation & Transfer**
  to 4-year colleges & universities for further academic development.

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**City College of San Francisco**

**Computer Networking & Information Technology (CNIT)**

**Institute for Convergence of Optical & Network Systems (ICONS)**

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**Training Tomorrow’s Network and IT Technicians Today!**

- **Computer Technicians**
- **Technical Support**
- **Network Technicians**
- **Website Developers**
- **Website Administrators**
- **Routing and Switching**
- **Windows Networking**
- **Fiber Optics**
- **Microsoft**
- **Telecommunications**
- **Wireless Networks**
- **Network Security**
- **E-Commerce**
- **Network Administration**
- **Voice over IP (VoIP)**

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www.ccsf.edu/cnit
ICONS@ccsf.edu
CNIT is developing training for advanced communications technologies utilizing a new state of the art metro fiber network (below).

ICONS partners with industry & the National Science Foundation under Award 0501703.

The Computer Networking and Information Technology (CNIT) Department at City College of San Francisco has been awarded $750,000 over 3 years by the National Science Foundation to develop the Institute for the Convergence of Optical and Networking Systems (ICONS).

Previously separate voice, video and data networks are converging into common IT systems and high-speed fiber optic and Local Area Networks. 21st century IT managers and technicians increasingly manage data, voice & video applications and infrastructure, which were separate specializations in the past. ICONS recognizes those trends and works to align technical training with them.

ICONS is:
- Modernizing the CNIT Department
- Developing New Courses
- Providing Staff Development
- Developing New Certificates
- Expanding Transfer Opportunities
- Developing Seminars & Workshops
- Expanding Marketing Efforts
- Working Closely with Industry
- Expanding Internship & Job Placement Opportunities
- Utilizing College Network & IT Infrastructure to Give Students Real World Experience with Modern Convergence Technologies
- Recruiting Minority Students

Leading Edge Technologies
- Fiber Optics
- High Speed LANs
- High Speed Internet
- Voice over IP Telephony
- Wireless Networking
- High Performance Video