

Career Education

Introduction

The current *Standards for Accreditation of Public Schools* require that secondary educational facilities offer a minimum of three programs of study from three different occupational areas. A list of all approved occupational areas, clusters or pathways, and programs of study is included in this manual to assist school districts, educational planners, and design professionals with anticipating space needs for these requirements.

In order to meet the needs of Career Education programs, adequate laboratory, classroom, storage, and office space is needed. Chapter 5: Program of Requirements [Bracketing] contains a detailed list of the spaces that a District may include when designing a high school facility with Career Education programs and the required size for each space.

It is important to point out that the District should determine the Occupational Areas to be delivered, the associated cluster or pathways, and the programs of study and then proceed to Chapter 5 to complete the Program of Requirement Worksheet. When completing the worksheet, the Project Team should select the laboratory space for each program of study and the related spaces such as offices, tool rooms, and storage needed to serve the laboratory space. Additional information can be found in Chapter 5.

Occupational Areas

Included below is an outline of current career education programs. Each Occupational Area is organized in the following organizational structure.

1. Occupational Area
 - Pathway or Cluster
 - Program of Study

Occupational Areas

1. Agriculture
 - Agriculture, Food, and Natural Resources
 - Agribusiness
 - Agricultural Power, Structural and Technical Systems
 - Agricultural Science - Animal or Plant Systems
 - Horticulture/Plant Systems
 - Natural Resources/Environmental Science Systems
2. Business and Marketing
 - Business Management and Administration
 - Management
 - Office Administration
 - Hospitality and Tourism
 - Hospitality
 - Lodging
 - Information Technology
 - Desktop Publishing
 - Multimedia
 - Programming
 - Finance
 - Accounting
 - Banking and Finance
 - Marketing, Sales, and Service
 - Marketing
3. Family and Consumer Sciences
 - Family and Consumer Science Education
 - Family and Consumer Sciences
 - Education and Training
 - Education and Training
 - Hospitality and Tourism
 - Food Production, Management and Services
 - Facilities Management, Maintenance, and Services
 - Human Services
 - Child Care Guidance, Management and Services
 - Cosmetology

Occupational Areas

4. Architecture and Construction
 - Construction Technology
 - HVACR
5. Arts, A/V Technology and Communications
 - Advertising Design
 - Career Communications
 - Commercial Photography
 - Graphic Communications
 - Performing Arts
 - Radio/TV Broadcasting
6. Government and Public Administration
 - ROTC
7. Health Science
 - Medical Professions Education
8. Law, Public Safety and Security
 - Criminal Justice
9. Manufacturing
 - Electronics
 - Furniture Manufacturing
 - Industrial Equipment Maintenance
 - Machine Tool Repair
 - Major Appliance Repair
 - Welding
10. Science, Technology, Engineering and Mathematics
 - Drafting and Design
 - Computer Engineering
 - Geospatial Technology (GIS)
 - Pre-Engineering
11. Transportation, Distribution, and Logistics
 - Automotive Collision
 - Automotive Services Technology
 - Aviation Mechanics
 - Diesel Mechanics
 - Power Equipment Technology