



## Agribusiness Project Lab/Classroom CE-AG-1

### Features - Fixed Equipment

- Tall wardrobe w/file drawers
- Dry erase board
- Tack board
- Pencil sharpener support
- Sink base cabinet
- Towel dispenser
- Base cabinets
- Tall storage cabinets
- Soap dispenser

Program Description - Program provides instruction in planning, organizing, directing, and controlling the functions of an agricultural business

### Finishes

- Flooring - Carpet
- Optional - All resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Sink

## AG Mechanics Lab Area

### CE-AG-2

#### Features - Fixed Equipment

- Marker board
- Dry erase board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers
- 12'x14' motorized overhead sectional door to exterior
- Steel bollards at overhead door, both sides

#### Finishes

- Flooring - Sealed concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

Program Description - Programs provide instruction in the operations or processes concerned with the selection, operation, maintenance, and use of agricultural power, agricultural machinery and equipment, structures, utilities, soil, and water management.

#### Notes

1. Electrical - Duplex receptacles; multi-level switching; 220-volt receptacles
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Each wash fountains, utility sinks, hose bibs; safety eyewash/shower; compressed air connections; floor drains; trench drain
4. HVAC - Welding local source exhaust; vehicle exhaust system

## Outdoor Covered Work Area CE-AG-3

### Features - Fixed Equipment

- N/A

### Finishes

- Flooring - Concrete
- Base - N/A
- Ceiling - Exposed structure
- Walls - N/A

Program Description - Program provides hands-on skill learning of using various pieces of agricultural equipment

### Notes

1. Electrical - Duplex receptacles

## Outdoor Animal Science Lab CE-AG-4

### Features - Fixed Equipment

- N/A

### Furnishings

- Flooring - Concrete
- Base - N/A
- Ceiling - N/A
- Walls - N/A

Program Description - Program provides instruction in the principles and practices of producing, caring for, and marketing domesticated non-food animals. Examples of careers in this program include veterinary technicians, zookeepers, kennel managers, grooming specialists, pet sales associates, and animal laboratory technicians.

### Notes

1. Electrical - Duplex receptacles
2. Plumbing - Hose bibbs
3. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)



## Food Product Development Project Lab/Classroom CE-AG-5

### Features - Fixed Equipment

- Sink base cabinet
- Towel dispensers
- Soap dispensers
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

Program Description - Program prepares students for providing nourishing meals for themselves and others through buying groceries, organizing and storing of food items, preparation of food items, cleaning and storage of kitchen items, and planning well-balanced meals.

\

### Notes

1. Electrical - Duplex receptacles; multi-level switching
2. Technology - Each video port, data port, voice port and phone
3. HVAC - Localized exhaust at range/oven area
4. Plumbing - Sinks

## Greenhouse CE-AG-6

### Features - Fixed Equipment

- Fixed tables and benches
- Dry erase board
- Tack board
- Tall storage cabinets
- Towel dispensers
- Soap dispensers

Program Description - Program provides instruction on the development and caring of ornamental plants and vegetable crops. Examples of careers in this program include floral design, landscape design, turf grass management, and garden and nursery product sales.

### Finishes

- Flooring - Sealed concrete with drains or gravel
- Base - N/A
- Ceiling - Glass structure - natural ventilation or polycarbonate
- Walls - Glass and painted concrete masonry or polycarbonate

### Notes

1. Electrical - Duplex receptacles; multi-level switching
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Wash fountain; utility sinks, floor drains; trench drain; hose bibs
4. HVAC - Independent ventilation system

## Accounting Instructional Multi-purpose CE-BM-1

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

This purpose of this program is to prepare student to understand the language of business and to be prepared for entry-level Accounting positions and post-secondary coursework in Accounting

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Banking and Business Instructional Multi-purpose CE-BM-2

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

This program is designed to education students with real-world banking and financial situations through a partnership with a local financial institution. This program will also provide students with a foundation for continued education in finance and business administration, specializing in occupations that support banking and financial institutions. Students will be introduced to the role of money, financial markets, financial institutions, and monetary policy in the economy.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Hospitality and Tourism Project Lab/Classroom CE-BM-3

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

This program offers courses that provide coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Hospitality and Tourism career cluster. The program provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Hospitality and Tourism career cluster.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Business Management Instructional Multi-purpose CE-BM-4

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

This program will provide student an overview of the retailing industry from a regional, national and global perspective. Focus will be on key elements within the retail industry including business operations, marketing, sales, supply, and production, merchandising, promotion, selling, analyzing and forecasting sales, operations, and inventory control.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)



## Office and Medical Office Administration Multi-purpose CE-BM-5

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

This program is designed to teach students concepts and skills that will be applied in the management and administration of a medical office. Further, it will focus on careers in the medical office environment, office management skills, patient billing and collections, patient/client service skills, ethics, medical terminology, and health information management.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)



## Marketing Business Enterprise Instructional Multi-purpose CE-BM-6

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - suspended, acoustical
- Walls - Painted concrete masonry units

This program is designed to offer an overview of the American business enterprise system. A study of various forms of ownership, internal organization, management functions, and financing as they relate to business. In addition, there is a focus on the aspects of marketing and managing a small business enterprise; risk management; the use of technology; legal, ethical, and social obligation of businesses; savings and investments; taxes and government.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Digital Marketing Instructional Multi-purpose CE-BM-7

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

This program is designed to teach students concepts and skills that will be applied in the management and administration of a medical office. Further, it will focus on careers in the medical office environment, office management skills, patient billing and collections, patient/client service skills, ethics, medical terminology, and health information management.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Retail Management Instructional Multi-purpose CE-BM-8

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

This purpose of this program is to prepare student to understand the language of business and to be prepared for entry-level Accounting positions and post-secondary coursework in Accounting.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Banking and Finance Instructional Multi-purpose CE-BM-9

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

This program is designed to education students with real-world banking and financial situations through a partnership with a local financial institution. This program will also provide students with a foundation for continued education in finance and business administration, specializing in occupations that support banking and financial institutions. Students will be introduced to the role of money, financial markets, financial institutions, and monetary policy in the economy.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Clothing and Housing Sewing/Area

### CE-FCS-1

#### Features - Fixed Equipment

- Dry erase board
- Tack board
- Base cabinets
- Tall storage cabinets

#### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

This program offers knowledge and necessary industry skills needed in the fashion and interior design career fields. The skills introduced and taught are clothing care and selection, characteristics of natural and synthetic fibers, types of fabric and fabric finishes, laws and regulations related to the clothing and textile industry, use and care of basic sewing supplies and equipment, fabric selection for clothing and housing materials, clothing construction techniques, careers related to the fashion and textile industry.

#### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses; must have enough outlets to support 15-25 sewing machines/embroidery machines and have room to expand
2. Technology - Each video port, data port, voice port and phone

## Clothing and Housing Fitting Room CE-FCS-2

### Features - Fixed Equipment

- Mirror
- Base cabinets

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; single-level switching

## Clothing and Housing Laundry/Area

### CE-FCS-3

#### Features - Fixed Equipment

- Wall storage cabinets
- Hanging bar/rack

#### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

#### Notes

1. Electrical - Duplex receptacles; single-level switching; receptacle for washer and dryer
2. HVAC - Localized exhaust at laundry



## Family and Consumer Sciences Lab/Classroom CE-FCS-4

### Features - Fixed Equipment

- Tall wardrobe with file drawers
- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

This program offers knowledge and necessary industry skills needed in the fashion and interior design career fields. The skills introduced and taught are clothing care and selection, characteristics of natural and synthetic fibers, types of fabric and fabric finishes, laws and regulations related to the clothing and textile industry, use and care of basic sewing supplies and equipment, fabric selection for clothing and housing materials, clothing construction techniques, and careers related to the fashion and textile industry.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Food Prep Lab Area (Kitchen Units) CE-FCS-5

### Features - Fixed Equipment

- Ventilation exhaust hood with fire suppression system
- Sink base cabinets
- Towel dispensers
- Soap dispensers
- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets
- Refrigerators
- Ranges and ovens
- Dishwashers
- Microwave (optional)
- Garbage Disposals (optional)

This program is designed to prepare students for family and work life as well as careers in the family and consumer sciences area. FACS programs provide opportunities to develop knowledge, skills, attitudes, and behaviors that strengthen individuals and families, leading to responsible citizenship leadership, and careers. Programs promote nutrition and wellness, financial literacy, life management skills, and employable soft skills that enable students to function effectively as providers and consumers of goods and services.

### Finishes

- Flooring - Resilient and nonporous
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone
3. HVAC - Localized exhaust at range/oven area
4. Plumbing - Sinks and refrigerators
5. Must be designed to have clear sight lines into all kitchens (not blocked by upper cabinets) for supervision purpose

## Consumer Science Lab/Classroom CE-FCS-6

### Features - Fixed Equipment

- Tall wardrobe
- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - suspended, acoustical
- Walls - Painted concrete masonry units

This program is designed to provide students with information and experiences in the field of education. Students will plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and experience other responsibilities of classroom teachers. Students are involved in observations as well as direct student instruction; placement rotations are utilized to allow students to have experiences in various education career roles, grade levels, subject areas, and ability groups. Upon completion of the course, students should have identified areas of special interest that may be pursued further, have a better understanding of the teaching profession, and have enhanced employability skills which will be of benefit regardless of the occupation or career in which employed.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Education and Training Lab/Classroom CE-FCS-7

### Features - Fixed Equipment

- Tall wardrobe
- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - suspended, acoustical
- Walls - Painted concrete masonry units

This program is designed to provide students with information and experiences in the field of education. Students will plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and experience other responsibilities of classroom teachers. Students are involved in observations as well as direct student instruction; placement rotations are utilized to allow students to have experiences in various education career roles, grade levels, subject areas, and ability groups. Upon completion of the course, students should have identified areas of special interest that may be pursued further, have a better understanding of the teaching profession, and have enhanced employability skills which will be of benefit regardless of the occupation or career in which employed.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)



## Food Production, Management, and Services Lab/Classroom CE-FCS-8

### Features - Fixed Equipment

- Tall wardrobe
- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

The purpose of the Food Production program is to prepare student to understand and develop competencies related to employability; technology in food production, management, and services; sanitation and safety; nutrition as related to food service; servicing of food; purchasing, receiving, and storing of food supplies; production and management of food; use, care, and storage of large and small commercial foodservice equipment; menu planning; and modified diets.

The Culinary program is designed to expand students' knowledge in the culinary arts profession. The course emphasizes the study of kitchen staples, principles of cooking, soups, stocks and sauces, dairy products, eggs, fruit and vegetables, grains and pasta cookery, meat cookery and principles of baking. Upon completion of this course, students should have attained basic skills needed for entry-level employment in the food service industry, customer relations, purchasing and storage of foods, cooking techniques and principles of baking.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - If classroom is connected to the commercial kitchen space

## Facilities Management, Maintenance, and Services Lab/Classroom CE-FCS-9

### Features - Fixed Equipment

- Ventilation exhaust hood with fire suppression system
- Sink base cabinet
- Towel dispensers
- Soap Dispensers
- Hand washing sink
- Three compartment sink
- Tack board
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Resilient and nonporous
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

The purpose of the Food Production program is to prepare student to understand and develop competencies related to employability; technology in food production, management, and services; sanitation and safety; nutrition as related to food service; servicing of food; purchasing, receiving, and storing of food supplies; production and management of food; use, care, and storage of large and small commercial foodservice equipment; menu planning; and modified diets.

The Culinary program is designed to expand students' knowledge in the culinary arts profession. The course emphasizes the study of kitchen staples, principles of cooking, soups, stocks and sauces, dairy products, eggs, fruit and vegetables, grains and pasta cookery, meat cookery and principles of baking. Upon completion of this course, students should have attained basic skills needed for entry-level employment in the foodservice industry, customer relations, purchasing and storage of foods, cooking techniques and principles of baking.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone;
3. HVAC - Localized exhaust at range/oven area
4. Plumbing - Sinks
5. Must be designed to have clear sight lines into all kitchens (not blocked by upper cabinets) for supervision purposes)

## Child Care Guidance, Management, and Services Classroom/Lab CE-FCS-10

### Features - Fixed Equipment

- Tall wardrobe
- Dry erase board
- Tack boards
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

This program is designed to provide students with information and experiences in the occupational field of childcare guidance, management and services. Employment opportunities include childcare and guidance, early childhood education, foster care, family day care, and teacher assistants. Emphasis in this course is given to development of competencies related to FCCLA, employability, understanding the child care profession, child development, health and safety of children, guiding children's behavior, guiding special needs children, planning and management of a child care program and facility, and the effect of technology in child care and guidance management and services. Upon successful completion of this course, students may apply for state certification as childcare teacher, childcare assistant, or childcare aide. The level of certification depends on the number of FACS courses taken in the childcare program of study.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)



## Construction Technology Lab CE-ARC-1

### Features - Fixed Equipment

- 12'x14' motorized overhead sectional door to exterior
- Steel bollards at overhead door, both sides
- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers

### Finishes

- Flooring - Sealed Concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

Program Description - Program provides instruction in mathematical and scientific principles and technical skills in support of the design, development, and use of integrated manufacturing systems. Includes problem solving in design, testing, systems logistics, material flow, and the calibration and maintenance of instruments

### Notes

1. Electrical - Duplex receptacles; multi-level switching; 220- volt receptacles
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Wash fountains, utility sinks, hose bibs; safety eyewash/shower; compressed air connections; floor drains; trench drain
4. HVAC - Welding hood and exhaust



## HVACR Lab CE-ARC-2

### Features - Fixed Equipment

- 12'x14' motorized overhead sectional door to exterior  
Steel bollards at overhead door, both sides
- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers

Program Description - Program allows students to become proficient in the installation, repair, and maintenance of air-conditioning systems. Include is instruction related to electrical principles, electric motors, controls, refrigeration, piping systems, and heating and air-conditioning principles and practices.

### Finishes

- Flooring - Sealed Concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; 220 volt receptacles; 277 volt receptacles; 408 volt receptacles
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Each wash fountains, utility sinks, hose bibs; safety eyewash/shower; compressed air connections; floor drains; trench drain
4. HVAC - Welding hood and exhaust



## Architectural CAD Lab CE-ARC-3

### Features - Fixed Equipment

- 12'x14' motorized overhead sectional door to exterior
- Steel bollards at overhead door, both sides
- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support

### Finishes

- Flooring - Sealed concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

Program Description - Program provides instruction in mathematical and scientific principles and technical skills in support of the design, development, and use of integrated manufacturing systems. Includes problem solving in design, testing, systems logistics, material flow, and the calibration and maintenance of instruments.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; 220 volt receptacles
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Each wash fountains, utility sinks, hose bibs; safety eyewash/shower; compressed air connections; floor drains; trench drain

## Engineering CAD Lab CE-ARC-4

### Features - Fixed Equipment

- 12'x14' motorized overhead sectional door to exterior
- Steel bollards at overhead door, both sides
- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support

### Finishes

- Flooring - Sealed Concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

Program focuses on the knowledge and skills required to produce advanced level engineering drawings. Emphasis is given to putting into practice real world experience related to solving problems that require the individual to understand and use various engineering software and techniques.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; 220- volt receptacles
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Drafting and Design Lab CE-ARC-5

### Features - Fixed Equipment

- Tall wardrobe w/file drawers
- Marker board
- Tack board
- Pencil sharpener support
- Base and wall cabinets
- Tall storage cabinets
- Windows with integral blinds

Program Description - Learning experiences include theory, lab, and shop work, as it relates to the gathering and translation of data or specifications; and the planning, preparation, and interpretation of mechanical and/or architectural drawings and sketches

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)



## Pre-Engineering Lab CE-ARC-6

### Features - Fixed Equipment

- Tall wardrobe w/file drawers
- Marker board
- Tack board
- Pencil sharpener support
- Base and wall cabinets
- Tall storage cabinets

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

Program Description - Program provides instruction in beginning engineering areas. Broad exposure to areas such as civil, industrial, mechanical.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)



## A/V Tech and Film Lab-CE-AV-1

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

This production-based program is designed to allow the audio/video student studio time for the development of skills needed to execute a comprehensive media career.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)





## Radio Lab CE-AV-2

### Features - Fixed Equipment

- Acoustical wall treatment
- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

Program Description - Program involves all concepts related to the radiobroadcasting arena that include radio interviews, news reports, and coverage of sporting and entertainment events.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Television Lab

### CE-AV-3

#### Features - Fixed Equipment

- Acoustical wall treatment
- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

Program Description - Program involves all concepts related to the television-broadcasting arena that include television interviews, news reports, and coverage of sporting and entertainment events.

#### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

#### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Advertising and Graphic Design Lab CE-AV-4

### Features - Fixed Equipment

- Tall wardrobe with file drawers
- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

Program Description - Program involves theory, lab, and shop work for all phases of layout, composition, and presentation of advertising and graphic design documents.

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Photography Production Lab CE-AV-5

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

Program Description - Organized, specialized learning experience that includes theory, laboratory, and studio work as each relates to all phases of camera uses and photographic processing. Instruction includes composition and color dynamics; contact printing and enlarging; film development; airbrush and retouching; coloring; copying; utilization of camera, meters, and other photographic equipment. Areas of study include portrait, commercial, and industry photography, leading to employment as a Commercial Photographer, Airbrush Artist, Camera person (offset printing), Audiovisual Projectionist, and Camera person (broadcasting).

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Plumbing - Safety shower/eyewash
3. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Photography Workroom CE-AV-6

### Features - Fixed Equipment

- Epoxy top sink base cabinets
- Wall cabinets
- Epoxy shelving
- Towel dispenser
- Soap dispenser
- Access via revolving darkroom room

### Notes

1. Electrical - duplex receptacles; single-level switching; keyed fluorescent lighting
2. Darkroom Lighting on keyed switch
3. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
4. Plumbing - Eyewash; sinks
5. HVAC - Independent ventilation



## ROTC Lab CE-GOV-1

### Features - Fixed Equipment

- Marker board
- Dry erase board
- Tall storage cabinets
- Pencil sharpener support

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

Program Description - Program involves instruction in programs.

### Notes

1. Electrical - Duplex receptacles; multi-level switching
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Med Pro Clinic Area CE-HS-1

### Features - Fixed Equipment

- Marker board
- Dry erase board
- Tall storage cabinets
- Pencil sharpener support
- Sink base cabinets
- Towel dispenser
- Soap dispenser

Program Description - Program involves instruction for direct nursing care. Instruction includes safety and infection control, first aid and COR, legal and ethical responsibilities, treatments and procedures, basic care, and early treatment of disease.

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)E
3. Plumbing - Sinks

## Sports Medicine Clinic Area CE-HS-2

### Features - Fixed Equipment

- Marker board
- Dry erase board
- Tall storage cabinets
- Pencil sharpener support
- Sink base cabinets
- Towel dispenser
- Soap dispenser

Program Description - Program provides students with a general overview of sports medicine that include injury prevention, treatment, rehabilitation, psychosocial, and administration concerns.

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Sinks

## Emergency Preparedness Lab CE-HS-3

### Features - Fixed Equipment

- Marker board
- Dry erase board
- Tall storage cabinets
- Pencil sharpener support
- Sink base cabinets
- Towel dispenser
- Soap dispenser

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

Program Description - Program provides the foundations and hands-on training that includes, but is not limited to, health, safety, and situational awareness; personal protective equipment; physical fitness; communications; building materials; emergency behavior; fire extinguishers; American Heart Association training; search and rescue; utility ropes and knots ropes; forcible entry, ladders; ventilation; water hose characteristics; fire attach; disaster simulations and Candidate Physical Ability Test 1 & 2 (CPAT).

### Notes

1. Electrical - Duplex receptacles; multi-level switching
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Sink

## Biomedical Science Lab CE-HS-4

### Features - Fixed Equipment

- Marker board
- Dry erase board
- Tall storage cabinets
- Pencil sharpener support
- Sink base cabinets
- Towel dispenser
- Soap dispenser

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

Program Description - Program involves the study of human medicine, research processes, bioinformatics, and the use of computer science, mathematics, and information theory to model and analyze biological systems. Program investigates the human body systems and various healthy conditions including heart disease, diabetes, sickle-cell disease, hypercholestrerolemia, and infectious diseases.

### Notes

1. Electrical - Duplex receptacles; multi-level switching
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Sinks



## Criminal Justice Lab (Forensic) CE-LAW-1

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Sink base cabinets
- Towel dispenser
- Soap dispenser
- Windows with integral blinds

Program Description - Program involves training designed to assist the police department in solving a case hypotheses, and keeping good records of everything is essential.

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Sinks

## Industrial Equipment Lab CE-MAN-1

### Features - Fixed Equipment

- 12'x14' motorized overhead sectional door to exterior
- Steel bollards at overhead door, both sides
- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers

Program Description - Program instruction of the maintenance of machinery and mechanical equipment of an industrial plant or factory. Inspection, disassembly, repair, and reassembly machines and equipment is included in the training experience.

### Finishes

- Flooring - Sealed concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; high-intensity lighting; 208b 3-phase service; 480v 3-phase service; 220v receptacles
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Wash fountain; trench drain; safety eyewash/shower; floor drains, utility sinks, hose bibbs; compressed air connections
4. HVAC - Welding hood and exhaust

## Major Appliance Repair Lab CE-MAN-2

### Features - Fixed Equipment

- 12'x14' motorized overhead sectional door to exterior
- Steel bollards at overhead door, both sides
- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers

Program Description - Program instruction teaches the theory of electrical circuitry, simple gearing, linkages, and lubrication in the operation, maintenance, and repair of components.

### Finishes

- Flooring - Sealed concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; high-intensity lighting; 208b 3-phase service; 480v 3-phase service; 220v receptacles
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Wash fountain; trench drain; safety eyewash/shower; floor drains, utility sinks, hose bibbs; compressed air connections

## Electronics Lab CE-MAN-3

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Base and wall cabinets
- Tall storage cabinets
- Pencil sharpener support
- Windows with integral blinds

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

Program Description - Students learn construction, maintenance, and repair of digital, analog, and microprocessor circuits in applications such as communications equipment, consumer equipment, and industrial equipment.

### Notes

1. Electrical: Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Advanced Manufacturing Lab CE-MAN-4

### Features - Fixed Equipment

- 12'x14' motorized overhead sectional door to exterior
- Steel bollards at overhead door, both sides
- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers

This program provides the student time to build skills and knowledge of the manufacturing industry through a series of progressive exercises that cover a broad range of products.

### Finishes

- Flooring - Sealed concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; high-intensity lighting
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Wash fountain; trench drain; safety eyewash/shower; floor drains, utility sinks, hose bibbs; compressed air connections
4. HVAC - Dust collection system



## Machine Tool Lab CE-MAN-5

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers
- 12'x14' motorized overhead sectional door to exterior
- Steel bollards at overhead door, both sides

### Finishes

- Flooring - Sealed concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

Program Description - Program instruction through classroom and shop learning experiences for all aspects of shaping metal parts. Involves making computations relating to work dimensions, tooling, feeds, and speeds of machinery. Includes work on the bench, lathes, shapers, milling machines, grinders, drills, and gauges.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; high-intensity lighting; 208b 3-phase service; 480v 3-phase service; 220v receptacles
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Wash fountain; trench drain; safety eyewash/shower; floor drains, utility sinks, hose bibbs; compressed air connections

## Welding Lab CE-MAN-5

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers
- 12'x14' motorized overhead sectional door to exterior
- Steel bollards at overhead door, both sides
- Overhead hoist crane

Program Description - Program instruction includes all types of metal welding, brazing, and flame cutting. Instruction includes properties of metals, blueprint reading, electrical principles, and mechanical drawing.

### Finishes

- Flooring - Sealed concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; high-intensity lighting; 220v receptacles; 480v 3 phase service
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Wash fountain; trench drain; safety eyewash/shower; floor drains, utility sinks, hose bibbs; compressed air connections
4. HVAC - Welding hood and exhaust

## Automotive Collision Repair Lab CE-TDL-1

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers
- 12'x14' motorized overhead sectional door to exterior
- Steel bollards at overhead door, both sides
- Paint booth
- Paint prep station
- Paint mixing station
- 1 Car lifts
- 1 Frame racks

Program Description - Programs provide instruction of all phases of the repair of damaged bodies and fenders. Includes metal straightening by hammering; smoothing areas by filing, grinding, or sanding; concealment of imperfections; painting; and replacement of body components, including trim.

### Finishes

Flooring - Sealed concrete

- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; 220- volt receptacles; high-intensity lighting
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Wash fountains, utility sinks, hose bibs; safety eyewash/shower; compressed air connections; floor drains; trench drain
4. HVAC - Paint booth supply and exhaust system

## Automotive Service Technology Lab CE-TDL-2

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers
- 12'x14' motorized overhead sectional door to exterior
- Steel bollards at overhead door, both sides
- Paint booth
- Paint prep station
- Paint mixing station
- Car lifts
- Frame racks

Program Description - Programs provide instruction of all components of the vehicle, including engine, transmissions, steering, suspension, brakes, and electrical/electronic systems. Includes training through the use of diagnostic and testing equipment used in the repair process.

### Finishes

- Flooring - Sealed concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; 220- volt receptacles; high-intensity lighting
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Wash fountains, utility sinks, hose bibs; safety eyewash/shower; compressed air connections; (4) floor drains; trench drain
4. HVAC - Vehicle exhaust system

## Aviation Mechanics Lab CE-TDL-3

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers
- 35'x45' motorized overhead door
- Steel bollards at overhead door, both sides
- 

### Finishes

- Flooring - Sealed concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

Program Description - Classroom and lab learning experiences for the inspection, repair, servicing, and overhauling of all airplane parts, including engines, propellers, instruments, airframes, fuel and oil tanks, control cables, and hydraulic units.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; 220- volt receptacles; high-intensity lighting
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - wash fountains, utility sinks; (3) hose bibs; safety eyewash/shower; compressed air connections; floor drains; trench drain
4. HVAC - vehicle exhaust system



## Aviation Technology Lab CE-TDL-4

### Features - Fixed Equipment

- Tall wardrobe w/file drawers
- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

Program Description - Program provides instruction in avionics, which includes computer experience in determining wind and weather information.

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)



## Diesel Mechanics Lab CE-TDL-5

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers
- 12'x45' motorized overhead door
- Steel bollards at overhead door, both sides
- 1 Truck lifts
- 1 Frame racks

Program Description - Program prepares individuals in the service and repair of truck vehicles. Instruction includes diagnosis, maintenance, and repair of diesel engines; including the drive train, suspension, brakes, hydraulic units, cooling systems, and electrical systems.

### Finishes

- Flooring - Sealed concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; 220- volt receptacles; high-intensity lighting
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Wash fountains, utility sinks, hose bibs; safety eyewash/shower; compressed air connections; floor drains; trench drain
4. HVAC - Vehicle exhaust system

## Power Equipment Technology Lab CE-TDL-6

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers
- 12'x14' motorized overhead door
- Steel bollards at overhead door, both

### Finishes

- Flooring - Sealed concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

Program Description - Program prepares individuals in the service and repair of portable power equipment, e.g., lawnmowers, motorboats, chainsaws, and rototillers. Includes principles of internal-combustion engine operation, reading technical manuals, and customer relations.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; 220- volt receptacles; high-intensity lighting
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Wash fountains, utility sinks, hose bibs; safety eyewash/shower; compressed air connections; floor drains; trench drain
4. HVAC - Welding hood and exhaust

## Unmanned Aerial Systems CE-ENG-3

### Features - Fixed Equipment

- Tall wardrobe w/file drawers
- Marker board
- Interactive board (e.g. SMART board, Promethean board)
- Tack board
- Pencil sharpener support
- Base and wall cabinets
- Tall storage cabinets
- Windows with integral blinds

Program Description - Program provides instruction designed to prepare a person to gain entry level experiences in unmanned aerial stems.

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Automation and Robotics CE-ENG-4

### Features - Fixed Equipment

- Tall wardrobe w/file drawers
- Marker board
- Interactive board (e.g. SMART board, Promethean board)
- Tack board
- Pencil sharpener support
- Base and wall cabinets
- Tall storage cabinets
- Windows with integral blinds

Program Description - Program provides students the opportunity to identify and investigate different types of robotics systems.

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Engineering CAD Lab CE-ARC-4

### Features - Fixed Equipment

- 12'x14' motorized overhead sectional door to exterior
- Steel bollards at overhead door, both sides
- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support

### Finishes

- Flooring - Sealed Concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

Program focuses on the knowledge and skills required to produce advanced level engineering drawings. Emphasis is given to putting into practice real world experience related to solving problems that require the individual to understand and use various engineering software and techniques.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; 220- volt receptacles
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Drafting and Design Lab CE-ARC-5

### Features - Fixed Equipment

- Tall wardrobe w/file drawers
- Marker board
- Tack board
- Pencil sharpener support
- Base and wall cabinets
- Tall storage cabinets
- Windows with integral blinds

Program Description - Learning experiences include theory, lab, and shop work, as it relates to the gathering and translation of data or specifications; and the planning, preparation, and interpretation of mechanical and/or architectural drawings and sketches

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)





## Pre-Engineering Lab CE-ARC-6

### Features - Fixed Equipment

- Tall wardrobe w/file drawers
- Marker board
- Tack board
- Pencil sharpener support
- Base and wall cabinets
- Tall storage cabinets

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

Program Description - Program provides instruction in beginning engineering areas. Broad exposure to areas such as civil, industrial, mechanical.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## A/V Tech and Film Lab-CE-AV-1

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

This production-based program is designed to allow the audio/video student studio time for the development of skills needed to execute a comprehensive media career.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)



## Radio Lab CE-AV-2

### Features - Fixed Equipment

- Acoustical wall treatment
- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

Program Description - Program involves all concepts related to the radiobroadcasting arena that include radio interviews, news reports, and coverage of sporting and entertainment events.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Television Lab

### CE-AV-3

#### Features - Fixed Equipment

- Acoustical wall treatment
- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

Program Description - Program involves all concepts related to the television-broadcasting arena that include television interviews, news reports, and coverage of sporting and entertainment events.

#### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

#### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Advertising and Graphic Design Lab CE-AV-4

### Features - Fixed Equipment

- Tall wardrobe with file drawers
- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

Program Description - Program involves theory, lab, and shop work for all phases of layout, composition, and presentation of advertising and graphic design documents.

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Photography Production Lab CE-AV-5

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Base cabinets
- Tall storage cabinets

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

Program Description - Organized, specialized learning experience that includes theory, laboratory, and studio work as each relates to all phases of camera uses and photographic processing. Instruction includes composition and color dynamics; contact printing and enlarging; film development; airbrush and retouching; coloring; copying; utilization of camera, meters, and other photographic equipment. Areas of study include portrait, commercial, and industry photography, leading to employment as a Commercial Photographer, Airbrush Artist, Camera person (offset printing), Audiovisual Projectionist, and Camera person (broadcasting).

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Plumbing - Safety shower/eyewash
3. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)



## Photography Workroom CE-AV-6

### Features - Fixed Equipment

- Epoxy top sink base cabinets
- Wall cabinets
- Epoxy shelving
- Towel dispenser
- Soap dispenser
- Access via revolving darkroom room

### Notes

1. Electrical - duplex receptacles; single-level switching; keyed fluorescent lighting
2. Darkroom Lighting on keyed switch
3. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
4. Plumbing - Eyewash; sinks
5. HVAC - Independent ventilation

## ROTC Lab CE-GOV-1

### Features - Fixed Equipment

- Marker board
- Dry erase board
- Tall storage cabinets
- Pencil sharpener support

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

Program Description - Program involves instruction in programs.

### Notes

1. Electrical - Duplex receptacles; multi-level switching
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Med Pro Clinic Area CE-HS-1

### Features - Fixed Equipment

- Marker board
- Dry erase board
- Tall storage cabinets
- Pencil sharpener support
- Sink base cabinets
- Towel dispenser
- Soap dispenser

Program Description - Program involves instruction for direct nursing care. Instruction includes safety and infection control, first aid and COR, legal and ethical responsibilities, treatments and procedures, basic care, and early treatment of disease.

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)E
3. Plumbing - Sinks

## Sports Medicine Clinic Area CE-HS-2

### Features - Fixed Equipment

- Marker board
- Dry erase board
- Tall storage cabinets
- Pencil sharpener support
- Sink base cabinets
- Towel dispenser
- Soap dispenser

Program Description - Program provides students with a general overview of sports medicine that include injury prevention, treatment, rehabilitation, psychosocial, and administration concerns.

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Sinks

## Emergency Preparedness Lab CE-HS-3

### Features - Fixed Equipment

- Marker board
- Dry erase board
- Tall storage cabinets
- Pencil sharpener support
- Sink base cabinets
- Towel dispenser
- Soap dispenser

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

Program Description - Program provides the foundations and hands-on training that includes, but is not limited to, health, safety, and situational awareness; personal protective equipment; physical fitness; communications; building materials; emergency behavior; fire extinguishers; American Heart Association training; search and rescue; utility ropes and knots ropes; forcible entry, ladders; ventilation; water hose characteristics; fire attach; disaster simulations and Candidate Physical Ability Test 1 & 2 (CPAT).

### Notes

1. Electrical - Duplex receptacles; multi-level switching
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Sink

## Biomedical Science Lab CE-HS-4

### Features - Fixed Equipment

- Marker board
- Dry erase board
- Tall storage cabinets
- Pencil sharpener support
- Sink base cabinets
- Towel dispenser
- Soap dispenser

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

Program Description - Program involves the study of human medicine, research processes, bioinformatics, and the use of computer science, mathematics, and information theory to model and analyze biological systems. Program investigates the human body systems and various healthy conditions including heart disease, diabetes, sickle-cell disease, hypercholestrerolemia, and infectious diseases.

### Notes

1. Electrical - Duplex receptacles; multi-level switching
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Sinks



## Criminal Justice Lab (Forensic) CE-LAW-1

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Sink base cabinets
- Towel dispenser
- Soap dispenser
- Windows with integral blinds

Program Description - Program involves training designed to assist the police department in solving a case hypotheses, and keeping good records of everything is essential.

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Sinks

## Industrial Equipment Lab CE-MAN-1

### Features - Fixed Equipment

- 12'x14' motorized overhead sectional door to exterior
- Steel bollards at overhead door, both sides
- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers

Program Description - Program instruction of the maintenance of machinery and mechanical equipment of an industrial plant or factory. Inspection, disassembly, repair, and reassembly machines and equipment is included in the training experience.

### Finishes

- Flooring - Sealed concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; high-intensity lighting; 208b 3-phase service; 480v 3-phase service; 220v receptacles
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Wash fountain; trench drain; safety eyewash/shower; floor drains, utility sinks, hose bibbs; compressed air connections
4. HVAC - Welding hood and exhaust

## Major Appliance Repair Lab CE-MAN-2

### Features - Fixed Equipment

- 12'x14' motorized overhead sectional door to exterior
- Steel bollards at overhead door, both sides
- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers

Program Description - Program instruction teaches the theory of electrical circuitry, simple gearing, linkages, and lubrication in the operation, maintenance, and repair of components.

### Finishes

- Flooring - Sealed concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; high-intensity lighting; 208b 3-phase service; 480v 3-phase service; 220v receptacles
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Wash fountain; trench drain; safety eyewash/shower; floor drains, utility sinks, hose bibbs; compressed air connections

## Electronics Lab CE-MAN-3

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Base and wall cabinets
- Tall storage cabinets
- Pencil sharpener support
- Windows with integral blinds

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

Program Description - Students learn construction, maintenance, and repair of digital, analog, and microprocessor circuits in applications such as communications equipment, consumer equipment, and industrial equipment.

### Notes

1. Electrical: Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Advanced Manufacturing Lab CE-MAN-4

### Features - Fixed Equipment

- 12'x14' motorized overhead sectional door to exterior
- Steel bollards at overhead door, both sides
- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers

This program provides the student time to build skills and knowledge of the manufacturing industry through a series of progressive exercises that cover a broad range of products.

### Finishes

- Flooring - Sealed concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; high-intensity lighting
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Wash fountain; trench drain; safety eyewash/shower; floor drains, utility sinks, hose bibbs; compressed air connections
4. HVAC - Dust collection system

## Machine Tool Lab CE-MAN-5

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers
- 12'x14' motorized overhead sectional door to exterior
- Steel bollards at overhead door, both sides

### Finishes

- Flooring - Sealed concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

Program Description - Program instruction through classroom and shop learning experiences for all aspects of shaping metal parts. Involves making computations relating to work dimensions, tooling, feeds, and speeds of machinery. Includes work on the bench, lathes, shapers, milling machines, grinders, drills, and gauges.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; high-intensity lighting; 208b 3-phase service; 480v 3-phase service; 220v receptacles
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Wash fountain; trench drain; safety eyewash/shower; floor drains, utility sinks, hose bibbs; compressed air connections



## Welding Lab CE-MAN-5

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers
- 12'x14' motorized overhead sectional door to exterior
- Steel bollards at overhead door, both sides
- Overhead hoist crane

Program Description - Program instruction includes all types of metal welding, brazing, and flame cutting. Instruction includes properties of metals, blueprint reading, electrical principles, and mechanical drawing.

### Finishes

- Flooring - Sealed concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; high-intensity lighting; 220v receptacles; 480v 3 phase service
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Wash fountain; trench drain; safety eyewash/shower; floor drains, utility sinks, hose bibbs; compressed air connections
4. HVAC - Welding hood and exhaust

## Automotive Collision Repair Lab CE-TDL-1

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers
- 12'x14' motorized overhead sectional door to exterior
- Steel bollards at overhead door, both sides
- Paint booth
- Paint prep station
- Paint mixing station
- 1 Car lifts
- 1 Frame racks

Program Description - Programs provide instruction of all phases of the repair of damaged bodies and fenders. Includes metal straightening by hammering; smoothing areas by filing, grinding, or sanding; concealment of imperfections; painting; and replacement of body components, including trim.

### Finishes

Flooring - Sealed concrete

- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; 220- volt receptacles; high-intensity lighting
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Wash fountains, utility sinks, hose bibs; safety eyewash/shower; compressed air connections; floor drains; trench drain
4. HVAC - Paint booth supply and exhaust system

## Automotive Service Technology Lab CE-TDL-2

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers
- 12'x14' motorized overhead sectional door to exterior
- Steel bollards at overhead door, both sides
- Paint booth
- Paint prep station
- Paint mixing station
- Car lifts
- Frame racks

Program Description - Programs provide instruction of all components of the vehicle, including engine, transmissions, steering, suspension, brakes, and electrical/electronic systems. Includes training through the use of diagnostic and testing equipment used in the repair process.

### Finishes

- Flooring - Sealed concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; 220- volt receptacles; high-intensity lighting
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Wash fountains, utility sinks, hose bibs; safety eyewash/shower; compressed air connections; (4) floor drains; trench drain
4. HVAC - Vehicle exhaust system

## Aviation Mechanics Lab CE-TDL-3

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers
- 35'x45' motorized overhead door
- Steel bollards at overhead door, both sides
- 

### Finishes

- Flooring - Sealed concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

Program Description - Classroom and lab learning experiences for the inspection, repair, servicing, and overhauling of all airplane parts, including engines, propellers, instruments, airframes, fuel and oil tanks, control cables, and hydraulic units.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; 220- volt receptacles; high-intensity lighting
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - wash fountains, utility sinks; (3) hose bibs; safety eyewash/shower; compressed air connections; floor drains; trench drain
4. HVAC - vehicle exhaust system

## Aviation Technology Lab CE-TDL-4

### Features - Fixed Equipment

- Tall wardrobe w/file drawers
- Dry erase board
- Tack board
- Pencil sharpener support
- Base cabinets
- Tall storage cabinets

Program Description - Program provides instruction in avionics, which includes computer experience in determining wind and weather information.

### Finishes

- Flooring - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)



## Diesel Mechanics Lab CE-TDL-5

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers
- 12'x45' motorized overhead door
- Steel bollards at overhead door, both sides
- 1 Truck lifts
- 1 Frame racks

Program Description - Program prepares individuals in the service and repair of truck vehicles. Instruction includes diagnosis, maintenance, and repair of diesel engines; including the drive train, suspension, brakes, hydraulic units, cooling systems, and electrical systems.

### Finishes

- Flooring - Sealed concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; 220- volt receptacles; high-intensity lighting
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Wash fountains, utility sinks, hose bibs; safety eyewash/shower; compressed air connections; floor drains; trench drain
4. HVAC - Vehicle exhaust system



## Power Equipment Technology Lab CE-TDL-6

### Features - Fixed Equipment

- Dry erase board
- Tack board
- Tall storage cabinets
- Pencil sharpener support
- Towel dispensers
- Soap dispensers
- 12'x14' motorized overhead door
- Steel bollards at overhead door, both

### Finishes

- Flooring - Sealed concrete
- Base - Resilient base
- Ceiling - Painted, exposed structure
- Walls - Painted concrete masonry units

Program Description - Program prepares individuals in the service and repair of portable power equipment, e.g., lawnmowers, motorboats, chainsaws, and rototillers. Includes principles of internal-combustion engine operation, reading technical manuals, and customer relations.

### Notes

1. Electrical - Duplex receptacles; multi-level switching; 220- volt receptacles; high-intensity lighting
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)
3. Plumbing - Wash fountains, utility sinks, hose bibs; safety eyewash/shower; compressed air connections; floor drains; trench drain
4. HVAC - Welding hood and exhaust

## Unmanned Aerial Systems CE-ENG-3

### Features - Fixed Equipment

- Tall wardrobe w/file drawers
- Marker board
- Interactive board (e.g. SMART board, Promethean board)
- Tack board
- Pencil sharpener support
- Base and wall cabinets
- Tall storage cabinets
- Windows with integral blinds

Program Description - Program provides instruction designed to prepare a person to gain entry level experiences in unmanned aerial stems.

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Video port, data port, voice port and phone; classroom area network (26 ports minimum)

## Automation and Robotics CE-ENG-4

### Features - Fixed Equipment

- Tall wardrobe w/file drawers
- Marker board
- Interactive board (e.g. SMART board, Promethean board)
- Tack board
- Pencil sharpener support
- Base and wall cabinets
- Tall storage cabinets
- Windows with integral blinds

Program Description - Program provides students the opportunity to identify and investigate different types of robotics systems.

### Finishes

- Flooring - Carpet
- Optional - Resilient
- Base - Resilient base
- Ceiling - Suspended, acoustical
- Walls - Painted concrete masonry units

### Notes

1. Electrical - Duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology - Each video port, data port, voice port and phone; classroom area network (26 ports minimum)