

Electronics Lab CE-MAN-1

Features - Fixed Equipment

Chalk/marker Marker board
Tack board
Base and wall cabinets
Tall storage cabinets
Pencil sharpener support
Windows with integral blinds

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.

Features - Loose Furnishings

Worktables with storage below
Stools or chairs
Wastebasket
Pencil sharpener

Finishes:

Flooring - Carpet
Optional - Resilient

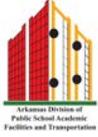
Base - Resilient base

Ceiling - Painted, exposed structure

Walls - Painted concrete masonry units

Notes

1. Electrical: duplex receptacles; multi-level switching; fluorescent lighting-parabolic lenses
2. Technology: video port, voice port and phone, data port (26) data ports; clock; overhead projector



Furniture Manufacturing Lab CE-MAN-2

Features - Fixed Equipment

Chalk/~~marker~~ Marker board
Tack board
Tall storage cabinets
Pencil sharpener support
Towel dispensers
Soap dispensers
12'x14' motorized overhead sectional door to exterior
3'x7' hollow metal mandoor to exterior
Steel bollards at overhead door, both sides

Program Description - Program instruction includes the mass production of products such as window frames, molding, trims, and panels; as well as the manufacturing of furniture, store fixtures, office furnishings. Students will learn to read blueprints, the identification and selection of woods and finishes; cutting, shaping, and assembling parts by using hand tools and woodworking machines; installing hardware; and refinishing furniture.

Features - Loose Furnishings

Worktables with heavy-duty wooden tops
Stools or chairs
Wastebasket
Pencil sharpener

Finishes:

Flooring - Sealed concrete

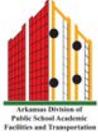
Base - Resilient base

Ceiling - Painted, exposed structure

Walls - Painted concrete masonry units

Notes

1. Electrical - duplex receptacles; multi-level switching; high-intensity lighting
2. Technology - video port, voice port and phone; data ports; clock
3. Plumbing - washfountain; trench drain; safety eyewash/shower; floor drains, utility sinks, hose bibbs; compressed air connections
4. HVAC - dust collection system



Industrial Equipment Lab CE-MAN-3

Features - Fixed Equipment

Chalk/marker ~~Marker~~ board
Tack board
Tall storage cabinets
Pencil sharpener support
Towel dispensers
Soap dispensers
12'x14' motorized overhead sectional door to exterior
3'x7' hollow metal mandoor to exterior
Steel bollards at overhead door, both sides

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

Features - Loose Furnishings

Worktables with heavy-duty wooden tops
Stools or chairs
Wastebasket
Pencil sharpener

Finishes:

Flooring - Sealed concrete

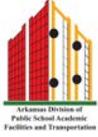
Base - Resilient base

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 - video port, voice port and phone; data ports; clock
3. Plumbing - washfountain; trench drain; safety eyewash/shower; floor drains, utility sinks, hose bibbs; compressed air connections
4. HVAC - welding hood and exhaust



Machine Tool Lab CE-MAN-4

Features - Fixed Equipment

Chalk/marker Marker board
Tack board
Tall storage cabinets
Pencil sharpener support
Towel dispensers
Soap dispensers
12'x14' motorized overhead sectional door to exterior
3'x7' hollow metal mandoor to exterior
Steel bollards at overhead door, both sides

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.

Features - Loose Furnishings

Worktables with heavy-duty wooden tops
Stools or chairs
Wastebasket
Pencil sharpener

Finishes:

Flooring - Sealed concrete

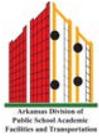
Base - Resilient base

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 - video port, voice port and phone; data ports; clock
3. Plumbing - washfountain; trench drain; safety eyewash/shower; floor drains, utility sinks, hose bibbs; compressed air connections



Appliance Repair Lab CE-MAN-5

Features - Fixed Equipment

Chalk/~~marker~~ Marker board
Tack board
Tall storage cabinets
Pencil sharpener support
Towel dispensers
Soap dispensers
12'x14' motorized overhead sectional door to exterior
3'x7' hollow metal mandoor to exterior
Steel bollards at overhead door, both sides

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

Features - Loose Furnishings

Worktables with heavy-duty wooden tops
Stools or chairs
Wastebasket
Pencil sharpener

Finishes:

Flooring - Sealed concrete

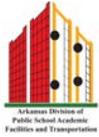
Base - Resilient base

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 - video port, voice port and phone; data ports; clock
3. Plumbing - washfountain; trench drain; safety eyewash/shower; floor drains, utility sinks, hose bibbs; compressed air connections



Welding Lab CE-MAN-6

Features - Fixed Equipment

Chalk/marker Marker board
Tack board
Tall storage cabinets
Pencil sharpener support
Towel dispensers
Soap dispensers
12'x14' motorized overhead sectional door to exterior
3'x7' hollow metal mandoor 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.

Features - Loose Furnishings

Worktables with heavy-duty wooden tops
Stools or chairs
Wastebasket
Pencil sharpener
Steel tube storage rack
Sheet steel storage rack

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 - video port, voice port and phone; data ports; clock
3. Plumbing - washfountain; trench drain; safety eyewash/shower; floor drains, utility sinks, hose bibbs; compressed air connections
4. HVAC - welding hood and exhaust

Classroom CE-MAN-7

Features - Fixed Equipment

- F1 Tall wardrobe w/file drawers
- F2 Chalk/marker Marker board
- F3 Tack board
- F4 Base & wall cabinets
- F5 Pencil sharpener support
- F6 Windows with integral blinds

Features - Loose Furnishings

- Student desks and chairs
- Computer workstation furniture
- Teacher workstation/computer support and chair
- File cabinet
- Low bookcases (fixed or mobile)
- Wastebasket
- Pencil sharpener
- Instructional microscope
- Media cart

Finishes:

- Flooring - Carpet
- Optional - Resilient

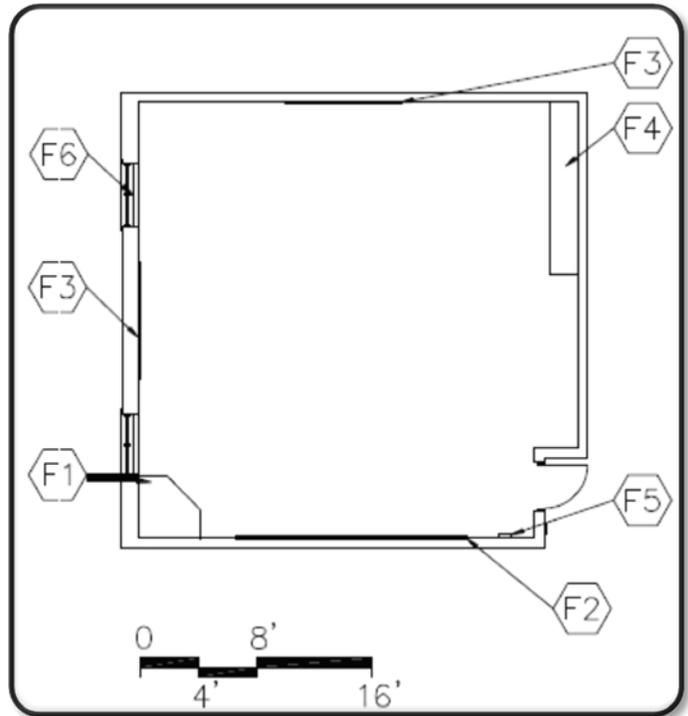
Base - Resilient base

Ceiling - Suspended, acoustical

Walls - Painted concrete masonry units

Notes

1. Electrical - duplex receptacles; multi-level switching
2. Technology - video port, data port, voice port & phone; data ports for students; clock; LCD projector; printer; scanner; video camera; television with supports; VCR or DVD player



Office CE-MAN-8

Features - Fixed Equipment

- F1 Work surface with file drawers
- F2 Chalk/marker Marker board
- F3 Tack board
- F4 Tall wardrobe
- F5 Wall cabinets

Features - Loose Furnishings

- Desk and chair
- Computer desk return
- Visitor chairs
- Wastebasket

Finishes:

Flooring - Carpet

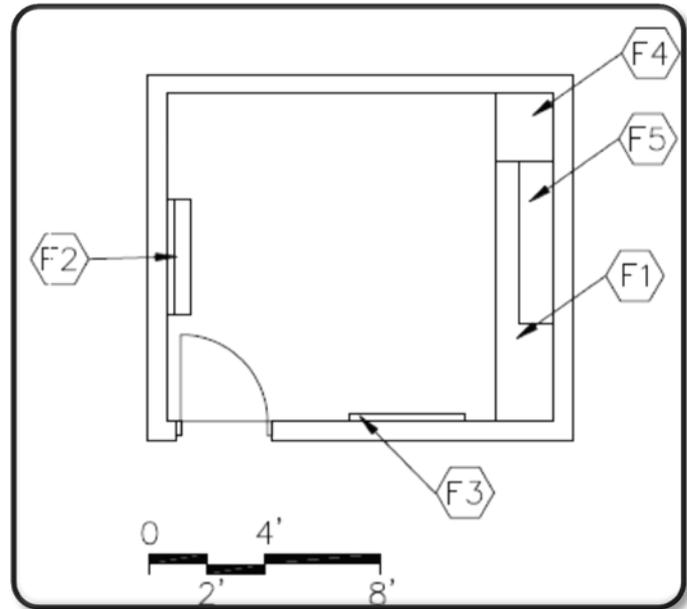
Base - Resilient base

Ceiling - Suspended, acoustical

Walls - Painted gypsum wallboard over metal studs

Notes

1. Electrical - duplex receptacles; single-level switching
2. Technology - data port, video port, voice port & phone; clock



Storage CE-MAN-9

Features - Fixed Equipment

F1 Open metal shelving

Features - Loose Furnishings

N/A

Finishes:

Flooring - Sealed concrete

Base - Resilient base

Ceiling - Suspended, acoustical or painted, exposed structure

Walls - Painted concrete masonry units

Notes

1. Electrical - duplex receptacles; single-level switching

