

VOCATIONAL EDUCATION PROGRAM

Production Technology

I. PROGRAM REQUIREMENTS

Refer to the project-specific Schedule of Spaces for student stations, square footage, and for any requirements that may differ from the prototype requirements listed below:

- 1 Laboratory
- 1 Material Storage Room
- 1 Project Storage Room

II. PROGRAM FURNITURE AND EQUIPMENT

Refer to the Furniture and Equipment List for Owner-provided furniture and equipment.

III. SPECIAL CONSIDERATIONS

- Heating/Ventilation/Air Conditioning

Provide a ducted dust collection system for the Laboratory.

- Ceiling

Provide a 10' high ceiling in the Laboratory.

- Doors

Provide an exterior double door with no center or a removable mullion into the Laboratory.

Provide a double door from the Laboratory into the Material Storage Room.

- Plumbing

Provide one (1) sink with cold water in the Laboratory.

- Communications

Provide a clock, speaker and intercom handset in the Laboratory.

Provide a data outlet with adjacent power outlet in the Laboratory, in accordance with District Design Guidelines.

Provide a TV bracket with DVD bracket, CCTV jack, and adjacent power outlet in the Laboratory, in accordance with District Design Guidelines.

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III. SPECIAL CONSIDERATIONS (continued)

- Electrical

- Laboratory

- Provide a duplex outlet at each Owner-provided student workstation. Provide power poles if required, located as directed.

- Provide pedestal-type floor outlets as required to serve freestanding power tools and equipment. Flush-type floor outlets are not to be provided at these locations.

- Provide a master disconnect switch to shut down all receptacles, located so as to be easily accessible to the teacher.

- Provide a keyed reset mounted adjacent to the master disconnect switch.

- Contractor-Provided Equipment and Casework

- Laboratory

- Provide twelve (12) linear feet of base and wall cabinets, to include the sink and one (1) adjacent bank of graduated drawers, countertop to be 36" above the floor.

- Provide one (1) glasses/goggles sanitizing cabinet with 20 safety glasses and 10 goggles, in accordance with District Design Guidelines.

- Contractor-Provided Instructional Aids

- Laboratory

- Provide a 12' wide x 4' high markerboard with a 4' wide x 4' high tackboard on one (1) side, bottom to be mounted 36" above the floor.

- Provide a wall-mounted video projection system in accordance with District Design Guidelines.

- Other Considerations

- In the Laboratory the Owner will provide a total of 24 computer workstations. The type of workstation and the configuration will vary depending on the program and the design of the space.

- In the Laboratory the work areas must be properly laid out to allow normal sequence of operations with a minimum of cross traffic.

- Provide adequate clearances between Owner-provided machines to avoid interference between operators and to allow free flow of traffic and materials.