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.
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.