A. **Sheldon 26320 Axis Infinity Student Table:**
Push Button Control, Motorized Adj.Hgt, 7ft. Work Surface, Wood Base, No Sink.

1. The Student Laboratory Table shall be multi-purpose and must be able to seat a minimum of four (4) students, accommodate computer technology, and combination lab/lecture functions. Work surface height is adjustable from 30” to 36” with a panel mounted push button control, quickly converting from lecture to lab height without altering the fixed wood utility base height or mechanical and electrical connections.

2. The adjustable height Shelresin student work surface is curvilinear shaped and measures a **minimum of 84” x 44”.** The unique contoured shape of the counter top is provided to eliminate sharp corners from projecting into the aisles. The adjustable height work surface top is 1” thick molded epoxy resin and has an integral raised marine edge.

3. The understructure for the adjustable work surface is constructed of a minimum 11-gauge steel and provides support for a 1,000 lb maximum load on the perimeter of the counter top. Heavy-duty steel tubes are bolted to three (3) top mount brackets and screwed through angle brackets into the underside of the work surface to provide uniform support. The top mount brackets are bolted to and support the three (3) motorized lifting columns, which are firmly attached to a welded steel leg support frame that provides rigid stability for lifting the work surface.

4. Under the adjustable work surface is mounted a convenient lockable metal storage compartment for the upright rod assemblies.

5. Mounted in the lower section of the fixed wood utility base is a 110-VAC control box, activated by the up/down arrow buttons, that synchronizes the three (3) motorized lifting columns that raise or lower the student work surface. The control box is provided with a safety load-limit dongle switch. Cables from control box to three (3) motors are housed in flexible conduit.

6. The heavy-duty, wood utility base assembly is available in Oak or Maple, as specified. It provides housing for mechanical and electrical service lines and rough-in connections, and is used for mounting two (2) duplex electrical outlets and the push button control in the front top panel. A removable front panel provides access to services. On the lower rear portion of the wood utility base, a removable metal cover panel is provided for additional access to services.

    a. The 34” fixed ADA height, utility base top is 1” thick molded epoxy resin with radius edges. The overall top is 42-1/8” long x 14-3/16” wide. Space is allowed at the rear of the top for optional service fixtures or electrical/data outlets **when called for.** The juncture between the sides and rear of the fixed top and the adjacent adjustable height work surface is provided with a metal safety hand-guard.

b. Each table is provided with a push button control with up and down arrow buttons and a lockout key, housed in the front top panel and connected to the control box in the utility base.

c. The utility base is provided with one (1) box with GFI duplex receptacle located on each end of the front top panel, and one (1) quad box with two (2) Non-GFI duplex receptacles located on the interior of the utility base.
Junction box, internal conduit and wiring, and service lines from rough-ins to fixtures not included.

7. Utility base and leg support frame shall be bolted to the floor.

8. Standard color and finish of **all** metal components is black powder coated epoxy, including the leg support frame assembly, rod storage compartment, and lower rear metal removable cover panel.

9. Standard services and accessories to be included with each table:

Two (2) 85101 Box with GFI duplex receptacles.
One (1) 85201 Quad box with two (2) Non-GFI duplex receptacles.
Two (2) 86375 Sets upright clamp-on rod assemblies.

Optional accessories available at additional cost:
One (1) PPA0001K Set clamp-on privacy panels (3-Panel Kit).
One (1) Pair data/electrical outlet flip-ups.