

CTE Program Construction Description

The proposed Career Technology Center (CTE) will house the following nine programs:

- Forest Industry/Plant Systems Technology
- HVAC Technician Program
- Carpentry Program
- JROTC Program
- Therapeutic Services Program
- Pro-Start Restaurant Management Program
- Welding Program
- Pre-Engineering Project Lead the Way Program
- Automotive Technology Program

All spaces will have a high bay lab component as well as classroom space, locker rooms and changing areas. The classrooms for the CTE component will be in their own wing of the overall project. The CTE wing will have their own safe schools entrance adjacent to the CTE Administration area. The CTE wing will also have separate public restrooms and student collaborative spaces throughout the facility along the corridor in close proximity to the classrooms.

The building construction will consist of load bearing masonry walls with cavity wall insulation and a brick veneer on standard foundations. The roof will consist of painted steel joists, acoustical deck, with insulation board covered with a rubber membrane roof material. Each space will have an individualized HVAC system and individual exhaust systems as described in the requirements provided in policy 6200 and the WV State Department of Education Requirements for CTE Facilities. Each lab space will have large shop doors that open to the exterior classroom/work area. All outdoor classroom support spaces will be accessible to the CTE wing and adjacent to each area. All shop areas will have sufficient LED lighting, floor drains and additional electric, air and gas outlets as required for the specific program. All lab or shop floors will be sealed concrete with epoxy paint on the walls for ease of maintenance. Classroom floors will be polished concrete to match the remaining building. All areas will have the latest in wireless technology to accommodate the individual programs and to connect to the remainder of the facility.