

## 2020 MD FFA State Ag-Tech Mech Systems Update

### Electrical

- wiring a 220 receptacle from panel box

### Structural

- mig welding with mild steel and/or pipe

### Compact equipment

- overhead valve engine basic operation and use of manual

### Machinery and equipment

- selecting appropriate tractor to use with identified implement

### Environmental/Natural Resources

- using transit to determine elevations and use with land use

### Team activity

- irrigation principles and installation

Rules of contest: Will follow the National FFA rules as possible

Team consists of 4 members- all scores count

Safety glasses are required for all areas except the examination

Welding helmet and gloves are needed for all team members

Sturdy shoes and proper clothing required

Questions can be directed to Joe Linthicum, ATMS Superintendent at [linthicumj@hotmail.com](mailto:linthicumj@hotmail.com) or 410-868-2567.