

# ADDITIVE MANUFACTURING

CLUSTER: Manufacturing

PARTICIPATION TYPE: Team of 2

LEVEL: National Demonstration Contest

CONTEST TYPE: Skilled and Technical Contest

CONTESTANT LIMIT: 2 Teams per Advisor

CONTESTANT TYPE: High School

ELIGIBILITY: Open to active SkillsUSA members enrolled in Computer Aided Design classes, design classes, manufacturing, etc.

## ADDITIVE MANUFACTURING

Additive manufacturing embraces a wide range of materials and derivative processes to build parts suitable for end-use service. The virtually unlimited design freedom enabled by additive manufacturing allows the creation of shapes and the integration of feature and function that previously required subassemblies. Employment opportunities for creative individuals are growing as industry adopts additive manufacturing methods. Ready access to workstations and service providers makes the Internet a growing marketplace for public additive manufacturing gadgets.



*The SkillsUSA South Carolina Championships follow the current edition of the SkillsUSA National Technical Standards. These are available to professional members (advisors and teachers) following membership registration. Please check the State Updates that will be posted as received by the Technical Chairs related to changes to the competition related to state level competition.*