

2018 MCEF/SKILLSUSA STATE CHAMPIONSHIP

APRIL 10TH - 11TH, 2018



Guidebook



*Construction and
Manufacturing*



SkillsUSA 2017-2018

Fall, Regional and State Conferences

2017

North Fall Conf.	October 30	Northwest CC	Robin Douglas rdouglas@northwestmsss.edu
South Fall Conf.	November 1	JCJC Ellisville	Brad Harrison brad.harrison@jcjc.edu

2018

Region I	February 20	Northwest CC	Robin Douglas rdouglas@northwestms.edu
Region II	February 22	MS Delta CC Moorhead	Frankie Chandler fchandler@msdelta.edu
Region III	February 2	East Central CC Decatur	Wayne Eason weason@eccc.edu
Region IV	February 13	Colin CC Wesson	Veronica Topp Veronica.topp@colin.edu
Region V	February 16	JCJC Ellisville	Brad Harrison brad.harrison@jcjc.edu

State Championship April 10-11, 2018 Muse Center, Pearl & Trade Mart

Fall, Regional and State Conferences
Registration Deadlines

North & South Fall Conference:

Opens – October 2, 2017

Closes – October 20, 2017

Regions I – V Regional Competitions

Opens – November 1, 2017

Closes – January 1, 2018

State Competition

Opens – March 1, 2018

Closes – March 28, 2018

SkillsUSA-Mississippi 2017-18 Calendar of Events

August 2017	SkillsUSA National Membership kits <i>mailed to chapter/section advisors</i>
September 12, 2017	SkillsUSA MS Board of Directors Meeting <i>10:30, FFA Center</i>
September 12-13, 2017	SkillsUSA Chapter Officer Leadership Conf. <i>C.M. Brewer FFA Center, Raymond, MS</i>
October 2 – October 20, 2017	Fall Leadership Conference Registration <i>(registration site open)</i>
October 20, 2017	T-Shirt and Pin Designs Due <i>to State Office</i>
October 25, 2017	Fall Leadership Registration Fee due
October 30, 2017	Fall Leadership Conference/North <i>Northwest MS Community College</i>
November 1, 2017	Fall Leadership Conference/South <i>Jones County Junior College/Ellisville</i>
Nov. 1, 2017 – Jan. 1, 2018	Regional Competitions Registration <i>(registration site open)</i>
November 15, 2017	SkillsUSA 100% membership <i>100-percent membership means that all students enrolled in the training program are registered-due-paying members. (Advisors will be recognized at the 2018 NLSC)</i>
December 17, 2017	State Officer Application <i>(Deadline for submitting application)</i>
January 1, 2018	Competition dues for Regional and State <i>Must be paid by this date to compete at competition</i>
January 10, 2018	Regional Registration Fees Due

January 30, 2018	National Membership Fee Due <i>Participants must have membership to compete. (This is the last day to join).</i>
February 2, 2018	Region III Competition <i>East Central CC/Decatur</i>
February 13, 2018	Region IV Competition <i>CoLin Community College/Wesson</i>
February 16, 2018	Region V Competition <i>Jones County Junior College/Ellisville</i>
February 20, 2018	Region I Competition <i>Northwest MS CC</i>
February 22, 2018**	Region II Competition <i>MS Delta Community College/Moorhead</i>
February 26, 2018	Advisor of the Year Nomination Form Due <i>(deadline for submission of nomination forms)</i>
March 1 – 28, 2018	State Championships Registration <i>Secondary and Postsecondary (registration site open)</i>
March 21, 2018	Registration Fees for State Competition Due
April 1 - May 15, 2018	National Leadership and Skills Conference Registration <i>(registration site open)</i>
April 10-11, 2018	SkillsUSA Mississippi State Championships <i>Trade Mart and Muse Conference Center, Pearl</i>
June 26-29, 2018	National Leadership and Skills Conference <i>Louisville, KY</i>

SkillsUSA Theme**

The SkillsUSA competition theme for the 2017-2018 year is:

“SkillsUSA: Champions at Work Preparing America’s Skilled Workforce.”

A blue L-shaped graphic element consisting of a vertical bar on the left and a horizontal bar at the bottom, both with a slight shadow effect.

STATE Championship

Guidelines

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Section 1: MCEF/SkillsUSA State Championships

1.2 Overview

Many People consider MCEF/SkillsUSA State Championships to be the preeminent showcase of public technical education in the United States. The championships recognize career and technical students who excel in their occupational related areas.

The involvement of industry in MCEF/SkillsUSA programs is essential. Experts in skilled and technical areas donate their time to serve as competition project managers, judges and as technical committee members. They assume the responsibility for selecting the skills that are to be judged, determining the format of the contest, and establishing the standards by which competitors will be judged.

MCEF/SkillsUSA urges students to take pride in their work and provides employers with an opportunity to see dedicated and motivated potential employees at work.

1.2 MCEF/SkillsUSA Project Managers

Technical Committee

SkillsUSA State Director	Lemond Irvin	MDE	601-359-3088
Technical Committee Chairman	Mike Barkett	MCEF	601-605-2989
Event Coordinator	Gary Beeland	MCEF	601-906-1448
Scoring	Jo Ann Watts	RCU	662- 325-2510
Workshop	Lane Bell	MCEF	662-587-1476
P2C Expo	Dianna Zendejas	MCEF	601-605-2989
Vendors	Perry Nations	MCEF	601-605-2989
Volunteers	Sherri Blount	MCEF	228-342-1855

Project Managers

Carpentry	David White
Cabinetmaking	Bill McClelland
Industrial Motor Control	Craig Green
Electrical Construction Wiring	Jeremy Harvey
HVAC	Frank Reid and Chris Crocker
Masonry	Thomas Ray Floyd
Plumbing	
Sheet Metal	Jon Brown
Welding Structural	Randy Woolington
Welding Fabrication	Randy Woolington
Team Works	Tony Carroll

1.3 Schedule – MCEF/SkillsUSA Mississippi, State Championships

Tuesday, April 10, 2018

8:00am – 8:30am	Registration and Orientation for Welding (Post Secondary) (Not Welding Sculpture)
8:30am – 12:30am	Welding Competition (Post Secondary)
11:30am – 12:00pm	Lunch for ALL competitors EXCLUDING Welding competitors in competition
12:00pm – 12:30pm	Registration for: Team Works, Carpentry and Cabinet Making (Secondary AND Post Secondary)
12:30pm – 1:30pm	Welding Competitors lunch (Post Secondary)
12:30pm – 1:00pm	Orientation for Team Works, Carpentry and Cabinet Making (Secondary AND Post Secondary)
1:00pm – 6:00pm	Competition begins for: Team Works, Carpentry and Cabinet Making
2:00pm – 3:00pm	Welding Sculpture Registration and Set-Up for Sculpture projects in Trade Mart
2:00pm – 6:00pm	Welding Structural competition (Secondary)
3:00pm – 4:00pm	Individual Welding Sculpture interviews at Trade Mart
6:00pm	All competition stops

Wednesday, April 11, 2018

6:30am - 7:15am	Judges meet with Project Managers
7:15am – 7:45am	Competitors sign in
7:30am – 8:00am	General registration & continental breakfast for workshop attendees
7:45am – 8:00am	Competitors meet with Project Manager
8:00am	Competition begins – Workshop begins in West Bay
8:30am – 3:00pm	P2C Expo
8:30am – 12:30pm	Metal Fabrication – (Post Secondary ONLY)
11:30am – 12:00pm	Competitors lunch in West Bay (Not Metal Fab)- Competition resumes at 12:00
12:30pm – 1:30pm	Lunch for Metal Fabrication ONLY (Post Secondary)
12:45pm – 1:15pm	Orientation for Metal Fabrication (Secondary ONLY)
1:00pm – 3:00pm	All Welding Sculpture projects MUST be REMOVED from Trade Mart. Any projects left after 3:00pm will be discarded.
1:15pm – 5:15pm	Metal Fabrication competition (Secondary)
3:00pm	All Competitions and Workshops end (EXCLUDING Metal Fab)
3:00pm – 3:30pm	Ice Cream break – West Bay
3:00pm – 3:30pm	Final judging of competition – EXCEPT Metal Fabrication (Secondary)
3:45pm – 5:00pm	Disassembly & take down of projects – EXCEPT Metal Fabrication (Secondary)
5:15pm	Metal Fabrication competition stops (Secondary)
7:00pm	Closing ceremonies at Convention Center

1.4 Competitions

Cabinet Making	HVAC	Welding Structural
Carpentry	Masonry	Welding Fabrication
Electrical Const. Wiring	Plumbing	Team Works
Indust. Motor Control	Sheet Metal	Welding Sculpture

Section 2: MCEF/SkillsUSA State Competition

2.1 Procedures

a) Competitors Orientation

Competitors' orientation session will be conducted on Tuesday, April 10, 2018, prior to the Practical Performance test. **ATTENDANCE IS MANDATORY for all competitors.**

b) Practical Performance Test

- Project Managers will have the option to perform a tool and equipment check for each competitor.
- Prior to the scheduled start time, competitors will have the opportunity to review the inventory of materials provided to them. All questions/concerns should be addressed at this time
- The Technical Committee Chairman, or designated representative, will sound a horn to announce the start and end of the Practical Performance Test.
- No electronic devices, other than an **approved calculator**, will be allowed. Any device seen during the Practical Performance Test will be CONFISCATED.
- Competitors must return **ALL** test materials and any related documents to their respective Project Managers or his/her designated representative.
- Judges will convene at the test site to finalize scores.
- All competitors are **required** to participate in the disassembly/clean-up of the entire test site.

NOTE: Competitors will be dismissed no later than 5:00 p.m. If a competitor leaves early, for any reason, points will be deducted, and the student will be unable to place in the competition

- All tools and materials **must** be collected and properly stored.
- The test area must be swept and cleaned.
NOTE: Competitors are still being judged during disassembly/clean-up activities and are subject to disqualification or deduction of points for safety violations.

2.2 Clothing Requirements

Official SkillsUSA clothing is required for all competitors. A special colored tee shirt will be provided to be worn over the official clothing. **No Blue Jeans** will be allowed. Please refer to the technical manual for clothing regulations which are pictured and described at www.skillsusastore.org.

*****Blue Jeans are allowed for MCEF Apprentices ONLY.** (See Attached)



OFFICIAL COMPETITION UNIFORM CHART

Leadership Events

For women:
Official red blazer or jacket, black dress skirt (knee-length) or slacks with knee-length skirt, collared blouse or white blouse with neck, collar collar that may not extend into the lapels of the blazer, black shoes or slacks that are comfortable and black dress shoes.

For men:
Official red blazer, medium-length slacks or trousers, black dress shoes, white dress shirt, black tie that will not get into a shirt pocket or a blazer pocket, black socks and black shoes.

*Comments may vary slightly after entry or presentation items.

*One "day" uniform may also wear the official white polo uniform or formal attire.

<ul style="list-style-type: none"> American Spirit Chapter Business Procedures Chapter Blogging Community Service Employment Application Process Entrepreneurship Speaking Job Interview Occupational Health & Safety Spelling and Cloning Ceremonies 	<ul style="list-style-type: none"> Marketing Chapter File Design Prepared Speech Practical Skills Board T-Shirt Design Artistic Skills Job Skill Demonstration & K. Ryan **Brew Beer
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Demo Contests

For women:
Official black dress, short skirt with black dress, short skirt length or slacks, black socks or black or silver accessories hair and black leather dress shoes.

For men:
Official black dress, short skirt with black dress, short skirt length or slacks, black socks and black leather dress shoes.

Please refer to the technical standards of the SkillsUSA Competition page for specific contest staffing requirements.

Demo Contests

For women:
Official red blazer or jacket, black dress skirt (knee-length) or slacks with knee-length skirt, collared blouse or white blouse with neck, collar collar that may not extend into the lapels of the blazer, black shoes or slacks that are comfortable and black dress shoes.

For men:
Official red blazer, medium-length slacks or trousers, black dress shoes, white dress shirt, black tie that will not get into a shirt pocket or a blazer pocket, black socks and black shoes.

*Comments may vary slightly after entry or presentation items.

*One "day" uniform may also wear the official white polo uniform or formal attire.

Please refer to the technical standards of the SkillsUSA Competition page for specific contest staffing requirements.

Skilled and Technical Sciences

For women:
Official SkillsUSA white polo shirt with black dress skirt (knee-length) or slacks, black socks and black leather dress shoes.

For men:
Official SkillsUSA white polo shirt with black dress slacks, black socks and black leather dress shoes.

*Slacks should be knee-length or longer. (Exception please see for men's only if they are required with suit slacks.) If not, they must be covered with garters.

<ul style="list-style-type: none"> 3-D Visualization & Animation Advertising Design Architectural Drafting Audio/Video Production Computer Maintenance Technology Computer Programming Digital Content Production Early Childhood Education Electronics Technology Graphic Communications Interpreting 	<ul style="list-style-type: none"> Photography Refrigeration Systems Install & Maintain Screen Printing Technology Technical Computer Application Technical Drafting Telecommunications Cabling Television (Video) Production Web Design Welding Sculpture **Mobile Robotics
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Skilled and Technical Sciences

For women:
Official red blazer or jacket, black dress skirt (knee-length) or slacks with knee-length skirt, collared blouse or white blouse with neck, collar collar that may not extend into the lapels of the blazer, black shoes or slacks that are comfortable and black dress shoes.

For men:
Official red blazer, medium-length slacks or trousers, black dress shoes, white dress shirt, black tie that will not get into a shirt pocket or a blazer pocket, black socks and black shoes.

*Comments may vary slightly after entry or presentation items.

Please refer to the technical standards of the SkillsUSA Competition page for specific contest staffing requirements.

Skilled and Technical Sciences

For women:
Official red blazer or jacket, black dress skirt (knee-length) or slacks with knee-length skirt, collared blouse or white blouse with neck, collar collar that may not extend into the lapels of the blazer, black shoes or slacks that are comfortable and black dress shoes.

For men:
Official red blazer, medium-length slacks or trousers, black dress shoes, white dress shirt, black tie that will not get into a shirt pocket or a blazer pocket, black socks and black shoes.

*Comments may vary slightly after entry or presentation items.

Please refer to the technical standards of the SkillsUSA Competition page for specific contest staffing requirements.

Skilled and Technical Sciences

For all:
Official blue scrubs with white socks, slacks or white trousers (knee-length professional) white leather work shoes. Shoes must be affordable and in good condition. (Exception please see for men's only if they are required with suit slacks.) If not, they must be covered with garters.

For men:
Official blue scrubs with white socks, slacks or white trousers (knee-length professional) white leather work shoes. Shoes must be affordable and in good condition. (Exception please see for men's only if they are required with suit slacks.) If not, they must be covered with garters.

- Basic Health Care
- Dental Assisting
- Medical Assisting
- Nurse Assisting
- Practical Nursing

Skilled and Technical Sciences

For all:
White pants or black and white checked shirt's pants, white chef's coat or apron, white apron, white chef's hat (tall or short) or black hat (short) and black shoes.

Commercial Baking
Culinary Arts

Skilled and Technical Sciences

For women:
Official white top, black dress slacks, black socks or black or silver accessories hair and black leather dress shoes.

For men:
Official SkillsUSA white polo shirt with black dress slacks, black socks and black leather dress shoes.

*Official SkillsUSA white polo shirt with black dress slacks, black socks and black leather dress shoes.

*Comments may vary slightly after entry or presentation items.

Please refer to the technical standards of the SkillsUSA Competition page for specific contest staffing requirements.

Skilled and Technical Sciences

For women:
Official white top, black dress slacks, black socks or black or silver accessories hair and black leather dress shoes.

For men:
Official SkillsUSA white polo shirt with black dress slacks, black socks and black leather dress shoes.

*Comments may vary slightly after entry or presentation items.

Please refer to the technical standards of the SkillsUSA Competition page for specific contest staffing requirements.

Skilled and Technical Sciences

For all:
Official khaki dress slacks and short-sleeved button-down shirts or long-sleeved button-down shirts with short sleeves and khaki slacks or pants. (Exception please see for men's only if they are required with suit slacks.) If not, they must be covered with garters.

For men:
Official khaki dress slacks and short-sleeved button-down shirts or long-sleeved button-down shirts with short sleeves and khaki slacks or pants. (Exception please see for men's only if they are required with suit slacks.) If not, they must be covered with garters.

*Comments may vary slightly after entry or presentation items.

Please refer to the technical standards of the SkillsUSA Competition page for specific contest staffing requirements.

Automated Manufacturing Technology
Building Maintenance
Crimping
Cryptography
CNC Milling Technology
CNC Turning Technology
Electrical Construction Wiring
IFWEC
Industrial Boiler Control
Major Appliances & Refrigeration Technology

Biometry
Biotechnology
Precision Machine Technology
Automotive & Automotive Technology
Sheet Metal
Toolworks
Welding
Welding Fabrication

ALL OTHERS

Skilled and Technical Sciences

For all:
Official SkillsUSA white polo shirt with black dress slacks, black socks and black leather dress shoes.

For men:
Official SkillsUSA white polo shirt with black dress slacks, black socks and black leather dress shoes.

*Comments may vary slightly after entry or presentation items.

Please refer to the technical standards of the SkillsUSA Competition page for specific contest staffing requirements.

Skilled and Technical Sciences

For all:
Official SkillsUSA white polo shirt with black dress slacks, black socks and black leather dress shoes.

For men:
Official SkillsUSA white polo shirt with black dress slacks, black socks and black leather dress shoes.

*Comments may vary slightly after entry or presentation items.

Please refer to the technical standards of the SkillsUSA Competition page for specific contest staffing requirements.

Automotive Refinishing Technology
Automotive Service Technology
Aviation Maintenance Technology
Collision Repair Technology
Criminal Justice
Diesel Equipment Technology
Firefighting
Marine Service Technology
Motorcycle Service Technology
Plumbing
Power Equipment Technology
Crime Scene Investigation

PLUMBING ONLY

Occupationally Related

For women:
Official red blazer or jacket, black dress skirt (knee-length) or slacks with knee-length skirt, collared blouse or white blouse with neck, collar collar that may not extend into the lapels of the blazer, black shoes or slacks that are comfortable and black dress shoes.

For men:
Official red blazer, medium-length slacks or trousers, black dress shoes, white dress shirt, black tie that will not get into a shirt pocket or a blazer pocket, black socks and black shoes.

*Comments may vary slightly after entry or presentation items.

Please refer to the technical standards of the SkillsUSA Competition page for specific contest staffing requirements.

- Career Pathways Showcase
- Continuing Service
- Engineering Technology
- Entrepreneurship
- Health Knowledge Exam
- Health Occupations Professional Portfolio
- Medical Technology
- Principles of Technology

Occupationally Related

For all:
Official blue scrubs with white socks, slacks or white trousers (knee-length professional) white leather work shoes. Shoes must be affordable and in good condition. (Exception please see for men's only if they are required with suit slacks.) If not, they must be covered with garters.

For men:
Official blue scrubs with white socks, slacks or white trousers (knee-length professional) white leather work shoes. Shoes must be affordable and in good condition. (Exception please see for men's only if they are required with suit slacks.) If not, they must be covered with garters.

For all:
**Medical Math

Occupationally Related

For women:
Official SkillsUSA white polo shirt with black dress slacks, black socks and black leather dress shoes.

For men:
Official SkillsUSA white polo shirt with black dress slacks, black socks and black leather dress shoes.

*Comments may vary slightly after entry or presentation items.

Please refer to the technical standards of the SkillsUSA Competition page for specific contest staffing requirements.

Related Technical Math

Dress for Success at: www.SkillsUSAStore.org



Sponsored by Carhartt as a special project of the Youth Development Foundation of SkillsUSA

2.3 Disqualification/Point Deduction

A competitor may be disqualified from the competition or have points deducted from their score if any of the following occur.

- a. Being absent or tardy for the competitor orientation, opening session, written exam, practical performance test, or disassembly and clean-up.
- b. Cheating in any way (This is at the discretion of the Project Managers, Judges and Technical committee).
- c. Failing to prominently display the assigned competitor identification number on outer clothing during the practical performance test.
- d. Failing to return all components of the written exam and/or practical performance test.
- e. Leaving the practical performance test area without permission from a judge or project manager.
- f. Failing to participate in the disassembly/clean-up phase following the practical performance test.
- g. Failing to comply with clothing and personal protective equipment (PPE) requirements addressed in the guidebook
- h. Violating safety procedures as determined by judges and respective project managers.
- i. Under, or appearing to be under, the influence of any psychoactive substance or acting in an unprofessional/impaired manner. (At the discretion of the Project Managers and judges)
- j. During the competition, participants must work independently and without any assistance from judges, instructors, fellow students or observers.

Disqualification will automatically result in the forfeit of the competitors rank in the competition, along with any associated award, medal and/or recognition that was earned throughout the competition.

2.4 Changes during the Practical Performance Test

During the Practical Performance Test, competitors may bring attention to any discrepancies found with the competition materials and/or equipment to their respective project manager. The respective project manager and judges will then determine the most appropriate action(s) that will ensure the discrepancy is resolved and a final decision of the change will then be made.

2.5 Spectator Guidelines

- a. Spectators are to remain within the designated spectator areas and are not permitted to enter the practical performance test area for any reason. If the designated area is located close to the competition in progress, SAFETY GLASSES must be worn.
- b. Spectators are not permitted to speak with competitors or judges during the test nor pass any objects (including food or drink) to the competitors.
- c. “Coaching” the competitors during the Practical Performance Test and/or during breaks or lunch, is PROHIBITED.
- d. Spectators are not permitted in the test site during set-up or disassembly.
- e. It is, in the spirit of competition and good sportsmanship, to demonstrate professional courtesy to other competitors. Competitors shall, in no way, disrupt or interfere with the work or performance of fellow competitors or teams.

2.6 Disassembly and Clean-Up

When a competitor has completed the Practical Performance Test, the following procedures must be completed:

- a. Upon expiration of the time limit, the technical committee chairman or designated representative will announce (by blowing the horn) the conclusion of the practical performance test. At that time, all work must stop.
- b. Competitors must return **all** test materials and related documents to their respective project manager or his/her designated representative.
- c. Judges will convene at the test site to finalize the scores.
- d. Once the respective project manager has collected all scores and test materials, the project manager will excuse the judges.
- e. All competitors are required to participate in the disassembly/clean-up of the entire test site.
Note: Competitors will be dismissed not later than 6:00 p.m. Leaving early, for any reason, will cause the competitor to be disqualified from placing in the competition.
- f. All tools and materials must be collected and properly stored.
- g. The area must be broom swept of all debris.
- h. Project managers will ensure that competitors clean each test area properly. After inspecting each test area, a designated representative will instruct competitors to move to a central location where they will be dismissed from the test area as one group.

NOTE: COMPETITORS ARE STILL BEING JUDGED DURING DISASSEMBLY/CLEAN-UP ACTIVITIES AND ARE SUBJECT TO DISQUALIFICATION OR DEDUCTION OF POINTS FOR SAFETY VIOLATIONS.

2.7 Scoring

Each competition is composed of two parts – the use of safety practices during competition and a practical performance test. The scores from these two components will be combined as follows:

- The safety will account for 15 percent of the total score.
- The Practical Performance Test will account for 85 percent of the total score.
 - Judges will evaluate the performance of each competitor based on the criteria given for the that competition and will record the points earned on a score sheet.
- Within the Practical Performance Test, there will be 20 possible safety-related points and 180 competition-related points, for a total of 200 points.
- The ranking of each competitor is determined by combining the weighted safety score and the weighted Practical Performance Test score.

Scoring Criteria Chart		
Competition Component	Total Possible Points	Percent of Total Score
Safety	20 points	15%
Practical Performance Test	180 points	85%
Total Possible Points:	200 Points	

****If, in the event competitors in a single competition have matching scores and those scores place one or more of the competitors in contention to receive a medal, the following four methods will be implemented in order until the tie is broken. The final medal placement will then be determined:**

- Tie Breaker #1:** Highest overall Practical Performance Test (un-weighted) scores.
- Tie Breaker #2:** Highest Practical Performance Test (un-weighted) safety scores.
- Tie Breaker #3:** Results of tiebreaker practical exercise as specified by project managers on each competition's score sheet.
- Tie Breaker #4:** Line-by-line analysis of competitors' score sheets until a difference occurs.

2.8 Awards and Recognition

All competitors are urged to participate in the Opening and Closing Sessions. [Competitors will be honored at the awards ceremony, and winners for each competition will be announced.]

Everyone is encouraged to view all competitions during the State Championship. We do ask that you DO NOT communicate with the competitors during their competitions. If there are questions, please ask the Project Managers or designated staff members.

Section 3: Safety

3.1 Safety Orientation

A safety program containing a general safety overview and safe work practices will be conducted during the scheduled competitor orientation. **ATTENDANCE IS MANDATORY FOR ALL COMPETITORS.**

3.2 Personal Protective Equipment (PPE)

All personal protective equipment (PPE) must be appropriate for the task performed and meet current ANSI standards, which have been incorporated into the Occupational Safety and Health Administration (OSHA) PPE regulations as follows: Eye and Face Protection ANSI Z87.1; Head Protection ANSI Z89.1; Foot Protection ANSI Z41.1. There are no ANSI standards for gloves; however, selection must be based on the performance characteristics of the glove in relation to the tasks to be performed. The Project Managers may choose to provide work gloves if the skill being performed has gloves listed on the “tools required” list, provided by the National Skills Handbook.

During the Practical Performance Test, the proper use of the following personal protective equipment for all competitors is required:

- Ear protection (If applicable)
- Safety glasses
- Hard hat (except for welders)
- General work gloves (may not apply to all competitions – see task-specific gloves below)

Exceptions to the provided PPE, with prior approval from the respective project manager, are:

- Prescriptive safety glasses with side shields
- Prescriptive goggles
- Task-specific gloves per industry standards, designed to protect against sharp edges or high heat

Competitors must provide and use the following during competition on both days.

- Standard work shoes or boots (Tennis shoes and sandals are not permitted.)
- Shirts with sleeves of minimum four inches in length (Baggie or excessively loose-fitting clothing is not permitted.)

3.3 Set-Up and Disassembly

All safety standards must be followed by all competitors during competition set-up and disassembly.

- Hard hat
- Safety glasses
- Standard work shoes or boots
- General work gloves
- Hearing protection as needed and decided by the respective project manager

3.4 Jewelry

Exposed jewelry is not permitted. Examples include (but are not limited to):

- Earrings (stud or dangling)
- Wrist watches
- Rings
- Studs exposed through the nose, jaw, lip, eyebrow or any part of the body that is visible
- Gauges (If gauges cannot be removed, they must be covered with tape.)

3.5 Electronic Devices

No electronic devices will be allowed during competition days except for the ones that were approved for the Technical Committee Members and Judges.

3.6 Safety Judging

Prior to the Practical Performance Test, the competition project manager or the judges may inspect each competitor's personal hand tools, which must meet all Occupational Safety and Health Administration (OSHA) regulations and standards. For example, "mushroomed" heads on chisels are not permitted. Judges will be present during the Practical Performance Test to score competitors in such safety areas as the use of personal protective equipment, hand and power tool safety, ladder safety, etc. Depending on the severity and/or frequency of a violation or violations, the judges, in consultation with the respective project manager, have the authority to disqualify competitors.

NOTE: COMPETITORS ARE STILL BEING JUDGED DURING DISASSEMBLY/CLEAN-UP ACTIVITIES AND ARE SUBJECT TO DISQUALIFICATION OR DEDUCTION OF POINTS FOR SAFETY VIOLATIONS.

3.7 First Aid

All injuries, regardless of severity, must be reported to the project manager immediately. The project manager will contact the technical committee chairman or director to determine the appropriate action, including assistance by onsite EMT personnel.

Section 4: Deadlines

4.1 Team Works and Welding Fabrication Registration

Team Works

There is a maximum of 16 spaces (Four/4-Man teams) available for Team Works at the state competition. Therefore, registration will be on a first come, first served basis for both Secondary and Post Secondary. One Team allowed per school. This will be state registration only.

Welding Fabrication

Welding Fab will have space available for 30- 3man teams to compete in the competition. This includes 15 secondary teams and 15 Post Secondary teams, each team consisting of 3 competitors.

This year, at the Regional Competition, there will be space available for 15- 3man teams for Secondary competitors only. Any (or all) qualifying secondary teams will move on to compete at the State Championship. This leaves space remaining for 15-3man teams for **Post Secondary competitors to compete, which will be chosen on a first come first served basis.**

4.2 Max Number of Craft Competitors and Spaces Available

<u>Item</u>	<u>Size</u>	<u>Square Feet</u>	<u>Max. # of Competitors</u>
Cabinet	10 X 12	1,920	16
Carpentry	15 X 15	4,500	20
Team Works	20 X 20	6,400	16 (Four 4-man teams)
Elec Const. Wiring.	18 X 18	7,776	24
Ind. Motor Control	18 X 18	4,536	14
HVAC	10 X 10	2,000	20
Plumbing	8 X 8	1,152	18
Sheet Metal	10 X 10	1,600	16
Welding Struct.	10 X 10	3,000	15 Secondary 15 Post Secondary (Each team will consist of 3 Competitors)
Welding Fab.	10 X 10	N/A	15 Secondary 15 Post Secondary (Each team will consist of 3 Competitors)
Masonry	10 X 10	2,000	20 (Ten 2-Man teams)

TOTAL SQ. FT.	46,156
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(SCORE CARDS PLACED HERE)