



# **Academic Challenge for Excellence Handbook**

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**2026 ACADEMIC CHALLENGE FOR EXCELLENCE (ACE)  
AREAS OF COMPETITIONS AND AWARDS**

**FRIDAY, MARCH 13, 2026**

**ACADEMIC COMPETITIONS**

BUSINESS PLAN  
ENGLISH LANGUAGE  
INFORMATION TECHNOLOGY  
MATHEMATICS  
MUSIC  
NATURAL SCIENCES  
PUBLIC SPEAKING  
SOCIAL STUDIES

**TECHNICAL COMPETITIONS**

BUSINESS SKILLS  
COSMETOLOGY  
DRAFTING AND DESIGN TECHNOLOGY  
ELECTRICAL TECHNOLOGY  
HEALTH OCCUPATIONS KNOWLEDGE BOWL  
HEALTH OCCUPATIONS SKILLS  
INDUSTRIAL MAINTENANCE TECHNOLOGY  
MASONRY/BUILDING TRADES  
WELDING TECHNOLOGY

**AWARDS**

All students, who **register by February 13, 2026 (the registration deadline)**, will receive a certificate of participation and an official ACE T-shirt.

All participants of Team Competitions placing FIRST, SECOND, or THIRD will receive awards, as will FIRST, SECOND, or THIRD place participants in areas of Individual Competitions.

Each school having a team or individual placing FIRST will receive an award.

**AWARDS CEREMONY**

All awards will be presented in the gymnasium during an **awards ceremony** which will begin at **12:20 p.m.**

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## REGISTRATION PROCEDURES ACADEMIC AND TECHNICAL COMPETITIONS

### HOW TO REGISTER YOUR SCHOOL

1. Read carefully all information contained in this handbook to ensure your understanding of the ACE Competition rules, competition offerings, and scheduling.
2. Decide on the specific competitions in which your school will participate.
3. Select your school's participants and sponsors. **Each school must be represented by at least one sponsor. Competition rules prohibit a student from participating in more than one competition.**
4. Register for any **ACADEMIC COMPETITION** by clicking on the link from WCCS' website: [www.wccs.edu](http://www.wccs.edu). Click on the ACE 2026 icon to select registration application(s). **Please be sure to click the Submit button to complete registration.** Be sure to submit all questions to the ACE Registration Clerk via **email ONLY**:

WCCS, Teresa Marshall  
[ace@wccs.edu](mailto:ace@wccs.edu)  
Telephone: (334) 876-9257  
**(Confirmation will follow Receipt)**

**The deadline for Academic Competition Registration is Friday, February 13, 2026.**

**Schools may not register for any competitions, team or individual, after the registration deadline of (February 13, 2026). There is no provision for registration on competition day.**

**Each school's representative is responsible for making sure that a student competes in only one competition** and that all students and teachers understand and follow the rules which govern the competitions. In all competitions, the decisions of the judges are final.

5. Register for any **TECHNICAL COMPETITION** by clicking on the link from WCCS' website: [www.wccs.edu](http://www.wccs.edu). Click on the ACE 2026 icon to select registration application(s). **Please be sure to click the Submit button to complete registration.** Be sure to submit all questions to the ACE Registration Clerk via **email ONLY**:

WCCS, Teresa Marshall  
[ace@wccs.edu](mailto:ace@wccs.edu)  
Telephone: (334) 876-9257  
**(Confirmation will follow Receipt)**

You may telephone technical competition coordinators for more specific information (see list of technical competition coordinators on page 15). If you did not compete in a technical competition last year and are interested in competing this year, you must contact the appropriate coordinator and submit proper registration forms.

**The deadline for Technical Competition Registration is Friday, February 13, 2026.**

**Ensure that participants and sponsors understand and follow the rules which govern the competitions. In all competitions, the decisions of the judges are final.**

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## COMPETITION RULES AND GENERAL INFORMATION

### **ACE T-SHIRTS**

All participants are encouraged to wear the official ACE T-shirt during competition. Participants, who register by the **February 13, 2026**, registration deadline, will receive an official ACE T-shirts during check-in on competition day. All schools that are NOT listed or accounted for on the ACE Registration Listing may pick up shirts at the end of registration after all registered schools have received their shirts.

### **HOSPITALITY ROOM**

A hospitality room with complimentary refreshments will be provided for sponsors, adult guests, bus drivers, faculty, and staff in the library's Sam Earl Hobbs Reading Room.

### **PARTICIPANTS**

**A student may compete in only one event.** Violation of this competition rule will result in disqualification of the individual participant, and if applicable, his/her team from the competitions involved.

### **TESTS**

Tests were developed using the *Alabama Course of Study* guidelines whenever possible. Tests will not be returned after scoring.

### **PRELIMINARY COMPETITION RESULTS**

Results of the preliminary competitions in NATURAL SCIENCES, PUBLIC SPEAKING, and SOCIAL STUDIES will be posted in the Library-Gym lobby immediately prior to the final rounds of these competitions.

### **COACHING**

Sponsors and guests are not permitted to attend any preliminary competition that involves written tests.

### **RECORDING DEVICES**

No recording devices of any kind (audio, video, smart phone, etc.) are permitted during any ACE Competition (either preliminary or final). The recording of any competition questions for potential future use is both inappropriate and unethical and may lead to disqualification of participants.

### **EMERGENCY CONTACTS**

In the event of an emergency, a participant may be reached by calling the WCCS switchboard at (334) 876-9227.

### **COMPETITION POSTPONEMENT**

Only under SEVERE weather conditions will any postponement of the competition be considered. If postponement is necessary and known in advance, every attempt will be made to contact the participating schools. If there is a question concerning postponement, you may call the WCCS switchboard for information at (334) 876-9227.

### **SUPPLIES**

Participants are responsible for bringing their own pencils, pens, and, if applicable, calculators for competition use. Please read specific competition guidelines for detailed information. In case of

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additional questions, call the applicable competition coordinator(s)--(telephone numbers are listed on pages 7 and 13 of this handbook).

### **SCHOLARSHIP INFORMATION**

ACE Scholarships will be offered in the technical competitions to seniors only from schools in the service area. However, the competitions are open to all area schools, but schools within the service area will be selected on first-come basis. To receive a scholarship a student must meet the scholarship eligibility requirements of the College and of the individual WCCS program for which the scholarship is offered.

**ONLY** first place individual winners in technical program competitions will be offered a technical scholarship. All scholarships must be accepted and used no later than the beginning of the fall semester following the winner's graduation from high school. This amendment supersedes any previous correspondence(s) relative to the awarding of ACE Technical Scholarship. (Amended February 26, 2014)

### **OVERNIGHT ACCOMMODATIONS**

Guests who prefer overnight accommodations for the day or days prior to the competition may contact one of the following hotels for rates and/or cancellations information:

*Hampton Inn Selma  
2200 West Highland Avenue  
Selma, Alabama 36701  
(334) 876-9995*

*Holiday Inn Express Selma  
2000 Lincoln Way  
Selma, Alabama 36701  
(334) 874-1000*

Photo identification is required at check in. Should you have any questions, please do not hesitate to call ***Hampton Inn Selma or Holiday Inn Express Selma*** at the numbers listed above. Selma Inns welcome you and are looking forward to having you as their guest.

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## CHECK-IN PROCEDURES FOR ACADEMIC COMPETITIONS

1. Upon arrival, sponsors should report to the CHECK-IN CENTER in the lobby of the Library-Gymnasium Building. Sponsors are asked to check-in, verify registration form(s), and pick up a competition packet and ACE T-shirts. **The Check-In Center will open at 7:00 a.m. on the day of the competition.**

**Students may NOT complete check-in procedures themselves. Students should report to the gymnasium while their school sponsors complete check-in procedures.**

2. **Schools may NOT register for additional competitions during check-in. Registration for all competitions must be completed and submitted by the deadline– February 06, 2026.**
3. Changes in any registered individual or team participants are considered substitutions. **Substitutions must be made during check-in procedures, at least 30 minutes before the starting time of the competition.**
4. No student may compete in a final competition if he/she has not successfully completed a preliminary round.
5. Please check the *Academic Competition Schedule*, page 6, for the beginning time and location of each event. **Participants should be seated in a competition room 15 minutes before the actual competition time.** Plan on arriving early so that check-in procedures can be completed and participants can find their appropriate rooms.

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## ACADEMIC COMPETITIONS SCHEDULE

<u>Academic Competition</u>		<u>Competition Time</u>	<u>Building/Initial Room Assignment</u>
BUSINESS PLAN		8:45	Hank Sanders Technology Center Room 105
ENGLISH COMPOSITION		8:45	Classroom Building CB-146
ENGLISH GRAMMAR		8:45	Classroom Building CB-141
INFORMATION TECHNOLOGY		8:45	Hank Sanders Technology Center Rooms 300 and 301
MATHEMATICS--ADVANCED MATH		8:45	Arts & Sciences Building AS-221
MATHEMATICS--ALGEBRA I		8:45	Arts & Sciences Building AS-220
MATHEMATICS--ALGEBRA II		8:45	Arts & Sciences Building AS-217
MATHEMATICS--GEOMETRY		8:45	Arts & Sciences Building AS-216
MUSIC		8:45	Student Center 2 <sup>nd</sup> Floor Room (MO6)
NATURAL SCIENCES I	Preliminary	8:45	Health Science Building Room 205
	FINALS	10:00	Health Science Building Room 205
NATURAL SCIENCES II	Preliminary	8:45	Health Science Building Room 210
	FINALS	10:00	Health Science Building Room 205
PUBLIC SPEAKING	Preliminary	8:30	Hank Sanders Technology Center Rooms 209, 302, 303 & 2 <sup>nd</sup> Floor Conference Room
	FINALS	10:45	Hank Sanders Technology Center Room 303
SOCIAL STUDIES I	Preliminary	8:45	Hank Sanders Technology Center Room 112
	FINALS	10:00	Hank Sanders Technology Center Room 112
SOCIAL STUDIES II	Preliminary	8:45	Hank Sanders Technology Center Room 112
	FINALS	11:00	Hank Sanders Technology Center Room 112
AWARDS CEREMONY		12:20	Library-Gymnasium Building

*Competition Entry Forms that designate a specific room assignment for each student will be included in the material you receive at the Check-In Center.*



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## ACADEMIC COMPETITION COORDINATORS

For additional information concerning specific areas of competition, you should contact the Area Competition Coordinators listed below. If you are unsuccessful in contacting a particular Area Competition Coordinator, please call **one** of the ACE Coordinators.

WCCS Telephone Number: (334) 876-WCCS (9227)

<b>Area Competition Coordinators:</b>	<b>Phone</b>	<b>Email</b>
Business Plan Coordinators: Dr. Marilyn Hannah	(334) 876-9383	<a href="mailto:marilyn.hannah@wccs.edu">marilyn.hannah@wccs.edu</a>
English Composition Coordinators: Mrs. Kaleda Williams-Zanders	(334) 876-9316	<a href="mailto:kaleda.zanders@wccs.edu">kaleda.zanders@wccs.edu</a>
English Grammar Coordinators: Mr. Robert Sims	(334) 876-9259	<a href="mailto:robert.sims@wccs.edu">robert.sims@wccs.edu</a>
Information Technology Coordinators: Mrs. Connie Jones Dr. Yulonda Randolph	(334) 876-9243 (334) 876-9336	<a href="mailto:connie.jones@wccs.edu">connie.jones@wccs.edu</a> <a href="mailto:yulonda.randolph@wccs.edu">yulonda.randolph@wccs.edu</a>
Mathematics Coordinators: Mrs. Pamela Wright	(334) 876-9312	<a href="mailto:pamela.wright@wccs.edu">pamela.wright@wccs.edu</a>
Music Coordinators: Mr. Michael Walker	(334) 876-9384	<a href="mailto:michael.walker@wccs.edu">michael.walker@wccs.edu</a>
Natural Sciences Coordinators: Mrs. Antionetta Baldwin/Division I Dr. Holly Owens/Division II	(334) 876-9273 (334) 876-9315	<a href="mailto:antionetta.baldwin@wccs.edu">antionetta.baldwin@wccs.edu</a> <a href="mailto:holly.owens@wccs.edu">holly.owens@wccs.edu</a>
Public Speaking Coordinators: Mrs. Jenny Martin Ms. Maxine Sturdivant	(334) 876-9314 (334) 876-9331	<a href="mailto:jenny.martin@wccs.edu">jenny.martin@wccs.edu</a> <a href="mailto:maxine.sturdivant@wccs.edu">maxine.sturdivant@wccs.edu</a>
Social Studies Coordinators: Dr. Shannon Huggins	(334) 876-9313	<a href="mailto:shannon.huggins@wccs.edu">shannon.huggins@wccs.edu</a>

## ACE COORDINATORS

Mr. Lonzy Clifton (Chair) <a href="mailto:lonzy.clifton@wccs.edu">lonzy.clifton@wccs.edu</a>	(334) 876-9251	Ms. Jennifer Reynolds <a href="mailto:jennifer.reynolds@wccs.edu">jennifer.reynolds@wccs.edu</a>	(334) 876-9235
Mr. Curtis Bell (Co-Chair) <a href="mailto:curtis.bell@wccs.edu">curtis.bell@wccs.edu</a>	(334) 876-9325	Ms. Lula Snowden <a href="mailto:lula.snowden@wccs.edu">lula.snowden@wccs.edu</a>	(334) 876-9370
Ms. Pamela Blevins <a href="mailto:pamela.blevins@wccs.edu">pamela.blevins@wccs.edu</a>	(334) 876-9338	Mr. Michael Walker <a href="mailto:michael.walker@wccs.edu">michael.walker@wccs.edu</a>	(334) 876-9384
Ms. Valerie Curtis <a href="mailto:valerie.curtis@wccs.edu">valerie.curtis@wccs.edu</a>	(334) 876-9416	Ms. Matilda Williams <a href="mailto:matilda.williams@wccs.edu">matilda.williams@wccs.edu</a>	(334) 876-9375
Dr. Marilyn Hannah <a href="mailto:marilyn.hannah@wccs.edu">marilyn.hannah@wccs.edu</a>	(334) 876-9383	Mrs. Pamela Wright <a href="mailto:pamela.wright@wccs.edu">pamela.wright@wccs.edu</a>	(334) 876-9312
Ms. Teresa Marshall <a href="mailto:teresa.marshall@wccs.edu">teresa.marshall@wccs.edu</a>	(334) 876-9257		

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## **BUSINESS PLAN GUIDELINES**

### **PARTICIPANTS**

Each school may enter one (1) team of up to three (3) students.

### **AREA OF COMPETITION**

Each team must present a Power Point presentation on a business they would like to start. This presentation must be neat, well organized, legible, visually appealing and complete. The plan should include the company's mission statement, provide an outline of the company's products and services, indicate profit potential, and include general financial information.

### **PROCEDURES**

Each presentation will last no longer than 7 minutes. Each team must provide four (4) hard copies of their presentation. Students are encouraged to wear business attire to this competition.

### **AWARDS**

Three (3) individual awards (1<sup>st</sup> place, 2<sup>nd</sup> place and 3<sup>rd</sup> place) for the highest individual scores.

Three (3) team awards (1<sup>st</sup> place, 2<sup>nd</sup> place and 3<sup>rd</sup> place) for the teams with the highest scores.

The team score is determined by the sum of the individual team member scores.

Available Software and Languages

Office 2021 (MS PowerPoint)

For additional questions please contact Dr. Marilyn Hannah, (334) 876-9383.

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## ENGLISH LANGUAGE GUIDELINES

### PARTICIPANTS

Each school may enter one (1) student from the senior class for the grammar competition and one (1) student from the senior class for the Composition Competition. The Grammar and Composition competitions will be limited to the first 20 students to register.

### AREAS OF COMPETITION

- English Composition
- English Grammar

### PROCEDURES

#### ENGLISH COMPOSITION

Competitors will be given an unidentified literary passage—poetry, drama, or fiction—and asked to write, within one (1) hour, an interpretive paper on a character, an idea, or a literary device. All papers will be evaluated by members of the English faculty at Wallace Community College Selma.

Papers will be assessed according to the following criteria:

- Content and depth of analysis
- Organization and coherence
- Style and originality
- Grammar and mechanics

The student who writes the best paper, as determined by consensus of the WCCS English faculty, will be declared the English Composition winner.

#### Tie-Breaker Procedure:

In the event of a tie in the Composition Competition, the tied papers will be re-evaluated by an additional English faculty member who did not serve as an initial judge. The re-evaluation will focus on clarity, organization, and depth of analysis. If a tie persists after the re-evaluation, the paper with the fewest grammatical errors will be declared the winner. The decision of the additional evaluator will be final.

#### ENGLISH GRAMMAR

Each Grammar competitor will take an objective test on grammar consisting of fifty (50) multiple-choice questions to be completed within thirty (30) minutes. The student with the highest score will be declared the English Grammar winner.

#### Tie-Breaker Procedure:

Five (5) additional tie-breaker questions will be included at the end of the test. These questions will not count toward the original score but will be used only in the event of a tie. If two or more students achieve identical scores on the first fifty (50) questions, the tie-breaker questions will be graded to determine placement. Should a tie remain after scoring the tie-breaker questions, the student who answered the most tie-breaker questions correctly in the shortest time will be declared the winner.

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## **INFORMATION TECHNOLOGY GUIDELINES**

### **PARTICIPANTS**

Each school may enter one (1) team of up to three (3) students.

### **AREA OF COMPETITION**

The information technology exam includes general computer knowledge, word processing, spreadsheets, databases, and the Internet. The questions will be generic and will not be specific to a particular application or language.

### **PROCEDURES**

Each individual will take a test of fifty (50) multiple-choice questions that will be graded by the computer. Each individual will complete one (1) hands-on computer exercise using one of the following software applications: Word, Excel, or PowerPoint.

The maximum time allowed for the entire competition is 1 ½ hours.

### **AWARDS**

Three (3) individual awards (1<sup>st</sup> place, 2<sup>nd</sup> place and 3<sup>rd</sup> place) for the highest individual scores.

Three (3) team awards (1<sup>st</sup> place, 2<sup>nd</sup> place and 3<sup>rd</sup> place) for the teams with the highest scores.

The team score is determined by the sum of the individual team member scores.

Available Software and Languages

Office 2021 (Word, Access, PowerPoint)

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## MATHEMATICS GUIDELINES

### PARTICIPANTS

Each school may enter up to three (3) students per area of competition.

Students competing in math events must register for their most recent level of study. Students not currently enrolled in an area of study may compete on the level of the last course completed. A school entering three (3) participants in an area of competition will be eligible for a school award. It is possible to be eligible for a school award in one area but not in another.

### AREAS OF COMPETITION

<b>Algebra I</b>	<b>Geometry</b>
<b>Algebra II</b>	<b>Advanced Math</b>

### PROCEDURES

All tests are one-hour multiple-choice exams. The determination of the raw scores for an award will be based on the following factors:

+5 for each correct answer	-2 for each incorrect answer	0 for each blank
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School awards will be determined by the sum of the scores for that school's participants in an area of competition. **Calculators cannot be used during the competition.**

### AWARDS

Three (3) individual awards (1<sup>st</sup> place, 2<sup>nd</sup> place and 3<sup>rd</sup> place) for the highest individual scores.

Three (3) team awards (1<sup>st</sup> place, 2<sup>nd</sup> place and 3<sup>rd</sup> place) for the teams with the highest scores.

The team score is determined by the sum of the individual team member scores.

## MUSIC GUIDELINES

### PARTICIPANTS

The competition is for students in 9th - 12 grade. Each school may have no more than two students per instrument to compete.

### AREAS OF COMPETITION

**Eligible Instruments: Flute, Clarinet, Saxophone, French Horn, Trumpet, Trombone, and Tuba**

### PROCEDURES

1. Students will be required to play three major scales. Students may choose their own scales. Students must state each scale before playing.
2. Sight read
3. Perform prepared selection (the selections will be provided to the school prior to the competition/after registration.

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## NATURAL SCIENCES GUIDELINES

### PARTICIPANTS

Each school may enter a TEAM of up to three (3) students per division.

### AREAS OF COMPETITION

#### Division I (Grades 9-10)

40% Physical Science

40% Biology

20% Earth and Space Science

#### Division II (Grades 11-12)

40% Biology

30% Chemistry

30% Physics

### PROCEDURES

#### COMPETITION

A paper and pencil test will be administered to all teams. **Calculators may be used during this competition and participants must bring their own calculators.** Each team will submit one official team answer sheet. A majority of the test questions will be multiple-choice.

In the event of a tie, correct answers to pre-selected questions serves as tiebreakers.

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## PUBLIC SPEAKING GUIDELINES

### PARTICIPANTS

The public speaking competition is limited to 11th and 12th grade students.

A school may enter up to two (2) individual participants.

### AREA OF COMPETITION

Persuasive Speaking

### PROCEDURES

#### PRELIMINARY

Participants will be divided into sections of up to seven speakers for the preliminary competition. The participants will deliver a prepared PERSUASIVE speech on a topic of their choice. Speeches will be limited to at least **3**, but not more than **5** minutes; speeches not adhering to the time limits will be penalized. Note cards are permitted, and a lectern will be provided. Participants who choose to use visual aids are responsible for providing their own supplies and/or equipment. PowerPoint is NOT allowed. During the competition, participants will be a part of the audience, except when speaking. Evaluation will be based on delivery, content, overall effectiveness, and length. The highest-ranked speaker from each section will advance to the final competition. Due to time constraints, students who arrive late will NOT be allowed to participate.

#### FINAL COMPETITION

Participants who advance to the final competition will deliver the same persuasive speech they presented in the preliminary competition. Due to time constraints, students who arrive late will NOT be allowed to participate. The same procedures and evaluation criteria used in the preliminary competition will be followed. First, second, and third place winners will be determined in the final competition and announced during the ACE Awards Ceremony.

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## SOCIAL STUDIES GUIDELINES

### PARTICIPANTS

Each school may enter a TEAM of up to three (3) students per division.

### AREAS OF COMPETITION

#### Division I (Grades 9-10)

World History  
Current Events  
Geography  
American History

#### Division II (Grades 11-12)

U. S. History	Current Events
World History	Geography
Economics	
American Government	

### PROCEDURES

#### PRELIMINARY COMPETITION

A written test will be administered to all teams. Each team will submit one official team answer sheet. A majority of the test questions will be multiple-choice; the remainder will be open ended. The score will be the number of correct answers. The three (3) highest scoring teams will advance to the Final Competition.

#### FINAL COMPETITION

The final competition will be held among the three (3) highest scoring teams to determine first, second, and third place. Competing teams will use an electronic light and buzzer system, similar to that used by the College Bowl.

#### TIE BREAKER FOR FINAL COMPETITION

A three- minute overtime will be used to break a tie for first place. If the tie has not been broken after the overtime, a “sudden death” procedure will be adopted. The first team to correctly answer the next question will be declared the winner. Ties for second place will be settled by the one-question “sudden death” procedure.

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## CHECK-IN PROCEDURES FOR TECHNICAL COMPETITIONS

All participants in technical competitions must be registered prior to competition day. Upon arrival, technical competition sponsors should report to the ACE Check-In Center in the lobby of the Library-Gymnasium Building. Sponsors will check-in, verify registration forms, and pick up ACE T-shirts and a competition packet. The ACE Check-In Center will open at 7:00 a.m. on competition day.

Students may NOT complete check-in procedures themselves.

Following check-in, technical sponsors and students should report to the location of the specific technical competition.

All participants must be checked in and seated in the correct competition location prior to the beginning of the competition. No late admittance will be permitted to the competition.

### TECHNICAL COMPETITIONS SCHEDULE

<u>Technical Competition</u>	<u>Competition Time</u>	<u>Building/Initial Room Assignment</u>
BUSINESS SKILLS	8:45	Hank Sanders Technology Center 2 <sup>nd</sup> Floor Rooms 210, 218, & 219
COSMETOLOGY	8:00	Cosmetology Technology Building
DRAFTING	8:00	Classroom Building Drafting Division
ELECTRICAL TECHNOLOGY	8:00	Electrical Technology Building
HEALTH KNOWLEDGE BOWL	7:30	Health Science 205
HEALTH SKILLS	7:30	Health Science 114
INDUSTRIAL MAINT TECHNOLOGY	8:00	Industrial Technology Building
MASONRY/BUILDING TRADES	8:00	Masonry Technology Building
WELDING TECHNOLOGY	8:00	Welding Technology Building
AWARDS CEREMONY	12:20	Library-Gymnasium Building



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## TECHNICAL COMPETITION COORDINATORS

For additional information concerning specific areas of competition, you should contact the Area Competition Coordinators listed below. If you are unsuccessful in contacting a particular Area Competition Coordinator, please call one of the ACE Coordinators.

WCCS Telephone Number: (334) 876-WCCS (9227)

### Area Competition Coordinators:

Business Skills, Dr. Marilyn Hannah

Cosmetology, Mrs. Lawanna Quarles

Drafting and Design, Mr. David Hobbs

Electrical Technology, Mr. Eric Rogers

Health Occupations Knowledge Bowl, Dr. Jacqueline Moultrie

Health Occupations Skills, Dr. Pearlie Miller

Industrial Maintenance Technology, Mr. James Dial

Masonry/Building Trades, Mr. Tommie Flenory

Welding Technology, Mr. Otis Tarver

### Phone/Email:

(334) 876-9383

[marilyn.hannah@wccs.edu](mailto:marilyn.hannah@wccs.edu)

(334) 876-9265

[lawanna.quarles@wccs.edu](mailto:lawanna.quarles@wccs.edu)

(334) 876-9347

[david.hobbs@wccs.edu](mailto:david.hobbs@wccs.edu)

(334) 876-9348

[eric.rogers@wccs.edu](mailto:eric.rogers@wccs.edu)

(334) 876-9276

[jacqueline.moultrie@wccs.edu](mailto:jacqueline.moultrie@wccs.edu)

(334) 876-9341

[pearlie.miller@wccs.edu](mailto:pearlie.miller@wccs.edu)

(334) 876-9375

[matilda.williams@wccs.edu](mailto:matilda.williams@wccs.edu)

(334) 876-9357

[tommie.flenory@wccs.edu](mailto:tommie.flenory@wccs.edu)

(334) 876-9351

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## ACE COORDINATORS

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## BUSINESS SKILLS GUIDELINES

### PARTICIPANTS

Each school may enter one (1) student in Keyboarding I, up to two (2) students in Keyboarding II, and up to two (2) students in Bookkeeping/Accounting.

### AREAS OF COMPETITION

Keyboarding I	May be from 9 <sup>th</sup> - 12 <sup>th</sup> grade
Keyboarding II	Must be in the 11 <sup>th</sup> or 12 <sup>th</sup> grade
Bookkeeping/Accounting	Must be in the 11 <sup>th</sup> or 12 <sup>th</sup> grade

Students participating in the Keyboarding I or Bookkeeping/Accounting competition **must be currently enrolled** in those courses. Students who have completed Keyboarding I should enter the Keyboarding II event. No competition is offered for students who have completed Bookkeeping/Accounting.

### PROCEDURES

Keyboarding I - Three 5-minute speed tests will be administered to all participants. The students will use computers provided by WCCS.

Keyboarding II - - Speed and production tests will be administered to all participants. Students will use computers provided by WCCS.

Bookkeeping/Accounting - - A paper and pencil test will be administered to all participants. The test will consist of 100 objective questions and one essay question. Students should bring their own calculators.

Specifics of the above areas of competition will be detailed with additional documentation from the technical coordinator.

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## COSMETOLOGY GUIDELINES

### HAIR STYLING PARTICIPANTS

Each school may enter up to three (3) participants in this area of competition. Students competing in the cosmetology contest must be currently enrolled in a cosmetology class.

### AREA OF COMPETITION

This area of competition includes haircutting and wet hairstyling.

### PROCEDURES

Each participant will take a written test consisting of multiple choice or fill-in-the-blank questions.

Each participant will be responsible for bringing a mannequin and all implements needed. One hour will be allowed to complete a basic haircut and one hour for hairstyling.

Specifics of the above area of competition will be detailed in additional documentation from the technical coordinator.

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## **NAILS PARTICIPANTS**

**\*NOTE:** This area is limited to four participants and models.

Each school may enter (1) participant and submit (1) alternate in this area of competition. Students competing in the cosmetology nail contest must be currently enrolled in a cosmetology class.

### **AREA OF COMPETITION**

This area of competition includes nail tip application, acrylic overlay and nail polish design.

### **PROCEDURES**

Each participant will take a written test consisting of multiple choice or fill-in-the-blank questions. Each participant will be responsible for bringing a model and all supplies/implements needed. One hour will be allowed to complete nail tip application with an acrylic overlay and one hour for nail polish design.

Specifics of the above area of competition will be detailed in additional documentation from the technical coordinator.

## **ESTHETICS PARTICIPANTS**

Each school may enter (2) participants in this area of competition. Students competing in the cosmetology esthetics contest must be currently enrolled in a cosmetology class.

### **AREA OF COMPETITION**

This area of competition includes basic facial and dramatic make-up application.

### **PROCEDURES**

Each participant will take a written test consisting of multiple-choice or fill-in-the-blank questions. Each participant will be responsible for bringing a model and all supplies/implements needed. One hour will be allowed to complete a basic facial and one hour for dramatic make-up application.

Specifics of the above area of competition will be detailed in additional documentation from the technical coordinator.

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## **DRAFTING AND DESIGN TECHNOLOGY GUIDELINES**

### **PARTICIPANTS**

Each school may enter multiple students in each area of competition. Instructors are asked to contact David Hobbs at (334) 876-9347 to ensure there are available tables or work stations.

### **AREAS OF COMPETITION**

DIVISION I- Mechanical Drawing/Drafting I  
(For first year Mechanical Drawing and Drafting students only)

DIVISION II- Drafting II  
Engineering Drafting

### **PROCEDURES**

Contestants will be given a drawing which will be drafted manually or electronically to produce a “working engineering drawing.” **STUDENTS USING DRAWING BOARDS ARE REQUIRED TO SUPPLY MANUAL DRAFTING TOOLS TO COMPETE.**

Contestants will be judged on the following:

- Correct view and placement
- Correct shape description
- Correct line types and line weights
- Neatness, line quality
- Dimensioning and tolerancing
- Use and technical accuracy of ANSI Y14.5 or AIA symbology

Specifics of the above areas of competition will be detailed in additional documentation from the technical coordinator.

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<b>ELECTRICAL TECHNOLOGY GUIDELINES</b>
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## **PARTICIPANTS**

This competition is limited to six (6) area vocational students.

## **AREA OF COMPETITION**

Commercial/Industrial Wiring Hands on Contest  
20 Question Written Test from 2011 NEC article 300 and 310 only.

## **PROCEDURES**

Each student will complete the hands on commercial/industrial type project and then complete a 20 question code test. In the event of a tie the contestant who finishes first with the most points shall win.

## **REQUIRED TOOLS**

All students competing must provide their own hand tools and safety glasses. Please note that if your student does not have safety glasses or any of the required tools they will **not** be allowed to compete.

- 1) Lineman Pliers
- 2) Wire strippers
- 3) Medium size screwdriver
- 4) Safety glasses

**\*Please note: A 2005 NEC codebook will be provided for the students to use during the contest. Students can bring a calculator but it will not be required.**

Students should be familiar with the following electrical installations:

- Single pole switches (Broken at light or switch)
- 3 way switches (Broken at light or switch)
- Keyless light fixtures
- Duplex receptacles
- GFCI receptacles (Line and Load)

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## HEALTH OCCUPATIONS KNOWLEDGE BOWL

### PARTICIPANTS

Each area vocational school may enter a team of three (3) students in this area of competition. Students competing in the Health Occupations Knowledge Bowl must be currently enrolled in a health care related program. Also open to Health Care Science students enrolled in a program with health care objectives. Team member are eligible to participate for one (1) year only and may not participate in any future Knowledge Bowl events. **No notes or written materials are permitted.**

### AREAS OF COMPETITION

This area includes Current Events; Health Care Related Terminology; Practical Application of Health Care Skills; Applied Science—basic anatomy and biology; Mathematics; and First Aid—CPR. The competition includes oral and written answers. Each team must bring a calculator, pencils for each member and dry erase markers.

### PROCEDURES

Each team will consist of three (3) members. One member will be designated captain. Students may bid up to 50 percent of their total score per question. Minimum bid will be 5. Captains must stand with written bid. Questions will be read twice by a judge to all teams. The team will have 20 seconds to discuss and write answers. At called time, the captain will stand at the table with the written answer. The judge will determine the correct response. Scores will be totaled after each response. The team with the highest score will be the winner.

**Specifics of the above areas of competition will be detailed in additional documentation from the technical coordinator.**

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## HEALTH OCCUPATIONS SKILLS GUIDELINES

### PARTICIPANTS

Each school may enter up to two (2) participants and identify one (1) alternate in this area of competition. Students competing in the Health Occupations contest must be currently enrolled in a health care related program. Participants must arrive at the testing area approximately ten (10) minutes prior to the scheduled testing time. Participants **CANNOT ENTER** the testing room until called by the test proctor. **No observers are allowed in this competition.**

### AREA OF COMPETITION

This area includes bed making and vital signs. **Each student MUST BRING Bed Linens!** -- which should include: top sheet, fitted-bottom sheet (flat sheets are permitted), draw sheet, spread and pillow case. All equipment for assessing vital signs will be provided by the WCCS Practical Nursing Program.

### PROCEDURES

Each participant will take a written test consisting of twenty-five (25) multiple choice questions. The test will be 30 minutes and will constitute twenty-five (25) percent of the evaluation.

Each participant will be allowed a 20-minute time limit to complete bed making and vital signs. These areas of competition constitute 75 percent of the evaluation.

Participants must perform palpated systolic blood pressures; oral temperature assessment; count the radial pulse and respirations; and record blood pressure, pulse rate, and respiration (+ or – 2) of the evaluator's assessment.

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## INDUSTRIAL MAINTENANCE TECHNOLOGY

### **PARTICIPANTS**

This competition is limited to six (6) area vocational students.

### **AREA OF COMPETITION**

Industrial Wiring Problem Solving Hands on Contest

20 Question Written Test covering basic AC/DC theory, basic hydraulics, and basic pneumatics.

### **PROCEDURES**

Using the Amatrol AC/DC trainer, each student will complete two basic circuits, one series and one parallel. Voltage and amperage readings will be taken from each circuit. After completion of the hands on portion of the competition each student will receive a 20 question written test. The highest combined score of the written and hands on test will be the winner.

### **REQUIRED TOOLS**

**\*A calculator is required for this contest.**

Students should be familiar with the following subjects:

- Ohms' Law
- Series circuits
- Parallel circuits
- Basic hydraulic fundamentals
- Basic Pneumatic fundamentals



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## MASONRY/BUILDING TRADES GUIDELINES

### PARTICIPANTS

Each school may enter one (1) student in each area of competition.

### AREAS OF COMPETITION

Brick Lying  
Block Laying

### PROCEDURES

Contestants will lay blocks or bricks. Contestants will be judged on his/her knowledge and physical technical skills. Each project will be judged by the following criteria:

- (a) plumb
- (b) level
- (c) square and range
- (d) measurements
- (e) correct design
- (f) manipulation
- (g) tooling and neatness
- (h) full joints
- (i) written test

**The written test will be used as a tie breaker!**

## WELDING TECHNOLOGY GUIDELINES

### PARTICIPANTS

Each school may enter up to four (4) participants from its senior class. The competition is limited to welding students in area vocational centers.

### AREAS OF COMPETITION

TIG-MIG, OFC  
Arc Welding

### PROCEDURES

Procedures will be e-mailed to participating schools.

Each student's welding is evaluated by a team of judges who are highly qualified in the field. The welds are visually tested in accordance with the guidelines set forth in the **A.W.S. Code Book**. Students will be awarded points in each procedural area. The individual that accumulates the greatest number of points will be the overall winner.

Specifics of the above areas of competition will be detailed with additional documentation from the technical coordinator.

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## **WELDING VOCATIONAL SCHOOL WELDING COMPETITION**

Four contestants, 12<sup>th</sup> grade ONLY, can participate from the Area Vocational Schools that we serve. The competition is divided into two categories. First category consists of TIG Welding, MIG Welding and Oxyfuel Cutting. The second consist of Arc Welding. Two students from each school will compete in each category.

The following is an explanation of the Welding Contest:

### **Welding Contest**

#### **TIG**

1/4" X 8" Carbon steel (flat and vertical position) Lap and T joints a single pass on both side.  
Note: 40 minutes time limit on TIG welding competition per student.

#### **MIG**

1/4" tee joint, 12" long. Weld a single pass in the flat position on one side and a single pass in the vertical position on the other side, using .035" wire and 75/25 gas, vertical position must be vertical up.

#### **OXY-FUEL CUTTING (OFC)**

1. Straight line cut, 6" wide using 1/4" plate.
2. Circle cut, 2" diameter hole, using 1/4" plate.
3. Square cut, 2" square hole, using 1/4" plate.

#### **ARC**

1/4" x 8" tee joints carbon steel

One tee joint 7018 root pass on one side + three filler passes on the other side (flat position)

One tee joint 7018 root pass on one side + three filler passes on the side (vertical position)

Each student's welds are evaluated by a team of two or more judges from the welding community that we serve. The welds are visually tested in accordance with the guidelines set forth in the A.W.S. code book and students will be awarded points to determine the overall winner.

The awards will be made as follows:

#### **TIG-MIG-OFC**

1<sup>st</sup> Place Trophy

2<sup>nd</sup> Place Trophy

3<sup>rd</sup> Place Trophy

#### **ARC**

1<sup>st</sup> Place Trophy

2<sup>nd</sup> Place Trophy

3<sup>rd</sup> Place Trophy

Instructors please note the following:

1. 12<sup>th</sup> graders only may compete. Any other grades will be disqualified.
2. All contestants are required to wear safety glasses.

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3. All contestants are required to wear work boots and appropriate clothes (blue jeans and cotton shirt).
  4. All contestants are to bring the following tools and supplies:
    - (a) Helmet
    - (b) Gloves
    - (c) Cutting goggles
    - (d) Chipping hammer
    - (e) Wire brush
    - (f) Spark lighter
    - (g) Tip cleaners
    - (h) Pliers
    - (i) Soap stone
    - (j) Measuring tape
    - (k) Leather jacket (if needed)
    - (l) Welding cap
  5. Contestants will not be allowed to compete if they do not meet the above requirements.
  6. A 10% penalty will be included on the judges' score sheet in each category for safety violations.