Southwestern Interscholastic Meet

SWOSU SWIM

Thursday, March 24, 2022

Weatherford, Oklahoma

Dear Academic Coach/Sponsor:

This year we will be hosting the annual Southwestern Interscholastic Meet (SWIM) on **Thursday, March 24th.** Inside this booklet, you will find the rules, regulations and general test information. Please read all instructions carefully and submit all entries by 5:00 p.m. on **Friday, March 4th**.

Please note that all entries must be submitted using the SWIM Entry Form through the SWOSU website. Feel free to print a blank form to pass around to teachers at your school to collect students' names; however, mailed or faxed copies of the entry form will not be accepted. Please use the SWIM Substitution/ Addition Form for any entry revisions. If you have any questions or problems with either of the forms, then please let me know. You may reach me by phone at 580-774-3782 or by email at taler.alexander@swosu.edu.

A campus map is also available on our *website.* Feel free to make copies of it so that your students may make themselves familiar with test locations prior to arriving on campus.

If you have any questions, please do not hesitate to contact me.

We hope you are able to participate and look forward to having you and your students on our campus in March!

Sincerely,

Taler Alexander

Taler Alexander
SWIM Director

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GENERAL RULES AND REGULATIONS

Schools will compete in their assigned classification. All home school participants will compete at the Class I or large school level. School Class is determined as follows:

Class I: Schools with 600 or more students enrolled in grades 9 - 12 or homeschool students

Class II: Schools with 151 to 599 students enrolled in grades 9 - 12

Class III: Schools with less than 150 students enrolled in grades 9 - 12

1. General headquarters for all events will be maintained in the Gen. Thomas P. Stafford Center, Room 207. All communications should be addressed to Mrs. Taler Alexander, SWIM Director, Southwestern Oklahoma State University, 100 Campus Drive, Weatherford, Oklahoma 73096 or *taler.alexander@swosu.edu.*
2. All entries must be submitted by 5:00 p.m., Friday, March 4, 2022.
3. To be eligible to enter a contest, the contestant must be regularly enrolled in high school and must be doing creditable work in no less than three units or half-unit subjects.
4. Please do not enter more contestants than the allotted number per contest.
5. Unless otherwise stated, objective tests will be given in all curricular contests.
6. Students should observe the schedule carefully to be sure that they are not entered in two or more contests scheduled at the same time.
7. Students should be properly registered and on time for each contest.
8. **STUDENTS ARE NOT ALLOWED TO ENTER THE SAME CONTEST IN WHICH THEY HAVE PREVIOUSLY COMPETED.**
9. If a student arrives late for an exam, it will be the individual instructor's decision as to whether or not the student will be allowed to test. Under no circumstances will a student be allowed to begin a curricular exam after another student has completed the exam or exited the room.
10. Only first, second, and third-place winners will be announced. High school sponsors will be notified of their students' rankings. Winners will also be posted on the ***SWIM website*** following the competition.

AWARDS

CONTESTANTS: Individual certificates of achievement will be awarded to first, second and third-place winners of each event.

SCHOOL: Sweepstakes plaques will be awarded to Class I, II and III overall winners. Plaques will be awarded by class in each of the nine subject areas: Fine Arts, Biological Sciences, Business, Computer Science, Language Arts, Mathematics, Physical Sciences, Social Sciences and Technology.

Points will be awarded as follows:	1st place -	3 points
	2nd place -	2 points
	3rd place -	1 point

SCHEDULE OF CONTEST EVENTS BY DEPARTMENT

FINE ARTS

A. **ART HISTORY EXAM**
Supervisor: Dr. Todd Parker
Time: 3:00 p.m.
Place: Campbell Building, Room 107
Two contestants may enter from each high school. The Art History Exam will cover the art of Western Civilization from the Paleolithic period through the modern era. The test will consist of sixty objective questions (true-false, multiple choice and matching) corresponding to a collection of twenty slides to be shown during the test. All materials needed for the Art History Exam will be provided by the SWOSU Art, Communication & Theatre Department.

B. **MUSIC FUNDAMENTALS** (Non-Advanced)
Supervisor: Dr. David Bessinger
Time: 2:00 p.m.
Place: Berrong Music Hall, Room 101
Two contestants may enter from each high school. Students who have completed an Advanced Placement course in Music Theory will not be allowed to register for this exam. The exam will consist of 75 objective questions. The exam will cover basic information and concepts of note reading, rhythm, keys and key signatures, scales triads and common musical terms.

C. **ADVANCED MUSIC THEORY**
Supervisor: Dr. Philip Martinson
Time: 3:00 p.m.
Place: Berrong Music Hall, Room 101
Two contestants who have completed or are currently taking an Advanced Placement Music Theory course may enter from each high school. The exam will consist of 75 objective questions with some musical examples. The test is designed for students with some formal instruction in Music Theory. The exam will cover information and concepts of note reading, triads and common musical terms and symbols.

BIOLOGICAL SCIENCES

A. **BIOLOGY I** (First Year Students Only)
Supervisor: Dr. Eric Paul and Dr. Mark Garcia
Time: 3:00 p.m.
Place: Science Building, Room 212
Objective examination of facts, principles, and generalizations, based mainly on the first three-fourths of adopted biology texts. Emphasis on commonalities of living organisms including cells, genetic basis of life and organization of living systems. Limited to first year biology students only and two contestants per school.

B. **BIOLOGY II** (Second Year Students or Higher)
Supervisor: Dr. Lisa Boggs and Dr. Gina McGrane
Time: 2:00 p.m.
Place: Science Building, Room 212
Objective examinations of facts, principles and generalizations emphasizing the diversity and characteristics of plants and animals, based mainly on the first three-fourths of the adopted biology texts. Limited to second year or higher biology students and two contestants per school.

C. **ANATOMY AND PHYSIOLOGY** (Second Year Students or Higher)
Supervisor: Dr. Muatasem Ubeidat and Dr. Vijay Somalinga
Time: 1:00 p.m.
Place: Science Building, Room 212
Objective examinations of facts, principles and generalizations of human anatomy and physiology emphasizing structure and functions of cells, tissues and organs of the integumentary, musculoskeletal, nervous and sensory, cardiovascular, respiratory and digestive organ systems. Based mainly on the first three-fourths of the adopted texts. Limited to second year or higher biology students and two contestants per school.

BUSINESS

A. **ACCOUNTING** (First Year Students only)
Supervisor: Dr. Roxanne Davis and Ms. Sarah King
Time: 12:00 p.m.
Place: Gen. Thomas P. Stafford Center, Room 112
Two contestants may enter from each school. Those students currently enrolled in first-year accounting are eligible to compete. They will be required to demonstrate their proficiency in accounting theory and analyzing business transactions. Students will need to bring pencils–hand calculators may be used.

B. **GENERAL BUSINESS**
Supervisor: Dr. Holley McKee and Dr. Hank Ramsey
Time: 2:00 p.m.
Place: Gen. Thomas P. Stafford Center, Room 108
Contest will include objective questions on understandings of the fundamental process of the American business world. No more than two contestants from each school may enter.

F. **LEADERSHIP**
Supervisor: Mr. Nate Hicks and Dr. Todd Wiggen
Time: 1:00 p.m.
Place: General Thomas P. Stafford Center, Room 108
Two contestants may enter from each school. This exam covers concepts related to leadership: trait theory, transformational leadership, situational leadership, behavioral approaches to leadership, authentic leadership, adaptive leadership, transactional leadership LMX, path-goal theory, skills approach to leadership, and gender.

D. **MICROSOFT OFFICE SKILLS ASSESSMENT**
Supervisor: Dr. Lincoln Brown and Dr. Marc Leonard
Time: 2:00 p.m.
Place: General Thomas P. Stafford Center, Room 110
Two contestants may enter from each school. Objective examination covering Microsoft Windows and beginning Word 2010 concepts. Students should be currently enrolled in a class that utilizes office productivity software.

E. **MANAGEMENT AND MARKETING**
Supervisor: Dr. Amanda Evert and Dr. Geo Kelly
Time: 3:00 p.m.
Place: General Thomas P. Stafford Center, Room 112
Two contestants may enter from each school. This exam covers concepts related to management: ethics and social responsibility; planning and decision making; leadership, power and motivation; controlling and communication as well as marketing: segmenting, targeting and positioning; customers and market research; distribution and promotion.

F. **PERSONAL FINANCIAL LITERACY**
Supervisor: Dr. Raygan Chain and Dr. David Kelly
Time: 3:00 p.m.
Place: General Thomas P. Stafford Center, Room 110
Two contestants may enter from each school. This exam covers concepts related to personal finance, including: budgeting, taxes, banking, investing, loans, insurance, identity theft, retirement planning, mortgages and home buying.

COMPUTER SCIENCE

A. **C++ PROGRAMMING**
Supervisor: Dr. Brian Rickel
Time: 2:00 p.m.
Place: Gen. Thomas P. Stafford Center, Room 112
Objective examination covering the C++ programming language. Only two contestants may enter from each school.

B. **SPREADSHEETS**
Supervisor: Dr. Brian Rickel and Ms. Kim Zachary
Time: 3:00 p.m.
Place: Gen. Thomas P. Stafford Center, Room 108
Objective examination covering Microsoft Excel concepts. Limited to two contestants from each school.

C. **HTML and WEB PAGE DESIGN**
Supervisor: Dr. Jeremy Evert
Time: 1:00 p.m.
Place: Gen. Thomas P. Stafford Center, Room 123
Objective examination covering the basics of the HTML web page design language. Only two contestants may enter from each school.

D. **JAVA**
Supervisor: Dr. Karen Sweeney
Time: 3:00 p.m.
Place: Gen. Thomas P. Stafford Center, Room 123
Objective examination covering the basic Java language. Only two contestants may enter from each school.

E. **VISUAL BASIC**
Supervisor: Ms. Kim Zachary
Time: 2:00 p.m.
Place: Gen. Thomas P. Stafford Center, Room 123
Objective examination covering Visual Basic programming language. Only two contestants may enter from each school.

LANGUAGE AND LITERATURE

A. **ENGLISH LITERATURE**
Supervisor: Dr. Amanda Smith
Time: 1:00 p.m.
Place: Student Union Ballroom
Objective type of literacy acquaintance test will be given. A high school is entitled to two contestants.

B. **AMERICAN LITERATURE**
Supervisor: Ms. Natasha Tinsley
Time: 2:00 p.m.
Place: Student Union Ballroom
Objective type of literacy acquaintance test will be given. A high school is entitled to two contestants.

C. **ENGLISH USAGE**
Supervisor: Dr. Kelley Logan
Time: 12:00 p.m.
Place: Student Union Ballroom
Objective type of test will be given. A high school is entitled to two contestants.

D. **SPELLING**
Supervisor: Dr. Denise Landrum-Geyer
Time: 3:00 p.m.
Place: Student Union Ballroom
Two contestants from a school may compete. Regulations for this contest are as follows:
1. The test will consist of multiple choice lists.
2. The student missing the fewest words will be declared the winner.
3. Webster's dictionary will be used as an authority for judging.

ALL SPANISH TESTS:
NOTE: Two contestants from a school may compete in each language contest. Students whose personal backgrounds make them essentially "native speakers" of a foreign language, or a language closely related to it, may not compete with other students whose knowledge of the language is classroom derived only. Speakers of Portuguese from Europe or Latin America are considered "native speakers" of Spanish. A school may enter two students from each group–they will be scored separately. "Native Speakers" should be entered as such on the entry form. Points won by these students do not count toward the school's overall ranking. However, such students will be recognized and honored for their abilities.

E. **SPANISH I** (First Year Students Only)
Supervisor: Dr. Cynthia Peña
Time: 3:00 p.m.
Place: Wellness Center, Room 221
Two contestants from a school may compete. One-half of the contest score will be based on a written test covering the grammatical points as well as information of cultural interest ordinarily found in the first year of high school Spanish. One-half will be oral, consisting of oral comprehension of taped material.

F. **SPANISH II** (Second Year Students Only)
Supervisor: Dr. Cynthia Peña
Time: 1:00 p.m.
Place: Wellness Center, Room 221
Two contestants from a school may compete. One-half of the contest score will be based on a written test covering the grammatical points as well as information of cultural interest ordinarily found in the first two years of high school Spanish. One-half will be oral, consisting of oral comprehension of taped material.

E. **NEWS EDITING**
Supervisor: Dr. Loran Lewis
Time: 1:00 p.m.
Place: Campbell Building, Room 211
An objective test of journalism usage and editing skills will be given. The AP Stylebook will be used as the final standard for judging student answers. Only one contestant per high school.

MATHEMATICS

A. **ALGEBRA I** (First Year)
Supervisors: Ms. Cathy DeVaughan and Mr. Warren Akers
Time: 2:00 p.m.
Place: Gen. Thomas P. Stafford Center, Room 104
Only two contestants may enter from each school. Test will be given on the first year of high school algebra (not including quadratic equations). Students with more than one year of algebra are not eligible to compete.
Calculators will not be permitted.

B. **ALGEBRA II** (Second Year)
Supervisors: Ms. Cathy DeVaughan and Dr. Ron Koehn
Time: 1:00 p.m.
Place: Gen. Thomas P. Stafford Center, Room 104
Only two contestants may enter from each school. Test will be given on about one and one-half years of high school algebra. All high school students are eligible to compete except for those who have previously taken this exam.
Calculators will not be permitted.

C. **GEOMETRY**
Supervisors: Dr. Hung-Chieh Chang and Dr. Swarup Ghosh
Time: 3:00 p.m.
Place: Gen. Thomas P. Stafford Center, Room 104
Only two contestants may enter from each school. Tests will be given on approximately three-fourths of the course of study in plane geometry. Calculators will not be permitted.

D. **PLANE TRIGONOMETRY**
Supervisors: Dr. Rom Koehn and Dr. Michael Dougherty
Time: 2:00 p.m.
Place: Campbell Building, Room 307 (overflow in CAM 304)
Only two contestants may enter from each school. Test will be given on trigonometric functions, equations, identities, graphs, solutions of triangles (including oblique) and complex numbers. Scientific calculators are permitted --- graphing calculators will not be allowed (students must furnish their own calculators).

E. **MODERN MATHEMATICS**
Supervisors: Ms. Kathy O'Neal and Ms. Jacy Soliz
Time: 3:00 p.m.
Place: Campbell Building, Room 307 (overflow in CAM 304)
Only two contestants may enter from each school. Test will cover concepts from a four-year program in modern high school mathematics. Scientific calculators are permitted ---- graphing calculators will not be allowed (students must furnish their own calculators).

PHYSICAL SCIENCES

A. **CHEMISTRY**
Supervisor: Dr. David Martyn
Time: 3:00 p.m.
Place: Chemistry-Pharmacy-Physics Building, Room 116 (overflow in CPP 255)
Only two contestants may enter from each school. Objective examinations of facts, principles and generalizations based on the adopted texts. Calculators may be used but are not provided.

B. **GENERAL SCIENCE**
Supervisor: Dr. Doug Linder
Time: 2:00 p.m.
Place: Chemistry-Pharmacy-Physics Building, Room 116
Only two contestants may enter from each school. Objective examination which emphasizes the application of scientific principles, concepts, generalizations and processes to areas of study selected from the adopted texts.

C. **EARTH SCIENCE**
Supervisor: Dr. Brian Campbell
Time: 1:00 p.m.
Place: Chemistry-Pharmacy-Physics Building, Room 116
Only two contestants may enter from each school. Objective examinations on the principles of earth sciences including geology, meteorology and astronomy as discussed in adopted texts.

D. **PHYSICS**
Supervisor: Dr. Wayne Trail
Time: 12:00 p.m.
Place: Chemistry-Pharmacy-Physics Building, Room 207 (overflow in CPP 252)
A generalization of the contestant's knowledge and understanding of the facts, laws and principles of physics. Areas included are mechanics, electricity and magnetism, heat, sound, light and modern physics. Contestants may use a calculator. Up to three contestants may enter from each school.

SOCIAL SCIENCES

A. **OKLAHOMA HISTORY**
Supervisor: Dr. Sunu Kodumthara
Time: 3:00 p.m.
Place: Science Building, Room 208
The examination will cover information concerning European exploration, removal of the Five Civilized Tribes, the Civil War and Reconstruction in Indian Territory, the society and culture of the plains Indians, statehood and the development and image of Oklahoma since 1907. Only one contestant may enter from each school.

B. **AMERICAN HISTORY**
Supervisor: Dr. Fred Gates
Time: 1:00 p.m.
Place: Science Building, Room 208
The examination will include questions concerning events, issues, attitudes and problems relating to both domestic affairs and foreign relations of the United States. Political, social and economic issues will be covered until the end of the Cold War. Only one contestant may enter from each school.

C. **WORLD HISTORY**
Supervisor: Dr. Laura Endicott
Time: 2:00 p.m.
Place: Science Building, Room 208
This examination will cover the influence of key personalities as well as the development of ideas, institutions, religion and political history in both the western and nonwestern world from ancient times through World War II with an emphasis on the period since the middle ages. Only one contestant may enter from each school.

D. **CIVICS** (Grades 8 & 9 only)
Supervisor: Dr. Heather Katz
Time: 3:00 p.m.
Place: Campbell Building, Room 104
Questions will be given on materials from standard high school texts. Some questions will be of current civic interest. Only one contestant may enter from each school. Grades 8 or 9 only.

E. **AMERICAN GOVERNMENT** (Grades 10-12 only)
Supervisor: Dr. Dan Brown
Time: 12:00 p.m.
Place: Science Building, Room 208
Only one contestant may enter from each school. Grades 10-12 only.

F. **GEOGRAPHY**
Supervisor: Dr. Becky Bruce
Time: 12:00 p.m.
Place: Campbell Building, Room 104
Questions will be presented concerning cultural, physical, urban and environmental concerns. Only one contestant may enter from each school.

G. **PSYCHOLOGY**
Supervisor: Dr. Jorie Edwards
Time: 1:00 p.m.
Place: Parker Hall, Room 135
A general objective type examination of the contestant's knowledge and understanding of the basic principles of human and animal behavior will be administered. General psychology textbooks will serve as the basis for this test. Two contestants may enter from each school.

H. **SOCIOLOGY**
Supervisor: Dr. Howard Kurtz
Time: 1:00 p.m.
Place: Campbell Building, Room 104
The examination will cover basic principles of sociology. "Introduction to Sociology" will serve as the basis for the exam. Two contestants may enter from each school.

I. **ECONOMICS**
Supervisor: Dr. Jerry Dunn
Time: 2:00 p.m.
Place: Campbell Building, Room 104
Contest will include objective questions on economic understandings of the American economic system. No more than two contestants from each school may enter.

TECHNOLOGY

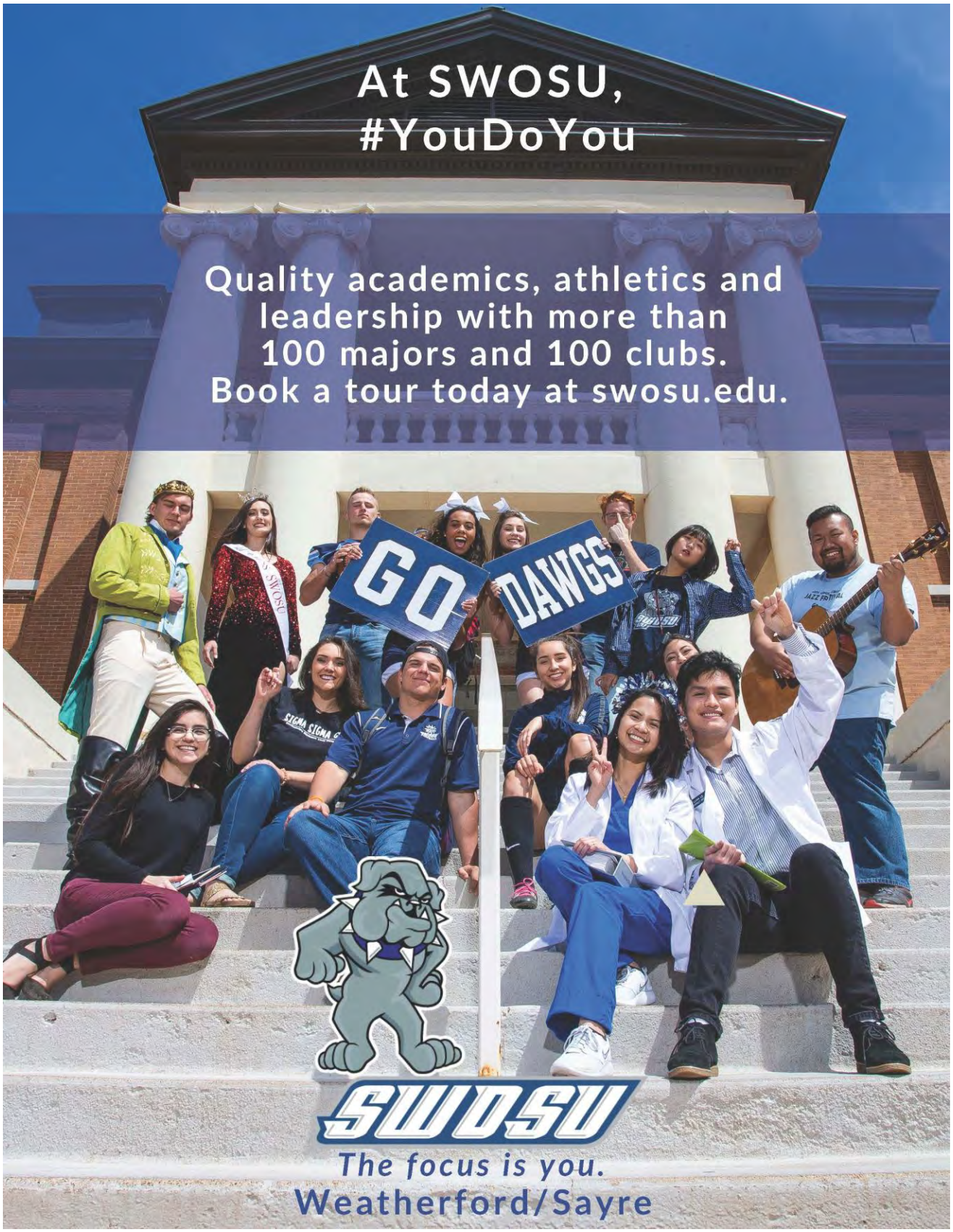
A. **GENERAL TECHNOLOGY EDUCATION I** (9th & 10th grades only)
Supervisor: Mr. Aaron Thiessen
Time: 2:00 p.m.
Place: Technology Stone Building, Room 103
Two contestants may enter from each school. The contest will consist of a 50-minute general examination of manufacturing materials, tools, operations and the math/science principles and calculations which support them. Restricted to 9th and 10th grade students only.

B. **GENERAL TECHNOLOGY EDUCATION II** (11th & 12th grades only)
Supervisor: Mr. Brett Chase
Time: 3:00 p.m.
Place: Technology Stone Building, Room 103
Two contestants may enter from each school. The contest will consist of a 50-minute general examination of manufacturing materials, tools, operations and the math/science principles and calculations which support them. Restricted to 11th and 12th grade students only.

C. **ELECTRICITY/ELECTRONICS**
Supervisor: Ms. Cindi Albrightson
Time: 12:00 p.m.
Place: Technology Stone Building, Room 103
Two contestants may enter from each school. Contest will consist of a general examination and identification of electronic components. Calculators are permitted.

AFFIRMATIVE ACTION COMPLIANCE STATEMENT

Southwestern Oklahoma State University in compliance with Title VI and Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, Section 402 of the Readjustment Assistance Act of 1974, Americans with Disabilities Act of 1990 and other Federal laws and regulations does not discriminate on the basis of race, color, ethnicity, national origin, sex, age, religion, disability, political affiliation or status as a veteran in any of its policies, practices or procedures. This includes but is not limited to admissions, employment, financial aid and educational services.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