



# SCHOLASTIC CONTEST

**SUCCESS**

**MARCH 17, 2021**

GRADES 9-12

**Northeast**  
community college

# Scholastic Contest Previous Winners

## 2019

Class C Wayne Community Schools  
Class D Wausa Public School

## 2018

Class C O'Neill Public Schools  
Class D Bancroft-Rosalie Schools

## 2017

Class C Wayne Community Schools  
Class D St. Mary's High School - O'Neill

## 2016

Class C Wisner-Pilger High School  
Class D St. Mary's High School - O'Neill

## 2015

Class C Pierce High School  
Class D St. Mary's High School - O'Neill

## 2014

Class C Wisner-Pilger High School  
Class D Lindsay Holy Family School

## 2013

Class C Wayne Community Schools  
Class D St. Mary's High School - O'Neill

## 2012

Class C Wisner-Pilger High School  
Class D West Boyd Schools

## 2011

Class C O'Neill Public Schools  
Class D West Point Central Catholic

## 2010

Class C Norfolk Catholic High School  
Class D Orchard High School

## 2009

Class C Wisner-Pilger High School  
Class D Clearwater High School

## 2008

Class C Wisner-Pilger High School  
Class D Clearwater High School

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## ENTRY

Scholastic Contest entries must be received by the Northeast Community College Educational Services Office on or before **February 18, 2021**. All entries must be submitted electronically via email on the official entry form template and are considered final. In the case of emergencies, please contact Doris Holmquist at 402-844-7114 or [doris@northeast.edu](mailto:doris@northeast.edu). ***No late registrations or student substitutions will be allowed after the February 18 deadline.***

## ELIGIBILITY

Contestants shall be a bona fide high school student, grades 9 through 12, doing at least passing work during the previous semester enrolled. Students should not be registered for a test when they are enrolled in or have taken the next higher level academic course, such as in Mathematics or Spanish. If students have previously taken a specific subject exam, they are ineligible to repeat the exam at a later date.

## EVENT CANCELLATION

If weather conditions are severe, it may result in cancellation of the Scholastic Contest event. Weather-related announcements will be broadcast via the Northeast Community College website ([northeast.edu](http://northeast.edu)), the college automated phone system (1-800-348-9033), and all area radio and TV stations. The decision to cancel will be made by 5:00 a.m., or shortly thereafter, on the morning of the event. If Northeast Community College is closed, all student events are also cancelled. High school officials should use their discretion to determine if weather and road conditions in their immediate area make travel hazardous for their students.

## COMPETITION RULES

1. Participating high schools will safeguard exam integrity, provide adult proctoring during each testing period, and assure students are observed for academic integrity throughout the entire testing period.
2. Testing periods will be 60 minutes in length. Exams will be given only at the time scheduled.
3. The number of contestants from any one school in any test will be limited to ONE. No individual student may be registered for more than one test during the same time period. Each individual student may be registered for no more than TWO separate tests. Exception is allowed for the Spanish exams; whereas one student PER SCHOOL can register in Section A and one student PER SCHOOL in Section B.
4. Students will not be allowed to use cell phones or other external devices, other than permitted calculators specifically noted in test descriptions while testing. Violators will be disqualified from the exam.
5. Student testing accommodations must be requested in writing by a high school official 10 working days prior to the event. Requests should be sent to Doris Holmquist, [doris@northeast.edu](mailto:doris@northeast.edu).
6. High schools are prohibited from copying or photographing or distributing tests/questions in any manner. All tests/questions remain the property of Northeast Community College and are routinely reviewed and updated by College faculty. Tie breaker questions will be used when required to determine placing. All decisions are final.
7. Northeast Community College does not discriminate on the basis of sex, handicap, race, color, age, religion, marital status, veteran's status, or national or ethnic origin in educational programs, admissions policies, employment policies, financial aid, or other college-administered programs.
8. Inquiries concerning the Scholastic Contest or a specific exam should be addressed to Doris Holmquist, [doris@northeast.edu](mailto:doris@northeast.edu) or the Educational Services Office at (402) 844-7114.

## SCHOLARSHIPS/TUITION WAIVERS

The Northeast Community College Foundation has authorized two \$1,000.00 scholarships for the 2021-2022 academic year to be awarded as part of the Scholastic Contest competition. The \$1,000.00 scholarship will be awarded to the school whose team places first in each class of competition: Class C and Class D.

The scholarship recipient must be a student who:

1. Participated in the 2021 Northeast Community College High School Scholastic Contest.
2. Will graduate from high school in 2021.
3. Registers as a full-time student at Northeast for the 2021-2022 academic year.

In addition to the \$1,000.00 scholarship granted to the winning schools in Class C and Class D, Northeast will be awarding tuition waivers valued at \$1,000.00 each (one-half awarded in the fall and spring terms) to seniors who earn first place in their exam. The tuition waivers will be awarded to the 12 seniors in each class with the highest percentage grade on the test that earned the student first place. The College will determine any tie-breaker situations.

School officials are asked to contact the Financial Aid Office at Northeast Community College and provide them with the scholarship/tuition waiver recipient's name, when determined.

## EXAM ACCESS

High school representatives (proctors) will be given log in directions to the virtual testing platform one week prior to the event. Access to the virtual testing platform will be available only on March 17, 2021.

- The designated proctor will be given a username specific to their high school and is required to attend a session for device testing.
- A back-up proctor is strongly recommended and should also participate in a session for device testing.
- The 15-minute window prior to each testing period should be used by students to log in, find the appropriate exam, and be ready to test when the exam is unlocked.
- High schools can provide blank scrap paper for students to use in calculations. Paper must be collected after the exams conclude.

## TECHNOLOGY NEEDS

To minimize technology issues on the contest date, Northeast staff have these recommendations:

- Each student will need to use a computer, preferably a desktop or laptop as Chromebooks and Apple devices tend to have difficulties with test images.
- The ONLY Browsers that may be used are Google Chrome (best) or NEW Edge.
- The week prior to the competition, each high school will be provided directions to test student devices for the latest browsers and ability to link to the College system.
- The designated proctor(s) and back-up must be the person(s) participating in the session for device testing.
- Directions to the device testing session will be forth coming in a separate email from the Educational Services office.

## PRESENTATION OF AWARDS

Awards will be presented via a virtual session beginning at 1:45 p.m. (Link will be shared at a later time.) Individual student names will be recognized for first, second, and third place in each test, in each class of the Scholastic Contest competition and medals will be awarded. (If only one school enters a class, only one medal will be awarded.) High School Team plaques will also be awarded to the top three high schools receiving the most points in Class C and in Class D. Scoring is based on the following system:

First Place, 3 points | Second Place, 2 points | Third Place, 1 point

In addition, certificates of participation will be given to all registered contestants. Following the Scholastic Contest, certificates, medals, plaques, and a summary report of the respective school's students will be forwarded to the school official identified in previous correspondence.



# Test Time Schedule

## 8:30 a.m. - 9:30 a.m. Test Session 1

### Subject

Administrative Professional  
Agri-Science  
Algebra I  
Art History  
Biology  
Chemistry  
Introduction to Wellness,  
Sports & Physical Education  
Parenting & Child  
Development  
Public Speaking  
Spanish I A & Spanish I B \*  
Spanish II A & Spanish II B \*  
Trigonometry  
Vocabulary  
Welding \*

## 9:45 a.m. - 10:45 a.m. Test Session 2

### Subject

Accounting I  
Accounting II  
Algebra II  
American Government  
Anatomy & Physiology  
Business Law  
Foods & Nutrition  
Geometry  
Introduction to Psychology  
Library Usage  
Literature  
Music  
Plant Science \*  
Technical Mathematics  
World History

## 11:00 a.m. - 12:00 p.m. Test Session 3

### Subject

American History  
Business English  
Calculus  
Computer Literacy  
Drafting  
English Composition  
General Science  
Geography  
Medical Terminology  
Personal Finance  
Physics

*Gray highlights indicate new exam or format \**

# Test Descriptions

## **ACCOUNTING I** - 9:45 a.m.

High school students taking their first semester of accounting are eligible for this test. Questions will focus on the forms of business ownership, the accounting cycle, transaction analysis, journal entries, adjusting and closing entries, and financial statement preparation. The exam is comprised of multiple-choice questions covering definitions and theory as well as problem solving.

Simple calculators will be allowed but must be provided by the student. In the event of a tie, the first student finished with the test will receive the higher placing. Electronic devices are to be turned off and stored in backpacks, pockets, or purses before the student enters testing area. Any electronic device that is in use or visible will result in student being dismissed from test. Cell phone calculators will not be allowed.

## **ACCOUNTING II** - 9:45 a.m.

Students who have taken or who are taking a second year of high school accounting are eligible for this test. Questions will focus on depreciation, inventory, payroll, ethics, correcting errors, merchandising operations, and financial analysis. In addition, all Accounting I topics may reappear in the Accounting II exam. The exam will consist of multiple choice questions.

Simple calculators will be allowed but must be provided by the student. In the event of a tie, the first student finished with the test will receive the higher placing. Electronic devices are to be turned off and stored in backpacks, pockets, or purses before the student enters testing area. Any electronic device that is in use or visible will result in student being dismissed from test. Cell phone calculators will not be allowed.

## **ADMINISTRATIVE PROFESSIONAL** - 8:30 a.m.

This test will be multiple-choice and will include the following areas: professional business behaviors, customer service, global communication, time management, meeting and event planning, travel arrangements, records management, basic financial functions, written communication, workplace teams, and leadership.

## **AGRI-SCIENCE** - 8:30 a.m.

The Agriculture exam will cover all areas of Agriculture Science. Questions on the exam will be from the following areas: Agronomy, Animal Science, Agri-Business, and Mechanized Agriculture.

## **ALGEBRA I** - 8:30 a.m.

Students eligible for participation in the Algebra I test are those presently enrolled in first-year algebra in high school or those who have not taken a higher-level course. The test is multiple-choice and contains topics covered in a comprehensive first-year high school algebra course.

Scientific, non-graphing calculators may be used during the test. All calculators must be checked prior to the beginning of the exam. Anyone possessing a graphing calculator will be required to leave it with the proctor until the end of the testing period. Cell phone calculators will not be allowed.

## **ALGEBRA II** - 9:45 a.m.

Students eligible for participation in the Algebra II test are those presently enrolled in second-year algebra in high school or those who have taken no higher level course. The test is multiple-choice containing topics covered in a comprehensive second-year high school algebra course.

Scientific, **non-graphing**, non-programmable calculators may be used during the test. All calculators must be checked prior to the beginning of the exam. Anyone possessing a programmable graphing calculator will be required to leave it with the proctor until the end of the testing period. Cell phone calculators will not be allowed.

## **AMERICAN GOVERNMENT** - 9:45 a.m.

This will be a comprehensive, objective exam which includes the Constitution, federalism political parties, Congress, Presidency, Federal Courts, and other traditional topics.

**AMERICAN HISTORY** - 11:00 a.m.

This test consists of objective test questions in American History from early beginnings to the present day.

**ANATOMY AND PHYSIOLOGY** - 9:45 a.m.

This exam is an introduction to the form and function of the human body. Questions on organization, basic chemistry, cells, tissues, skin, skeletal system, muscular system, and nervous system will be included.

**ART HISTORY** - 8:30 a.m.

The test is multiple-choice, covering Western Art from the beginning of time to the present day.

**BIOLOGY** - 8:30 a.m.

This test will cover basic biologic concepts found in commonly-used high school biology texts. It will be open to students who have or are taking high school biology classes.

**BUSINESS ENGLISH** - 11:00 a.m.

The test will consist of 100 questions covering the concepts of basic grammar, sentence analysis, capitalization, plural and possessive nouns, similar words, number usage, and punctuation. Questions will be multiple-choice.

**BUSINESS LAW** - 9:45 a.m.

This is a comprehensive, multiple-choice and true or false test covering contracts, real property, personal property, court system, agency, and terminology.

**CALCULUS** - 11:00 a.m.

This test is multiple-choice and contains questions on limits, continuity, derivatives, integrals, and their applications.

Scientific or Graphing (TI-86 or below or equivalent) calculators may be used during the test. CAS systems are prohibited. All calculators must be checked prior to the beginning of the exam. Anyone possessing a higher calculator will be required to leave it with the proctor until the end of the testing period. Cell phone calculators will not be allowed.

**CHEMISTRY** - 8:30 a.m.

This test includes structure, periodic trends, nomenclature, reactions, concentrations, and acid-base concepts. Calculators will be allowed.

**COMPUTER LITERACY** - 11:00 a.m.

Multiple-choice questions will cover information technology topics. Topics such as hardware components, input and output devices, CPU, storage, microcomputers, telecommunications, systems analysis and design, security, privacy, management information systems, and database systems will be included.

**DRAFTING** - 11:00 a.m.

The drafting test will consist of multiple-choice questions. The questions relate to fundamentals of drafting and Autodesk software applications.

**ENGLISH COMPOSITION** - 11:00 a.m.

The English Composition test is composed of eight parts: 1) use of apostrophe, 2) sentence coordination, 3) faulty parallelism, 4) pronoun consistency, 5) logical order/paragraph organization, 6) commonly confused words, 7) sentence fragments, and 8) comma splice/run-on sentences.

**FOODS AND NUTRITION** - 9:45 a.m.

Students who have been or are enrolled in any home economics courses with reference to foods and nutrition are eligible to take this test. Test topics will include: Food Composition and Nutrition, Food Selection, Preparation Techniques, Management of Preparation, and Meal Services.

**GENERAL SCIENCE** - 11:00 a.m.

This test is open to students presently enrolled in a general science course. The test will be objective in nature and will include topics found in the typical high school science class.



**GEOGRAPHY** - 11:00 a.m.

This exam will test the students' knowledge in physical, political, economic and cultural geographic themes. Questions will also include a mapping component.

**GEOMETRY** - 9:45 a.m.

Those eligible to participate in this exam are high school students now enrolled in a high school geometry course. The test is multiple-choice and contains questions on topics such as lines, angles, triangles, parallel lines, quadrilaterals, circles, similar figures, and loci.

Scientific calculators may be used during the test. Graphing calculators or cell phone calculators will not be allowed.

**INTRODUCTION TO PSYCHOLOGY** - 9:45 a.m.

This test covers introductory information relating to the field of psychology, to include topics such as the history of psychology, contemporary perspectives of psychology, learning theory, memory, personality, growth and development, neurology, consciousness, abnormal behavior, therapies, intelligence, motivation, emotion, sensation, and perception.

**INTRODUCTION TO WELLNESS, SPORTS, AND PHYSICAL EDUCATION** - 8:30 a.m.

This multiple-choice test will cover knowledge and information from a sampling of Northeast Community College class offerings. High school freshmen through seniors may participate in this testing competition. Some areas that will be covered are wellness, sports, physical education, recreation, and activities related to classes.

**LIBRARY USAGE** - 9:45 a.m.

The test includes items relating to such general topics as the book, the Dewey decimal classification, library vocabulary and terms, reference books, the Internet, electronic indexes, and database use.

**LITERATURE** - 9:45 a.m.

The Literature test will be a multiple-choice exam covering the following areas: American, English, and World literature, fiction, drama, poetry, and mythology.

**MEDICAL TERMINOLOGY** - 11:00 a.m.

This test covers a typical high school course in Medical Terminology. Topics covered on the test include definitions of medical terms and correct spelling of medical terms.

**MUSIC** - 9:45 a.m.

This section of the Scholastic Contest is open to high school students currently participating in any curricular or extracurricular music activity or study. The test will include basic music theory, terms, and functions.

**PARENTING/CHILD DEVELOPMENT** - 8:30 a.m.

The exam will be multiple-choice and consist of questions dealing with good parenting principles and techniques. Areas such as genetics, reproduction, family structures, guidance techniques, moral development, as well as the growth and development of children and parents are included.

**PERSONAL FINANCE** - 11:00 a.m.

Students will be tested over information relating to money management, taxes, investments, personal credit, and insurance. Students may use a calculator and test is limited to one student per school.

**PHYSICS** - 11:00 a.m.

This test covers the usual topics found in most introductory physics texts.

**PLANT SCIENCE** - 9:45 a.m. \* **NEW EXAM**

The Plant Science Exam will consist of questions from the areas of plant biology, botany, and horticulture/plant science. This exam will include questions related to plant growth and development, metabolic processes, reproduction, pest and disease management, production, fertility and nutrient management, and general identification terminology.

*Gray highlights indicate new exam or format \**

**PUBLIC SPEAKING** - 8:30 a.m.

Students will be tested over elements of public speaking. Topics covered on the test include: informative speaking, listening, research, language, organization, rhetoric, ethics, persuasion, presentational aids, persuasive speaking, credibility, and verbal and non verbal communication.

**SPANISH I** - 8:30 a.m. **\* NEW EXAM**

The exam will be a combination of multiple-choice, fill in the blank, and a brief writing exercise focusing on vocabulary and grammar. Students who are eligible to participate in this exam are those currently studying first-year Spanish or those who have taken the first-year course but no higher-level course. Two sections of SPANISH 1 will be offered. Please read carefully to ensure the student is registered correctly. One student from each school may be registered in each section with a limit of 20 students per section.

**Section A:** This section is ONLY for students with NO previous experience with the Spanish language prior to their first-year Spanish course. Students whose primary home language is Spanish are NOT allowed in this section.

**Section B:** This section is for students who have previous experience with the Spanish language prior to their first-year course including those whose primary home language is Spanish.

**SPANISH II** - 8:30 a.m. **\* NEW EXAM**

This exam will be a combination of multiple-choice, matching and a series of conversational questions in Spanish that will be answered in Spanish. This test will be geared to the Spanish II level students. It will include multiple tense work and higher level grammar concepts. This test will NOT be appropriate for students that are in a beginning level I class. Two sections of SPANISH 2 will be offered. Please read carefully to ensure the student is registered correctly. One student from each school may be registered in each section with a limit of 20 students per section.

**Section A:** This section is for students whose only previous experience with the Spanish language is above their first-year Spanish course. Students whose primary home language is Spanish are NOT allowed in this section.

**Section B.:** This section is for students who have previous experience with the Spanish language above their first-year Spanish course including those whose primary home language is Spanish.

**TECHNICAL MATHEMATICS** - 9:45 a.m.

Students eligible for participation in this technical mathematics test are those presently enrolled in a general or applied mathematics course. The test is multiple-choice and contains questions from topics usually covered in general and applied mathematics classes in high school. Some topics include: graphing, Pythagorean Theorem, percent conversions, ratios, proportions, conversions, perimeter, area, volume, right triangle trigonometry, and basic algebra.

Bring a Scientific, non-programmable calculator for use during the test. All calculators must be checked prior to the beginning of the exam. Anyone possessing a programmable calculator will be required to leave it with the proctor until the end of the testing period. Cell phone calculators will not be allowed.

**TRIGONOMETRY** - 8:30 a.m.

Students eligible for participation in the Trigonometry test are those presently enrolled in trigonometry in high school. The test is multiple-choice containing topics covered in a comprehensive high school trigonometry course. ONLY scientific calculators are allowed; No graphing calculator or TI -Nspire will be allowed. Warning: The calculators may be checked by the test proctor. Please remove all unnecessary note cards and programs from your calculator or they may be deleted by the proctor. Failure to comply will result in taking the test without a calculator. Cell phone calculators will not be allowed.

**VOCABULARY** - 8:30 a.m.

The vocabulary test consists of 100 terms used in high school and college vocabulary textbooks. The test includes true/false, multiple-choice, matching, fill in the blank, and sentence writing using prescribed words.

**WELDING** - 8:30 a.m. \* **NEW EXAM**

This written exam will have a pool of questions covering general welding knowledge for you to choose from. All questions are multiple choice; choose the answer that is most correct.

Topics of study include: Oxy Fuel Cutting, GMAW, SMAW, GTAW, and General Welding.

**WORLD HISTORY** - 9:45 a.m.

This will be a multiple-choice question test that covers world history from the first civilizations emerging around 5000 BC until the beginning of the 21st century. The test is composed of questions pertaining to history's great events, philosophies, ideologies, wars, governments, and arts.



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# ***YOUR SUCCESS MATTERS***

Northeast is more than just a community college. We're a diverse community of students who have come together to generate innovative ideas, build on each other's experiences, and achieve success. You and your story are an important part of Northeast. **SUCCESS STARTS HERE.**

## **SCHEDULE A VISIT**

At Northeast, we believe some of the most meaningful connections are made one-on-one, and we want everyone to be safe and healthy. You can visit with a Northeast recruiter and/or a Northeast student ambassador virtually online or during an in-person tour at our Norfolk campus. We invite you to learn about the Northeast experience, on-campus living, student life, and our academic programs. Sign-up for a visit today and a recruiter will contact you soon!

**VISIT [NORTHEAST.EDU/CAMPUS-VISIT](https://www.northeast.edu/campus-visit)**

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