

NPCC 2024 Test Descriptions

SESSION 1 TESTS: 8:45-10:00 (unless noted)

Accounting Test **8:45-10:00** **Room 131**

1. No limit on participants per school
2. Grade levels: 11th-12th graders who have had or are currently taking accounting
3. Students should bring calculators

The multiple-choice exam covers the steps of the accounting cycle. Topics include journalizing, posting, trial balance, financial statements, adjusting and closing entries, and using special journals.

Biological Science **8:45-10:00** **HASC Room 203, 204, 206**

1. Two students per school
2. Grade levels: 10th-12th graders who have had or are currently enrolled in Biology
3. Testing format: Multiple Choice

Students planning to take the Biological Sciences exam should expect a multiple-choice exam covering the basic concepts of Biology. A successful student in this exam would have a strong desire to pursue a career in biology related fields: i.e. medicine, nursing, bio-technology, laboratory technology, agricultural sciences and dental technology and have at least one year of HS Biology.

Chemistry **8:45-10:00** **HASC Room 202**

1. One student per school (space will be limited to the first 24 registrants)
2. Grade levels: 11th-12th graders who have had or are currently enrolled in chemistry
3. Testing format: Multiple Choice & demonstration
4. Students will need to bring a scientific calculator (**graphing calculators are not allowed**).

Students planning to take the Chemistry exam should expect a multiple-choice exam covering the basic concepts of Chemistry. A successful student in this exam would have a strong desire to pursue a career in chemistry related fields. In addition to the test there will be a few demonstrations performed for students.

Dramatic Arts / Theater **8:45-10:00** **Theater**

1. Limit of two students per school
2. Grade levels: 9th-10th
3. Students should bring prepared dramatic work 3-5 minutes in length

Students planning to participate in the Dramatic Arts Competition must be prepared to present a 3-5 minute dramatic work for an audience (performers will be stopped at the five minute mark of the presentation). The presentation can be a monologue from a dramatic work, a cutting from a literature piece, or works of poetry (**a monologue is preferred!**). This presentation must be a solo performance that **must** be memorized. The dramatic presentation will be judged by a panel led by NPCC Theatre instructor Ritch Galvan. Judges will be evaluating; Character, Voice, and Movement. Awards will be given to top three performers.

Health Occupations**8:45-10:00****HASC Room 102 & 103**

1. Two students per school
2. Grade levels: 11th-12th graders considering a career in health occupations
3. Testing format: Multiple Choice
4. Presentation: Career exploration of health related careers including Emergency Medical Services, Dental Assisting, Medical Laboratory Technician, and Nursing

Are you interested in a career in Health Occupations? Do you thrive on challenges and responsibilities? Do you have a high standard for yourself and expect quality in the work you produce? Then any one of our exciting Health Occupations careers is where you belong. Maybe it is working in a dental office assisting dentists as a Dental Assistant. Or would you rather work in a lab as a detective that hunts for clues to determine what is going on with your patient as a Medical Laboratory Technician. You might want to help people in their time of need in an emergency as an Emergency Medical Technician. Or maybe you want to take care of patients in a variety of settings as a nurse (we have Nursing Assistant and Medication Aide courses along with Licensed Practical Nursing and Registered Nursing programs available). Whatever Health Occupations area you want to explore we are here to help. During Inter-High Day you can take a test with us that will cover topics of general biology and sciences as they relate to the field of health. When you are finished testing you can check out our booth to learn more about our health occupations programs, and then come and explore some of the exciting things that you can do in any of these Health Care fields.

Information Technology**8:45-10:00****Room 128**

1. One student per school (space will be limited to the first 20 registrants)
2. Grade levels: 11th-12th graders with computer knowledge or interest in a career in Information Technology or related fields
3. Testing format: Multiple Choice, True/False, Matching

The Information Technology exam will cover basic concepts of computer hardware, operating systems, networking, and security. Students will be successful if they are computer savvy and have a strong desire to engage in computer related activities.

Mathematics**8:45-10:00****HASC Room 125, 126**

1. Two students per school
2. Grade levels: 11th-12th graders with two years of algebra, one year of geometry, and one semester of trigonometry
3. Testing format: Multiple Choice and brief presentation

Student should be a junior or a senior who has completed two years of algebra, one year of geometry and one semester of trigonometry. This will be a multiple-choice exam and is one hour in length. **Scientific or graphing calculators are allowed; however, cell phones, I-pods or other digital media players are not allowed.**

Music – Instrumental & Vocal **9:00-10:00** **Vocal - Room 114/Instrumental – Room 115**

1. Limit to the first 20 instrumental students and first 20 vocal students
 - a. Only two testers total per school – can be 1 instrumental + 1 vocal, 2 instrumental + 0 vocal, or 0 instrumental + 2 vocal
2. Grade levels: 10th -12th graders who plan to attend NPCC or have yet to decide on a post-high school institution
3. Testing format: Students taking on the challenge need not to prepare anything. A brief sight-reading review will be held prior to the challenge.
4. “Musician Life Support” demonstration to follow test

Did you know that music is not all about performing or teaching? Did you know those in the music business, music production, sound design, music therapy, music law, and more had to get a music degree? Are you a hard worker who loves music, and wants to explore and learn more about why music is the way it is? NPCC Music can get you through your first two years of a music degree and help you with whatever music field you want pursue! The AFA – Fine Arts degree transfers to all 4-year institutions!

Sight-reading Challenge! Students will be given vocal or instrumental music to sight-read in a group setting that will progressively become more difficult. Students will progress to the next round if they make it through the previous round mistake-free. The activity will advance until we’re left with the top three. Following the challenge, students will enjoy a music demonstration.

Participants in this exam, who are interested in attending NPCC and joining the music program, are eligible for a musical scholarship that is awarded by the music instructors.

Prose Writing **8:45-10:00** **Room 136**

1. Limit to first 30 students
2. Grade Levels: 9th – 12th graders
3. Testing format: Creative Writing Competition

Students will be given a prompt during the session and will have time to write a short piece.

Sociology **8:45-10:00** **Room 141**

1. No limit on testers – *Students testing Sociology in McCook cannot register to test for Sociology in North Platte*
2. Grade levels: 9th-12th
3. Testing format: Interactive lecture followed by a multiple-choice test

Students who have an interest in the behavior sciences and may be interested in career fields such as social work, law, healthcare, justice, early childhood development, or counseling. Sociological concepts can be applied in any career field. Students should expect 20-30 minutes of interactive lecture covering the topics of culture and socialization followed by a multiple-choice test over the information presented and general sociological concepts. Students who are attentive and are able to follow the lecture will do well.

SESSION 2 TESTS: 10:10-11:25 (unless noted)

Business Communications **10:10-10:40** **Room 125, 126**

1. Limit to the first 35 students. No limit on participants per school
2. Grade levels: 10th -12th graders who have had business courses or are currently interested in business
3. Testing format: Multiple Choice

The multiple-choice exam covers the basic styles of communication in the business world including written and verbal communication, social networking, intercultural and global communication, ethics, etc.

Chemistry**10:10-11:25****HASC Room 202**

1. One student per school (space will be limited to the first 24 registrants)
2. Grade levels: 11th-12th graders who have had or are currently enrolled in chemistry
3. Testing format: Multiple Choice & demonstration
4. Students will need to bring a scientific calculator (**graphing calculators are not allowed**)

Students planning to take the Chemistry exam should expect a multiple-choice exam covering the basic concepts of Chemistry. A successful student in this exam would have a strong desire to pursue a career in chemistry related fields. In addition to the test there will be a few demonstrations performed for students.

Dramatic Arts / Theater**10:10-11:25****Theater**

1. Limit of two students per school
2. Grade levels: 11th-12th
3. Students should bring prepared dramatic work 3-5 minutes in length

Students planning to participate in the Dramatic Arts Competition must be prepared to present a 3-5 minute dramatic work for an audience (performers will be stopped at the five minute mark of the presentation). The presentation can be a monologue from a dramatic work, a cutting from a literature piece, or works of poetry (**a monologue is preferred!**). This presentation must be a solo performance that **must** be memorized. The dramatic presentation will be judged by a panel led by NPCC Theatre instructor Ritch Galvan. Judges will be evaluating; Character, Voice, and Movement. Awards will be given to top three performers.

Health Occupations**10:10-11:25****HASC Room 102 & 103**

1. Two students per school
2. Grade levels: 11th-12th graders considering a career in health occupations
3. Testing format: Multiple Choice
4. Presentation: Career exploration of health related careers including Emergency Medical Services, Dental Assisting, Medical Laboratory Technician, and Nursing

Are you interested in a career in Health Occupations? Do you thrive on challenges and responsibilities? Do you have a high standard for yourself and expect quality in the work you produce? Then any one of our exciting Health Occupations careers is where you belong. Maybe it is working in a dental office assisting dentists as a Dental Assistant. Or would you rather work in a lab as a detective that hunts for clues to determine what is going on with your patient as a Medical Laboratory Technician. You might want to help people in their time of need in an emergency as an Emergency Medical Technician. Or maybe you want to take care of patients in a variety of settings as a nurse (we have Nursing Assistant and Medication Aide courses along with Licensed Practical Nursing and Registered Nursing programs available). Whatever Health Occupations area you want to explore we are here to help. During Inter-High Day you can take a test with us that will cover topics of general biology and sciences as they relate to the field of health. When you are finished testing you can check out our booth to learn more about our health occupations programs, and then come and explore some of the exciting things that you can do in any of these Health Care fields.

Introduction to Business**10:10-10:40****Room 131**

1. No limit on participants per school
2. Grade levels: 9th -12th graders that have had or are currently enrolled in business courses
3. Testing format: Multiple Choice

This test will cover economics, business ownership, international business, social responsibility, management, marketing, finance, information systems, business law, personnel, production, and business organization.

Medical Terminology **10:50-11:25** **Room 125**

1. Limit to the first 18 students
2. Grade levels: 11th -12th
3. Testing format: Multiple Choice

Students taking this exam should expect a multiple-choice exam covering medical terms relating to the entire body system.

Music Theory & Ear Training **10:10-11:25** **Room 115**

1. Two students per school
2. Grade levels: 10th-12th graders planning to attend NPCC or have not yet decided on a post-high school institution
3. Testing format: theory and ear training test
4. “Musician Life Support” demonstration to follow test

Did you know that music is not all about performing or teaching? Did you know those in the music business, music production, sound design, music therapy, music law, and more had to get a music degree? Are you a hard worker who loves music, and wants to explore and learn more about why music is the way it is? NPCC Music can get you through your first two years of a music degree and help you with whatever music field you want pursue! The AFA – Fine Arts degree transfers to all 4-year institutions!

This test will cover fundamental music theory (scales, key signatures, major/minor chords, etc.), performance notation, and short ear training. Following the exam students will enjoy a music demonstration. A successful student in this exam will have a background in music with some music theory and have a desire to pursue a career in one of the many fields of music.

Participants in this exam, who are interested in attending NPCC and joining the music program, are eligible for a musical scholarship that is awarded by the music instructors.

NPCC Facts **10:10-11:25** **Room TBD**

1. No limit on test takers. Testers must be planning to attend MPCC
2. Grade levels: 12th
3. Testing format: Multiple Choice, True/False, Matching

This exam is designed exclusively for a future NPCC student. Exam will cover all aspects of NPCC, including tuition, housing, programs, student activities, statistics, and other general information about the campus. (Tip: Students are encouraged to study our website at www.mpcc.edu).

Personal Finance **10:50-11:25** **Room 131**

1. No limit on participants per school
2. Grade levels: 11th -12th graders who have had or are currently taking Personal Finance
3. Students should bring calculators

The Personal Finance test covers a variety of personal finance topics, including, but not limited to: money management strategies, responsible use of credit, home buying, taxes, budgeting, insurance and investing.

Poetry Writing **10:10-11:25** **Room 136**

1. Limit to first 30 students
2. Grade levels: 9th-12th
3. Testing format: Creative Writing Competition

Students will be given a prompt during the session and will have time to write a short piece.

EXTENDED SESSIONS :

TESTERS SHOULD NOT REGISTER FOR OTHER TESTS.

Art **8:45-11:30** **Room 135, 137**

1. Two students per school. Students should not register for other exams
2. Grade levels: 11th-12th graders with at least two years of high school art or a strong desire in pursuing a career in an art related field
3. Part 1: Test covering terms and concepts used in the field of visual communications
Part 2: Performance (drawing) test
4. Students should bring a minimum of two pencils and erasers

Students planning to pursue the visual arts should sign up for this test and performance. The test will encompass terms and concepts used in the field of visual communication. A second assessment will be conducted in the manner of performance (drawing) test.

Criminal Justice **8:45 – 11:25** **Room 122/124**

1. Three students per school - limited to first 24 students
2. Grade levels: 9th-12th
3. Testing format: Hands-on interactive crime scene investigation, interactive lecture on criminal justice fundamentals and career possibilities, examination and discussion

Open to students who have an interest in criminology or the criminal justice field. Future careers may include police officer, sheriff, secret service, lawyer, probation officer, border control agent, U.S. Marshal, victims advocate, correctional officer, fire investigator, court clerk, etc. Students should expect to split their time between a hands-on crime scene investigation, an interactive lecture and examination focusing on fundamental concepts within the criminal justice field as well as exploration of career possibilities. The morning will conclude with an interactive discussion with MPCC criminal justice instructors where students can ask questions and debrief from the morning's events. Winners will be selected based on results from the examination and the accuracy of their crime scene investigation. The material presented will include mock crime scenes and may include depictions of blood, but no injured persons. Students who may be uncomfortable with photos or depictions of crime scenes should avoid this session.

STEM / Engineering **8:45-11:25** **HASC Room 101**

1. No limit of students from any given school (space will be limited to the first 38 registrants)
2. Grade levels: 9th-12th graders who have interest in Science, Technology, Engineering or Math:
 - a. Pre-Med, Pre-Dental, Pre-Vet
 - b. Agricultural Sciences
 - c. Software and Computer engineering
 - d. Robotics, mechatronics
 - e. 3D printing/manufacturing
 - f. Medical Imaging
 - g. And so many more!
3. Schedule:
 - a. 8:45 – Introductions and Q&A about science and engineering
 - b. 9:15 – Student-chosen STEM research and presentations
 - c. 10:45 – Tour of science & engineering facilities at MPCC and UNL West-Central Research and Extension Center
 - d. 11:25 – Return to MPCC for InterHigh day activities

The Physics/Engineering test will give students interested in STEM fields the opportunity to research a topic of their choosing and give a presentation to the other students attending. The tours will be at nearby facilities where students will see ongoing research projects, meet faculty and staff, and be able to ask questions about current activities. All interested students are welcome.