

SCC & WHS Academy Partnership



2024-2025

SENCAP

Southeast Nebraska Career Academy Partnership

What is the Southeast Nebraska Career Academy Partnership (SENCAP)?

Area high schools, including Waverly High School, have partnered with Southeast Community College to bring students additional opportunities to learn about careers of interest through college coursework, hands-on opportunities, and field experiences.

Which career areas are available for study through SENCAP/TCA?

Health occupations, welding, and automotive technology – these were selected based on employment forecasts that show an increasing demand in the future for knowledgeable, skilled employees in these rewarding career areas.

Who is eligible to participate in SENCAP?

Any junior or senior interested in pursuing a career or further education at the postsecondary level in the areas of health, welding, or automotive technology can participate. A student interested in a relevant and exciting educational experience that allows him/her to gain a head start in pursuing a career in one of these areas should seriously consider participating in ONE academy.

How will an academy class fit in a student's schedule?

Students must devote one or two class periods per semester to the SENCAP depending on the format of the academy course. Both welding and automotive technology require two class periods (1st and 2nd period) due to travel to SCC/TCA-Lincoln Campus. Health students will complete courses at WHS, using only one period per semester, with the exception of the nursing assistant course which requires a two-hour block (6th & 7th Periods).

How will students get to the off-site location if required?

Each student is responsible for his/her own transportation. This includes transportation to class and also to any field trips and/or job shadowing.

Can students earn college credit? What is the expense per course?

The tuition for SENCAP (in any area) is the responsibility of the student. All students are billed directly from SCC in the fall. Tuition rates are reduced to half-price for SENCAP students. The expenses for books, supplies, fees, and transportation will also be the responsibility of all students.

In most courses, students have the potential to earn 10 high school credits and approximately 3 college credits per semester. The high school transcript will reflect the grade earned for the college coursework.

If a student fails the college course, he/she will not be allowed to continue in the academy.

How do students register for SENCAP courses?

Students register for their academy class through PowerSchool during registration with WHS counselors. Students will then formally register with SCC in late spring.

SENCAP STUDENT EXPECTATIONS AND OUTCOMES

We expect you to earn your high school diploma, HAVE FUN exploring your career pathway, and complete your online student portfolio assignments.

Benefits include:

- earning college credits while still in high school
- scholarship for half the cost of tuition/fees
- learning key skills in the career pathway
- learning career-readiness skills
- being ready for immediate employment with the enhanced skills you've developed
- earning a recognized certification or be well on the way to completing one
- being eligible for entry into a community college training or degree program

WHAT IS THE STUDENT PORTFOLIO?

In addition to the college pathway courses, you must complete an online student portfolio to receive credit for the high school portion of the academy. You will access SCC's online CANVAS course to complete weekly assignments. The assignments will provide you an opportunity to explore a variety of careers in your pathway.

Typical portfolio assignments include:

Career Search

You will research career interests, identify job growth, salary, education requirements, and consider what foundational/soft skills are necessary to be successful in the career.

Field Trip Reflections

Your coordinator will take a minimum of two field trips a year. Field trips are career oriented and usually involve going to a worksite. Instructors are encouraged to suggest field trip companies/sites to their SENCAP coordinator, helping make the connection from class to academy to career.

Job Shadows/Classroom Observations

You are required to complete a minimum of two job shadows a year. Students in the Education academy are strongly encouraged to complete weekly classroom observations and keep classroom observation forms up to date.

Scholarships

You will research local and national scholarships.

Résumé & Cover Letter Building References

You will create a traditional résumé and obtain personal references. Second-year SENCAP students will transform their résumés into conversational résumés, obtain references and letters of recommendation.

CliftonStrengths by Gallup®

You will complete the CliftonStrengths by Gallup® assessment and learn how your strengths will be an asset in the career field of choice.

Social Media

You will gain an understanding of how social media can work to your professional benefit and how long-lasting a digital footprint can be: Twitter, Blogging, LinkedIn, etc.

Special Events

You will have the opportunity to attend Special Event days hosted by SENCAP. They include professional and student panels and multiple breakout sessions covering: CliftonStrengths by Gallup®, Social Media and Networking, Online Job Searches, Résumé Building, and Site Visits.

DUAL-CREDIT SCHOLARSHIP INFORMATION

SCC offers a tuition remission scholarship for all dual-credit SENCAP classes.

The "Dual-Credit Scholarship" is only available for:

- a. Students who are in SCC's 15-county service area and/or are associated with a high school in the SCC 15-county service area that have a signed Memorandum of Understanding in place.
- b. Students who are enrolled in a school that offers DC Advantage, SENCAP or TCA Career Pathways that have a signed MOU in place.

The "Dual-Credit Scholarship" covers:

- a. 50% tuition waiver
- b. 50% fee waiver

(The remaining half will be paid for by either the student or the K-12 school depending on available funding.)

Some pathways/courses for Health, Construction, Energy and CDL may have additional fees, not covered in the scholarship, which will pay for additional tools, course materials, state testing, and background checks.

The purchasing of textbooks is the responsibility of the student. Textbooks may be purchased at <http://sccbookstore.com>

All SENCAP or DC Advantage high school program classes are dual-credit and are taught by dual-credit certified instructors.

	SENCAP	DC ADV
Dual-Credit Courses	✓	✓
Student Portfolio	✓	
50% Tuition Reduction	✓	✓
Offered onsite at your high school, online, via distance learning or at an SCC learning center.	✓	✓

Each high school covers costs differently for textbooks, tuition costs, etc. Please work with your high school.

Health Pathway

HLTH1150 Nursing Assistant - 3.5 credits

Overview of the health care system and role of the nursing assistant as a healthcare team member. Discussions on the concepts of basic human needs, professional behavior, communication, legal/ethical issues, and multicultural diversity. Teaches basic nursing skills including bathing, assisting with dining, ambulating, transferring, and toileting. Included in this course are classroom, nursing lab and clinical experiences in a health care setting. Course is approved by the Nebraska Department of Health and Human Services Regulation and Licensure. Upon successful completion of this course, the student is eligible to test for placement on the Nebraska Nursing Assistant Registry. **Please note: Students must be 16 years of age at the beginning of HLTH1150, Nursing Assistant, to enroll.

SOCI1010 Introduction to Sociology - 3 credits

Introduction to the basic principles of sociology, including the study of sociological research, theoretical perspectives, culture, socialization, social structure, social institutions, deviance, inequalities of class, race/ ethnicity, gender, and age, as well as stratification, demography, and population.

HLTH1060 Comprehensive Medical Terminology - 3 credits

This course establishes a solid foundation of prefixes, suffixes, word roots, abbreviations, medical terms and symbols. It emphasizes understanding the medical vocabulary as it applies to the anatomy, physiology, pathology, diagnostic procedures, and therapeutic procedures of the human body.

FSDT1350 Basic Nutrition - 3 credits

The study of nutrients, digestion, absorption, metabolism, fitness, consumer concerns, food safety, nutrition throughout the life cycle, including cultural influences on food selection. Nutrition in relation to disease and world hunger is explored.

Welding Pathway

*Successful completion of the **four** welding courses will allow you to earn a certificate in **Welding** from Southeast Community College.*

WELD1101 SMAW I - 3.5 credits

Study of Shielded Metal Arc Welding theory, safety, applications, procedures, and welding practices. Beginning welding of carbon steel on various joints and with various electrodes. Explanation of safe operation and proper use of equipment, power tools and hand tools.

WELD1107 Oxy-Fuel and Plasma - 3.5 credits

Theory, safety, equipment and applications of the Oxyacetylene Welding and cutting Process. Laboratory exercises with the Oxyacetylene Welding, Braze Welding, Oxyacetylene Cutting and related processes. Theory of Plasma Arc Cutting process and advanced laboratory exercises to include the use of automated equipment.

WELD1109 SMAW II - 3 credits

Intermediate welding of carbon steel with the Shielded Metal Arc Welding process on various configurations and positions with various electrodes.

WELD1123 GMAW I - 3.5 credits

Study of Gas Metal Arc Welding theory, safety, applications, manipulative skills, welding principles, and procedures. Study and use of various filler wires and shielding gasses and welding power source set-up. Beginning welding of carbon steel with the Gas Metal Arc Welding process on various joint configurations.

Automotive Technology Pathway

AUTT1007 Auto Shop Safety and Repair - 3.5 credits

This course covers the introduction to the automotive shop, many of the basic elements of repair and the proper use of hand and power tools. It covers shop safety, OSHA hazard communication standards/right-to-know laws. Also covered are thread repair, tube flaring, fasteners, micrometers and other equipment used by the professional automotive technician.

AUTT1110 Basic Automotive Maintenance - 3 credits

A basic automotive class covering automotive maintenance and light repair procedures.

DC Advantage Courses

MATH-2170/BSAD-2170 Applied Statistics -5 credits / College Statistics (WHS Course Name)

Prerequisite: Grade of "B" or better in high school Algebra 3-4

The practical application of statistical thinking to contemporary issues; collection and organization of data; probability distributions; statistical inference; estimation; hypothesis testing.

MATH-1600 Analytic Geometry & Calculus I - 5 credits / College Calculus (WHS Course Name)

Prerequisite: Grade of "B" or better in high school Pre-Calculus

This course is a study of analytical geometry and single variable calculus. Topics include limits, continuity, derivatives, and applications of derivatives, integrals, and application integrals.

MATH-1020 Technical Math - 3 credits / College Technical Math (WHS Course Name)

Prerequisite: Permission from math teacher or counselor required. Recommendation: Minimum of a C of higher in Algebra 3-4 or Integrated Math.

**Contact your college's admissions office regarding how this credit will be accepted for certain programs

**Students should have at least 3 years (30 credits) of math before taking College Technical Math

This course provides the practical mathematics skills needed in a wide variety of occupational areas, including plumbing, welding, transportation, electrical/electronics, construction, machine technology, agriculture, HVAC, health and many more. Students will receive a direct practical approach that emphasizes careful, complete explanations and actual on-the-job applications. This course includes a review of arithmetic operations, ratios and proportions, algebraic operations, geometrical relationships and right triangle trigonometry with emphasis placed on applications.

Note: This course is not accepted by four-year colleges or universities as a Math course for entrance.

ENGL-1110 Business Communication - 3 credits / College Applied Communication (WHS Course Name)

Prerequisite: None

This course is the study of principles and techniques of writing effective business letters, electronic and written messages, and reports through the process of planning, writing, editing, and revising for the intended audience. Students will practice using the principles of grammar, punctuation, and correct word usage that have practical application in writing for business purposes. Students will learn effective business communication processes and types, practice business-appropriate writing of many types, and build analytical thinking skills applied to business communication situations. The goal is communication through effective documents that will help a student succeed at work and school.

Note: This course is not accepted by four-year colleges or universities as an English course for entrance.

Notice of Non-Discrimination

School District 145 does not discriminate on the basis of sex, disability, race, color, religion, veteran status, national or ethnic origin, marital status, pregnancy, childbirth or related medical condition, or other protected status, or other protected status in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. The Director of Special Education/Student Services Coordinator has been designated to handle inquiries regarding the non-discrimination policies, including Federal Title IX and Section 504 compliance procedures, for students, employees and others:

Delanie McMillan, 14511 Heywood Street, P.O. Box 426, Waverly, NE 68462 (402) 786-2321.

For further information about anti-discrimination laws and regulations, or to file a complaint of discrimination with the Office for Civil Rights in the U.S. Department of Education (OCR), please contact the OCR at 601 East 12th Street, Room 353, Kansas City, MO 64106, (800) 368-1019 (voice), Fax (816) 426-3686, (800) 537-7697 (telecommunications device for the deaf), or ocr.kansascity@ed.gov.

The Complaint Form can be found on the district website at www.district145.org. Click on the Central Office Tab, Click on Notice of Non-Discrimination.