FOR HIGH SCHOOL STUDENTS IN SCC’s 15-COUNTY SERVICE AREA

Pathways

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WHAT is SENCAP?

Southeast Nebraska Career Academy Partnership is the Career Academy Pathway opportunity for high school juniors and seniors in Southeast Community College’s 15-county service area. Classes are dual-credit, earning both high school and college credit at the same time.

Since SENCAP’s inception in 2008, the program has grown from 16 participating high schools, approximately 45 students and two career pathways (Education and Health), to 47 high schools and more than 1,000 students involved in 13 career pathways. Students have more than 60 college courses in which to choose.

*Not all academies are offered at all participating high schools. Check with your high school counselor to see which academies are offered in your area. Many courses also are offered online for your convenience.

WHY SHOULD I TAKE DUAL CREDIT ACADEMY CLASSES?

You will have the opportunity to explore the career field which interests you BEFORE you start college. A career isn’t only about earning a paycheck, it’s about finding a job you are passionate about and love to do!

In the career pathways, you will get an introduction to a career field that interests you and a first-hand look at what goes on in the workplace by taking field trips, participating in job shadowing, listening to speakers, conducting research on careers of interest, and experiencing other career exploration activities.

SENCAP Career Academies are geared to prepare you for high-wage, high-skill and high-growth occupational areas. Academies combine rigorous classes with relevant experiences, helping students become ready for a career.

WHAT ACADEMY PATHWAYS* ARE OFFERED?

- Agriculture
- Business
- Construction
- Criminal Justice
- Early Childhood Education
- Education
- Geographic Information Systems
- Health Certificate & Hlth. Pre-Nursing Pathways
- Horticulture
- Information Technology/Networking/Programming
- Livestock
- Manufacturing - Energy
- Manufacturing - Welding
- Horticulture
- Information Technology/Networking/Programming
- Livestock
- Manufacturing - Energy
- Manufacturing - Welding

WHEN AND WHERE WILL I TAKE CLASSES?

SENCAP classes will be offered and scheduled during the regular school day. Options include:

- Face-to-face at your school
- SCC Learning Center
- Hybrid (online lecture, face-to-face lab)
- Online via the Internet
- Live broadcast from SCC location (Zoom or Lifesize video conferencing)

WILL THESE CLASSES TRANSFER?

All of the courses through SENCAP will count toward credit at Southeast Community College. Many will transfer to other four-year institutions in Nebraska. It is the student’s responsibility to check with the institution where credit is being transferred to ensure SCC’s courses will meet that school’s degree requirements. Contact an advisor from the institution to which you plan to transfer as soon as possible. Visit us at www.southeast.edu/transfer-information for more information.

HOW DO I ENROLL?

You must:

- be in good academic standing
- receive permission from your high school
- have transportation to and from classes and the work-based learning experiences
- complete the SENCAP/DC Advantage application form, registration form and course prerequisites

Students will take at least one academy class in the area of their career interest each semester. Each high school will have a complete listing of classes and course descriptions, or you can view the class listings at www.southeast.edu/SENCAP

AFTER YOU ARE ACCEPTED...

After you are enrolled in SENCAP/DC Advantage, you will receive a letter from SENCAP with information on your class schedule, student ID, important dates, accessing the Hub and CANVAS, and completing SCC’s online New Student Orientation.
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.

- **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.

- **SCHOLARSHIPS**
  You will research local and national scholarships.

- **GALLUP STRENGTHFINDERS®**
  You will complete the Gallup StrengthFinders® 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, Linked-in, 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: Gallup StrengthFinders, 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:

- 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
- Students who are enrolled in DC Advantage, SENCAP or TCA Career Pathways

The “Dual-Credit Scholarship” covers:

- 50% tuition waiver
- 50% fee waiver

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

Some courses for Health, Construction and Energy 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](http://sccbookstore.com)

All SENCAP or DC advantage high school program classes are dual-credit, and taught by dual-credit certified instructors.
**Fall Semester 2020**  Aug. 24 - Dec. 17, 2020

Registration begins .................................................... March 30.

Last day to add your name to a waitlist/

- Final Waitlist registration notices emailed........ Aug 24
- First 5-week classes begin....................................... Aug 24
- Waitlists are closed ............................................. Aug 25
- Last day to register online .................................... Aug 25
- Instructor signature required for adds................. Aug 26
- Last day to add classes ......................................... Aug 28

**Spring Semester 2021**  Jan. 11 - May 6, 2021

Dates have not been set at the time of printing.

Please visit [www.southeast.edu/calendar](http://www.southeast.edu/calendar) for the most current information.

**SYMBOL KEY:**

- Semester Begin/End
- Holiday (College Closed. No services.)
- Non-Contract Day
  (College Closed. No services.)
- Faculty In-Service Day
## SENCAP Career Academy Pathway Courses at a Glance

<table>
<thead>
<tr>
<th>YEAR 1 - 11th grade</th>
<th>YEAR 2 - 12th grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Junior (or Senior if pathway is not full)</td>
<td>Returning SENCAP Senior</td>
</tr>
</tbody>
</table>

### AGRICULTURE
- **AGRI 1121**^: Ag Occupation Exploration 3 credits
- **AGRI 1131**^: Crop & Food Science 3 credits

### HORTICULTURE
- **HORT1130**^: Introduction to Horticulture 3 credits
- **HORT1216**^: Horticulture Business Mgmt. 3 credits
- **HORT1136**: Plant Propagation 2 credits

### LIVESTOCK
- **AGRI 1126**^: Intro to Livestock Production 6 credits
- **AGRI 1131**^: Crop & Food Science 3 credits
- **AGRI 1177**: Companion Animals 3 credits

### BUSINESS
- **BSAD 1050**^: Introduction to Business 3 credits
- **BSAD 2540**: Principles of Management 3 credits

### CONSTRUCTION
- **CNST 1226**: Const. Tools & Materials I 3 credits
- **CNST 1227**: Const. Tools & Materials II 3 credits
- **CNST 1228**: Const. Processes & Practices I 3 credits

### CRIMINAL JUSTICE
- **CRIM 1010**: Introduction to Criminal Justice 3 credits

### EARLY CHILDHOOD EDUCATION
- **ECED 1150**: Intro to Early Childhood Education 3 credits
- **ECED 1120**: Preschool Child Development 2 credits

### EDUCATION
- **EDUC 1110**: Introduction to Professional Education 3 credits
- **EDUC 2590**: Instructional Technology 3 credits

### GEOGRAPHIC INFORMATION SYSTEMS
- **GIST 1110**: Intro. to Geospatial Technology 3 credits
- **GIST 1120**: Spatial Analysis and Modeling 3 credits

### HEALTH CERTIFICATE PATHWAY
- **HLTH 1150**: Nursing Assistant 4 credits
- **HLTH 1350**: Nutrition Aide 3 credits
- **HLTH 1040**: Medication Aide 2 credits

### HEALTH PRE-NURSING PATHWAY
- **HLTH 1150**: Nursing Assistant 4 credits
- **SOCI 1010**: Introduction to Sociology 3 credits
- **PSYC 2960**: Life-span Human Development 3 credits

### INFORMATION TECH/NETWORKING/PROGRAMMING
- **INFO1151**: Information Technology Fundamentals 3 credits
- **INFO1171**: PC Operating Systems 3 credits
- **INFO281**: Networking Concepts 2 credits
- **INFO2124**: Programming Concepts 2 credits

### MANUFACTURING-ENERGY
- **ENER 1100**^: Energy Industry Fundamentals 3 credits
- **ENER 202**^: Nuclear Energy 2 credits
- **ENER 2130**: Green Energy Technologies 2 credits

### MANUFACTURING-WELDING
- **WELD 1105**: Oxyacetylene Welding & Cutting 3.5 credits
- **WELD 1101**: SMAW I 3.5 credits
- **WELD 2310**: FCAW 2 credits

### LOCKERS
- **WELD 1105**: Oxyacetylene Welding & Cutting 3.5 credits
- **WELD 1101**: SMAW I 3.5 credits
- **WELD 2310**: FCAW 2 credits

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^ = Course offered online

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2020-2021 | SCC SENCAP/Dual Credit - Career Academy Pathway Student Information Guide | Page 5
GENERAL EDUCATION LEARNING OUTCOMES (GELOs)

* Every degree program requires students to build a foundation of GELOs aimed to develop knowledge and skills beyond those specific to an occupation for academic, personal and social growth. Students should contact a program advisor to assist with the selection of GELO courses which will meet their program’s graduation requirements.

GELO #1: Oral Communication
GELO #2: Written Communication
GELO #3: Critical Thinking & Problem Solving
GELO #4: Global Awareness and Citizenship
GELO #5: Analytical, Quantitative, and Scientific Reasoning
GELO #6: Career and Life Skills

^ = Course is offered online.

Please note: not all classes are available every term. Students must check availability in the credit class schedule. www.southeast.edu/classschedules

SOUTHEAST NEBRASKA CAREER ACADEMY PARTNERSHIP & DUAL CREDIT ADVANTAGE | CAREER PATHWAYS | 2020-2021

AGRICULTURE PATHWAY

YEAR 1 - 11TH GRADE
FIRST SEMESTER
AGRI 1123 ^ Ag Occupation Exploration 3 credits
SECOND SEMESTER
AGRI 1131 ^ Crop & Food Science 3 credits

YEAR 2 - 12TH GRADE
FIRST SEMESTER
AGRI 1126 ^ Intro To Livestock Production - 3 or AGRI 1211 Fundamentals of Ag Marketing** - 3 credits
SECOND SEMESTER
AGRI 1171^ Ag Technology 2 credits

Suggested DC Advantage
General Education Learning Outcomes (GELOs) to meet program requirements

SOCI 1020 ^ Diversity in Society (GELO #3) 3 credits
MATH 1150 ^ College Algebra (GELO #5) 3 credits
ENGL 1010 ^ English Composition I (GELO #2) 3 credits

**Course can only be taught at high school that has been approved by SCC Agriculture Management & Production program.

Possible career fields: Ag Aviation Ground Crew, Crop Consultant, Farm Assistant, Ranch Assistant
SCC graduate salary: Recent graduates report $33,000 per year (SCC 2018 Graduate Employment Report).
For more information: Amanda Fairley, 402-228-3468 ext.1205, afairley@southeast.edu or Academic Transfer Advisor: academictransfer@southeast.edu

Scholarship savings: 26 credit hours X $111.00 = $2,886 ÷ 2 = $1,443

Associate of Applied Science Degree — Agribusiness Management

To complete this degree at SCC:
AGRI 1124 - 3
AGRI 1205 - 3
AGRI 1211 - 3
AGRI 1216 - 3
12 credits

AGRI 2202 - 4
AGRI 2204 - 1
AGRI 2267 - 3
AGRI 2291 - 3
AGRI Electives 16 credits

plus 19 credits

47

26 of 73 credits earned toward degree

www.southeast.edu/highschoolstudentprograms
CAREER PATHWAYS

SOUTHEAST NEBRASKA CAREER ACADEMY PARTNERSHIP & DUAL CREDIT ADVANTAGE | CAREER PATHWAYS | 2020-2021

HORTICULTURE PATHWAY

YEAR 1 - 11TH GRADE

FIRST SEMESTER
HORT1130 ^ Introduction to Horticulture
3 credits
HORT1216 ^ Horticulture Business Management
3 credits
Suggested DC Advantage
PSYC 1810 ^ Introduction to Psychology (GELO #3)
3 credits

SECOND SEMESTER
HORT1136 Plant Propagation
2 credits
HORT1154 Greenhouse Management**
2 credits
ENGL 1010 ^ English Composition I (GELO #2)
MATH 1150 ^ College Algebra (GELO #5)
3 credits
3 credits
10

YEAR 2 - 12TH GRADE

FIRST SEMESTER
SPCH 1110 ^ Public Speaking (GELO #1)
3 credits
Suggested DC Advantage
PSYC 1810 ^ Introduction to Psychology (GELO #3)
3 credits

SECOND SEMESTER
MATH 1150 ^ College Algebra (GELO #5)
ENGL 1010 ^ English Composition I (GELO #2)
ECON 1200 ^ Personal Finance (GELO #6)
3-6 credits
3 credits
15

Scholarship savings: 25 credit hours × $111.00 = $2,775 ÷ 2 = $1,387.50

Associate of Applied Science Degree — Horticulture and Turfgrass Management

To complete this degree at SCC:
Courses depend on focus area

43

**Course can only be taught at high school that has been approved by SCC Horticulture & Turfgrass Management Program

Possible career fields: Golf course assistant, golf course spray tech, golf course irrigation tech, sports field manager, landscape construction, landscape installation, landscape maintenance, landscape sales, florist, greenhouse grower, groundskeeper, equipment salesperson, research technician, commercial pesticide applicator, conservationist

SCC graduate salary: Recent graduates report $16.05 per hour (SCC 2018 Graduate Employment Report).

Other important info: To graduate from the program, students will be required to complete an internship.

For more information: Alex Goeckel, agoeckel@southeast.edu, 402-228-8126 or Academic Transfer Advisor: academictransfer@southeast.edu

GENERAL EDUCATION LEARNING OUTCOMES (GELOs)

* Every degree program requires students to build a foundation of GELOs aimed to develop knowledge and skills beyond those specific to an occupation for academic, personal and social growth. Students should contact a program advisor to assist with the selection of GELO courses which will meet their program’s graduation requirements.

GELO #1: Oral Communication
GELO #2: Written Communication
GELO #3: Critical Thinking & Problem Solving
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GELO #5: Analytical, Quantitative, and Scientific Reasoning
GELO #6: Career and Life Skills

^ = Course is offered online.

Please note: not all classes are available every term. Students much check availability in the credit class schedule. www.southeast.edu/classschedules

www.southeast.edu/highschoolstudentprograms
## LIVESTOCK PATHWAY

### CAREER PATHWAY

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGRI 1126 ^</td>
<td>AGRI 1131 ^</td>
<td>AGRI 1177 ^</td>
<td>AGRI 1257</td>
</tr>
<tr>
<td>Intro to Livestock Production and Ag Occupations Exploration</td>
<td>Crop &amp; Food Science</td>
<td>Companion Animals</td>
<td>Live Animal Selection &amp; Carcass Evaluation</td>
</tr>
<tr>
<td>6 credits</td>
<td>3 credits</td>
<td>3 credits</td>
<td>2 credits</td>
</tr>
</tbody>
</table>

### Suggested DC Advantage

<table>
<thead>
<tr>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 credits</td>
<td>SOCI 1020 ^ Diversity in Society (GELO #3)</td>
</tr>
<tr>
<td>3 credits</td>
<td>MATH 1150 ^ College Algebra (GELO #5)</td>
</tr>
<tr>
<td>3 credits</td>
<td>ENGL 1010 ^ English Composition I (GELO #2) and ECON 1200 ^ Personal Finance (GELO #6)</td>
</tr>
<tr>
<td>3 credits</td>
<td>SPCH 1110 ^ Public Speaking (GELO #1)</td>
</tr>
</tbody>
</table>

### Scholarship savings:

29 credit hours × $111.00 = $3,219

2 = $1,609.50

29 of 73 credits earned toward degree

### Associate of Applied Science Degree — Livestock Management and Production

<table>
<thead>
<tr>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 credits</td>
<td>AGRI 1141 - 4 AGRI 1171 - 2 AGRI 1205 - 3 AGRI 1221 - 2 AGRI 1257 - 2 AGRI 2231 - 4</td>
</tr>
<tr>
<td>18 credits</td>
<td>AGRI 2223 - 4 AGRI 2240 - 4 AGRI 2245 - 4 AGRI 2254 - 3 AGRI 2255 - 3</td>
</tr>
<tr>
<td>9 credits</td>
<td>AGRI Electives - 9</td>
</tr>
</tbody>
</table>

### Possible career fields:

Breeding Tech, Cattle Foreman, Herdsman, Ranch Assistant

### SCC graduate salary:

Recent graduates report $28,000 per year (SCC 2018 Graduate Employment Report).

### For more information:

Alex Goeckel, agoeckel@southeast.edu, 402-228-8126 or Academic Transfer Advisor: academictransfer@southeast.edu

### GENERAL EDUCATION LEARNING OUTCOMES (GELOs)

* Every degree program requires students to build a foundation of GELOs aimed to develop knowledge and skills beyond those specific to an occupation for academic, personal, and social growth. Students should contact a program advisor to assist with the selection of GELO courses which will meet their program's graduation requirements.

** = Course is offered online.

Please note: not all classes are available every term. Students must check availability in the credit class schedule, www.southeast.edu/classschedules

www.southeast.edu/highschoolstudentprograms
## BUSINESS PATHWAY

### CAREER PATHWAY

#### SOUTHEAST NEBRASKA CAREER ACADEMY PARTNERSHIP & DUAL CREDIT ADVANTAGE

- **YEAR 1 - 11TH GRADE**
  - **FIRST SEMESTER**
    - BSAD 1050 \(^*\) Introduction to Business and ECON 1200 \(^*\) Personal Finance
    - 6 credits
  - **SECOND SEMESTER**
    - ENTR 1050 \(^*\) Introduction to Entrepreneurship
    - 3 credits

- **YEAR 2 - 12TH GRADE**
  - **FIRST SEMESTER**
    - BSAD 2540 \(^*\) Principles of Management and ACCT 1200 \(^*\) Principles of Accounting I
    - 6 credits
  - **SECOND SEMESTER**
    - BSAD 2520 \(^*\) Principles of Marketing
    - 3 credits

### Scholarship savings: 27 credit hours × $111.00 = $2,997 ÷ 2 = $1,498.50

### Associate of Applied Science Degree — Business Administration

- **To complete this degree at SCC:**
  - BSAD1010 - 3
  - BSAD1090 - 3
  - BSAD2155 - 3
  - BSAD2310 - 3
  - BSAD elective - 3
  - 15 credits
  - BSAD1020 - 3
  - ECON2110 - 3
  - OFFT2120 - 3
  - 9 credits
  - BSAD elective - 3
  - BSAD elective - 3
  - BSAD elective - 3
  - 9 credits

### Scholarship savings: 27 of 60 credits earned toward degree

### Possible career fields:
- Account Manager, Benefit Specialist, Business Manager, Customer Service Representative, Marketing Assistant

### SCC graduate salary:
- Recent graduates report $34,000 per year (SCC 2018 Graduate Employment Report).

### For more information:
- Beth Deinert, bdienert@southeast.edu, 402-437-2415
- Linda Hartman, lhartman@southeast.edu, 402-437-2433;
- Tammie Lang, tlang@southeast.edu, 402-761-8465

### GENERAL EDUCATION LEARNING OUTCOMES (GELOs)

- **GELO #1:** Oral Communication
- **GELO #2:** Written Communication
- **GELO #3:** Critical Thinking & Problem Solving
- **GELO #4:** Global Awareness and Citizenship
- **GELO #5:** Analytical, Quantitative, and Scientific Reasoning
- **GELO #6:** Career and Life Skills

\(^*\) Course is offered online.

Please note: not all classes are available every term. Students must check availability in the credit class schedule: www.southeast.edu/classschedules

www.southeast.edu/highschoolstudentprograms
### GENERAL EDUCATION LEARNING OUTCOMES (GELOs)

<table>
<thead>
<tr>
<th>GELO #1</th>
<th>Oral Communication</th>
</tr>
</thead>
<tbody>
<tr>
<td>GELO #2</td>
<td>Written Communication</td>
</tr>
<tr>
<td>GELO #3</td>
<td>Critical Thinking &amp; Problem Solving</td>
</tr>
<tr>
<td>GELO #4</td>
<td>Global Awareness and Citizenship</td>
</tr>
<tr>
<td>GELO #5</td>
<td>Analytical, Quantitative, and Scientific Reasoning</td>
</tr>
<tr>
<td>GELO #6</td>
<td>Career and Life Skills</td>
</tr>
</tbody>
</table>

* = Course is offered online.

Please note: not all classes are available every term. Students must check availability in the credit class schedule. www.southeast.edu/classschedules

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### CONSTRUCTION PATHWAY

#### YEAR 1 - 11TH GRADE

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNST 1226 Const. Tools &amp; Materials I AND CNST 1228 Const. Processes &amp; Practices I</td>
<td>3 credits</td>
</tr>
<tr>
<td>CNST 1227 Const. Tools &amp; Materials II AND CNST 1229 Const. Processes &amp; Practices II</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

#### YEAR 2 - 12TH GRADE

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNST 1123 Concrete &amp; Masonry Tools &amp; Materials I AND CNST 1125 Concrete &amp; Masonry Applications I</td>
<td>3 credits</td>
</tr>
<tr>
<td>CNST 1124 Concrete &amp; Masonry Tools &amp; Materials II AND CNST 1126 Concrete &amp; Masonry Applications II</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

#### Suggested DC Advantage

<table>
<thead>
<tr>
<th>General Education Learning Outcomes (GELOs) to meet program requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1150 ^ College Algebra (GELO #5)</td>
</tr>
<tr>
<td>ECON 1200 ^ Personal Finance (GELO #3)</td>
</tr>
<tr>
<td>ENGL 1010 ^ English Composition I (GELO #2)</td>
</tr>
<tr>
<td>SPCH1110 ^ Public Speaking (GELO #1)</td>
</tr>
</tbody>
</table>

### Scholarship savings:

24 credit hours X $111.00 = $2,664 ÷ 2 = $1,332.

### Associate of Applied Science Degree — Building Construction

<table>
<thead>
<tr>
<th>To complete this degree at SCC:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNST1326 - 3.5</td>
</tr>
<tr>
<td>CNST1328 - 3.5</td>
</tr>
<tr>
<td>GELO #6</td>
</tr>
<tr>
<td>10 credits</td>
</tr>
<tr>
<td>CNST1430 - 3</td>
</tr>
<tr>
<td>CNST1433 - 3</td>
</tr>
<tr>
<td>ACFSC22020 - 1</td>
</tr>
<tr>
<td>7 credits</td>
</tr>
<tr>
<td>CNST2532 - 4.5</td>
</tr>
<tr>
<td>CNST2533 - 4.5</td>
</tr>
<tr>
<td>CNST2634 - 2.5</td>
</tr>
<tr>
<td>11.5 credits</td>
</tr>
<tr>
<td>CNST2636 - 4</td>
</tr>
<tr>
<td>CNST2643 - 2</td>
</tr>
<tr>
<td>WELD1191 - 1.5</td>
</tr>
<tr>
<td>7.5 credits</td>
</tr>
</tbody>
</table>

### Possible career fields:

Concrete/masonry specialist, Carpenter, Cabinet Maker, Drafting/Estimating, House Construction, Project Foreman

### SCC graduate salary:

Recent graduates report $37,000 per year (SCC 2018 Graduate Employment Report).

### For more information:

Jason Adams, 402-761-829 or 800-933-7223 ext. 8209, jadams@southeast.edu or Academic Transfer Advisor: academictransfer@southeast.edu
CRIMINAL JUSTICE PATHWAY

YEAR 1 - 11TH GRADE

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAREER PATHWAY</td>
<td></td>
</tr>
<tr>
<td>CRIM 1010 ^</td>
<td>CRIM 2030 ^</td>
</tr>
<tr>
<td>Introduction to Criminal Justice</td>
<td>Police &amp; Society</td>
</tr>
<tr>
<td>3 credits</td>
<td>3 credits</td>
</tr>
<tr>
<td>Suggested DC Advantage</td>
<td></td>
</tr>
<tr>
<td>PSYC 1810 ^</td>
<td>SOCI 1010 ^</td>
</tr>
<tr>
<td>Introduction to Psychology (GELO #3)</td>
<td>Diversity in Society (GELO #4)</td>
</tr>
<tr>
<td>3 credits</td>
<td>3 credits</td>
</tr>
<tr>
<td>ENGL 1010 ^</td>
<td>SPCH 1110 ^</td>
</tr>
<tr>
<td>English Composition I (GELO #2)</td>
<td>Public Speaking</td>
</tr>
<tr>
<td>3 credits</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

YEAR 2 - 12TH GRADE

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAREER PATHWAY</td>
<td></td>
</tr>
<tr>
<td>CRIM 2100 ^</td>
<td>CRIM 1030 ^</td>
</tr>
<tr>
<td>Juvenile Justice</td>
<td>Courts &amp; the Judicial Process</td>
</tr>
<tr>
<td>3 credits</td>
<td>3 credits</td>
</tr>
<tr>
<td>MATH 2170 ^</td>
<td>CRIM 2265 - 3</td>
</tr>
<tr>
<td>Applied Statistics (GELO #5)</td>
<td></td>
</tr>
<tr>
<td>3 credits</td>
<td>3 credits</td>
</tr>
<tr>
<td>CRIM 2270 - 3</td>
<td>CRIM 2290 - 3</td>
</tr>
<tr>
<td>CRIM 2340 - 3</td>
<td>CRIM 2400 - 3</td>
</tr>
<tr>
<td>15 credits</td>
<td>18 credits</td>
</tr>
</tbody>
</table>

Scholarship savings: 27 credit hours × $111.00 = $2,997 ÷ 2 = $1,498.50

Associate of Applied Science Degree — Criminal Justice

To complete this degree at SCC:

| CRIM 1020 - 3 | CRIM 2250 - 3 |
| CRIM 2000 - 3 | CRIM 2770 - 3 |
| CRIM 2080 - 3 | CRIM 2990 - 3 |
| CRIM 2200 - 3 | CRIM 2400 - 3 |
| 15 credits | 18 credits |

Possible career fields: Correctional Officer, Criminal Justice Advocate, Police Officer, Security Specialist

SCC graduate salary: Recent graduates report $37,000 per year (SCC 2018 Graduate Employment Report).

For more information:

Rita M. Dondlinger, rdondlinger@southeast.edu, 402-323-3459 or Academic Transfer Advisor: academictransfer@southeast.edu
GENERAL EDUCATION LEARNING OUTCOMES (GELOs)

* Every degree program requires students to build a foundation of GELOs aimed to develop knowledge and skills beyond those specific to an occupation for academic, personal and social growth. Students should contact a program advisor to assist with the selection of GELO courses which will meet their program's graduation requirements.

| GELO #1: Oral Communication |
|GELO #2: Written Communication |
|GELO #3: Critical Thinking & Problem Solving |
|GELO #4: Global Awareness and Citizenship |
|GELO #5: Analytical, Quantitative, and Scientific Reasoning |
|GELO #6: Career and Life Skills |

* = Course is offered online.

Please note: not all classes are available every term. Students must check availability in the credit class schedule.

www.southeast.edu/classschedules

www.southeast.edu/highschoolstudentprograms
## GENERAL EDUCATION LEARNING OUTCOMES (GELOs)

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| GELO #3: | Critical Thinking & Problem Solving |
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### EDUCATION PATHWAY

#### SOUTHEAST NEBRASKA CAREER ACADEMY PARTNERSHIP & DUAL CREDIT ADVANTAGE | CAREER PATHWAYS | 2020-2021

**YEAR 1 - 11TH GRADE**

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 1110 *</td>
<td>EDUC 2590 *</td>
</tr>
<tr>
<td>Introduction to Professional Education</td>
<td>Instructional Technology</td>
</tr>
<tr>
<td>3 credits</td>
<td>3 credits</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 1250 *</td>
<td>EDUC 2300 *</td>
</tr>
<tr>
<td>Interpersonal Relations</td>
<td>Introduction to Special Education</td>
</tr>
<tr>
<td>3 credits</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

**YEAR 2 - 12TH GRADE**

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 2020*</td>
<td>MATH 2170</td>
</tr>
<tr>
<td>American History II</td>
<td>Applied Statistics</td>
</tr>
<tr>
<td>3 credits</td>
<td>3 credits</td>
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</tbody>
</table>

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<tr>
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<td>English Composition I</td>
<td>Public Speaking</td>
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<tr>
<td>3 credits</td>
<td>3 credits</td>
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</table>

**Suggested DC Advantage courses for Associate of Arts Degree**

<table>
<thead>
<tr>
<th>YEAR 1 - 11TH GRADE</th>
<th>YEAR 2 - 12TH GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 credits</td>
<td>12 credits</td>
</tr>
</tbody>
</table>

**Scholarship savings:**

24 credit hours × $111.00 = $2,664 ÷ 2 = $1,332.

**Degree — transfer to a four-year institution**

To complete this degree:

Required courses for K-12 Education majors will vary, students should consult their intended transfer institution for specific degree requirements.

**Possible career fields:**

K-12 teacher

**For more information:**

Corinne Neel, Academic Transfer Advisor, 402-437-2445, academictransfer@southeast.edu

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www.southeast.edu/highschoolstudentprograms
GEOPHYSICAL INFORMATION SYSTEMS TECH PATHWAY

YEAR 1 - 11TH GRADE  
FIRST SEMESTER  |  SECOND SEMESTER  
--- | ---  
GIST 1110 *  |  GIST 1120 *  
Introduction to Geospatial Technology  |  Spatial Analysis and Modeling  
3 credits  |  3 credits  
Suggested DC Advantage  
ECON 1200 ^  |  any GELO elective  
Personal Finance (GELO #3)  |  3 credits  
15 of 18 credits  
To complete this degree at SCC:  
GIST1900 - Internship  
GIST1901 - Cooperative Experience  
GIST1150 - Advanced Exploratory GIS  
3 credits  
15 of 18 credits  
Possible career fields:  
GIS Technician, GIS Support Analyst, GIS Specialist, Cartographic Technician  
SCC graduate salary:  
Recent graduates report $38,500 per year (SCC 2018 Graduate Employment Report).  
For more information:  
Katrina Patton, 402-437-2262 or 800-642-4075 ext. 2262, kpatton@southeast.edu  
Academic Transfer Advisor:  academictransfer@southeast.edu

YEAR 2 - 12TH GRADE  
FIRST SEMESTER  |  SECOND SEMESTER  
--- | ---  
GIST 1130 *  |  GIST 1140 *  
Data Acquisition & Management  |  GIS Capstone  
3 credits  |  3 credits  
3 credits  
15 of 18 credits  
Suggested DC Advantage  
ECON 1200 ^  |  ECON 1200 ^  
Personal Finance (GELO #3)  |  (GELO #3)  
or any GELO elective  
3 credits  |  3 credits  
15 of 18 credits  
To complete this degree at SCC:  
GIST1900 - Internship  
GIST1901 - Cooperative Experience  
GIST1150 - Advanced Exploratory GIS  
3 credits  
15 of 18 credits  
Possible career fields:  
GIS Technician, GIS Support Analyst, GIS Specialist, Cartographic Technician  
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Academic Transfer Advisor:  academictransfer@southeast.edu

GENERAL EDUCATION LEARNING OUTCOMES (GELOs)
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GELO #1: Oral Communication  
GELO #2: Written Communication  
GELO #3: Critical Thinking & Problem Solving  
GELO #4: Global Awareness and Citizenship  
GELO #5: Analytical, Quantitative, and Scientific Reasoning  
GELO #6: Career and Life Skills

* = Course is offered online.
Please note: not all classes are available every term. Students much check availability in the credit class schedule www.southeast.edu/classschedules

www.southeast.edu/highschoolstudentprograms
**Health Certificate Pathway**

**Suggested DC Advantage**
- General Education Learning Outcomes (GELOs) to meet program requirements

**YEAR 1 - 11TH GRADE**

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLTH 1150 Nursing Assistant - 4 credits</td>
<td>HLTH 1350 Nutrition Aide - 3.5 credits</td>
</tr>
<tr>
<td>HLTH 1050 Dental Terminology - 3 credits</td>
<td>HLTH 1450 Physical Therapy Aide - 2 credits</td>
</tr>
</tbody>
</table>

**YEAR 2 - 12TH GRADE**

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLTH 1040 Medication Aide - 2.5 credits</td>
<td>HLTH 1080 EKG Tech - 3 credits</td>
</tr>
<tr>
<td>MEDT 1100 Procedures in Phlebotomy - 2 credits</td>
<td>HLTH 1090 Personal Care Aide - 3.5 credits</td>
</tr>
<tr>
<td>HLTH 1250 Sterile Processing - 6 credits</td>
<td></td>
</tr>
</tbody>
</table>

**Scholarship savings:** 12 credit hours × $111.00 = $1,332 ÷ 2 = $666.

**Possible career fields:** Nutrition Aide, Personal Care Aide, Nursing Assistant, Medication Aide, Phlebotomist

**SCC graduate salary:** Recent Healthcare graduates report $22,000 per year (SCC 2018 Graduate Employment Report).

**For more information:** Kasey Edwardson, 402-437-2767, kedwardson@southeast.edu or Academic Transfer Advisor: academictransfer@southeast.edu

Find out more about the NHA Certified EKG Technician exam at [https://www.nhanow.com/certifications/ekg-technician](https://www.nhanow.com/certifications/ekg-technician)

**Please note:** Students must be 16 years of age at the beginning of HLTH1150, Nursing Assistant to enroll. Employment requirements for HLTH1040, HLTH1080 and MEDT1100 is 18 years of age.

**General Education Learning Outcomes (GELOs)**

- Every degree program requires students to build a foundation of GELOs aimed to develop knowledge and skills beyond those specific to an occupation for academic, personal and social growth. Students should contact a program advisor to assist with the selection of GELO courses which will meet their program’s graduation requirements.

<table>
<thead>
<tr>
<th>GELO #1: Oral Communication</th>
<th>GELO #2: Written Communication</th>
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</thead>
<tbody>
<tr>
<td>GELO #3: Critical Thinking &amp; Problem Solving</td>
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<tr>
<td>GELO #5: Analytical, Quantitative, and Scientific Reasoning</td>
<td>GELO #6: Career and Life Skills</td>
</tr>
</tbody>
</table>

* = Course is offered online.

Please note: not all classes are available every term. Students much check availability in the credit class schedule. [www.southeast.edu/classschedules](http://www.southeast.edu/classschedules)
HEALTH PRE-NURSING PATHWAY

YEAR 1 - 11TH GRADE

FIRST SEMESTER | SECOND SEMESTER
--- | ---
HLTH 1150 Nursing Assistant 4 credits | SOCI 1010 Introduction to Sociology 3 credits
FSDT 1350 ^ Basic Nutrition - 3 or HLTH 1060 ^ Comp. Med. Term. - 3 or MEDA 1101 ^ Basic Medical Terminology 1.5 1.5-3 credits

YEAR 2 - 12TH GRADE

FIRST SEMESTER | SECOND SEMESTER
--- | ---
PSYC 2960 ^ Life-span Human Development 3 credits | MATH 1150 ^ College Algebra (GELO #5) 3 credits
ENGL 1010 ^ English Composition I (GELO #2) 3 credits
SPCH 1110 ^ Public Speaking (GELO #1) 3 credits

Scholarship savings: 29.5 credit hours × $110.00 = $3,274.50 ÷ 2 = $1,637.25.

GENERAL EDUCATION LEARNING OUTCOMES (GELOs)
* Every degree program requires students to build a foundation of GELOs aimed to develop knowledge and skills beyond those specific to an occupation for academic, personal and social growth. Students should contact a program advisor to assist with the selection of GELO courses which will meet their program’s graduation requirements.

To complete this degree at SCC:
These courses are required for many health programs. Work with an SCC advisor to select courses for a pre-health program or degree.

Possible career fields: Take courses and transfer to SCC nursing program or a four-year institution. Check with your receiving institution to see which courses will transfer.

SCC graduate salary: Recent Practical Nursing graduates report $37,000 per year (SCC 2018 Graduate Employment Report).

For more information:
Academic Transfer Advisor: academictransfer@southeast.edu

Suggested DC Advantage
General Education Learning Outcomes (GELOs) to meet program requirements

Up to 29.5 of 60 credits earned toward degree

www.southeast.edu/highschoolstudentprograms
SOUTHEAST NEBRASKA CAREER ACADEMY PARTNERSHIP
& DUAL CREDIT ADVANTAGE  |  CAREER PATHWAYS  |  2020-2021

INFORMATION TECHNOLOGY/NETWORKING/PROGRAMMING PATHWAY

GENERAL EDUCATION LEARNING OUTCOMES (GELOs)

* Every degree program requires students to build a foundation of
GELOs aimed to develop knowledge and skills beyond those specific
for an occupation for academic, personal and social growth. Students
should contact a program advisor to assist with the selection of GELO
courses which will meet their program’s graduation requirements.

GELO #1: Oral Communication
GELO #2: Written Communication
GELO #3: Critical Thinking & Problem Solving
GELO #4: Global Awareness and Citizenship
GELO #5: Analytical, Quantitative, and Scientific Reasoning
GELO #6: Career and Life Skills

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CAREER PATHWAY: INFORMATION TECHNOLOGY/NETWORKING/PROGRAMMING PATHWAY

YEAR 1 - 11TH GRADE

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>INFO1151 ^  Information Technology Fundamentals 3 credits</td>
<td>INFO1171 ^  PC Operating Systems 3 credits</td>
</tr>
</tbody>
</table>

YEAR 2 - 12TH GRADE

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>INFO1281 ^  Networking Concepts 2 credits</td>
<td>INFO1214 ^  Programming Concepts 2 credits</td>
</tr>
</tbody>
</table>

10 credits

Suggested DC Advantage

General Education Learning Outcomes (*GELOs) to meet program requirements

YEAR 1 - 11TH GRADE

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1150 ^  College Algebra (GELO #5) 3 credits</td>
<td>PSYC 1810 ^  Intro. to Psychology (GELO #3) or POLS 1000 ^  American Government (GELO #4) 3 credits</td>
</tr>
</tbody>
</table>

YEAR 2 - 12TH GRADE

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 ^  English Composition I (GELO #2) 3 credits</td>
<td>SPCH 1110 ^  Public Speaking (GELO #1) 3 credits</td>
</tr>
</tbody>
</table>

12 credits

Scholarship savings: 22 credit hours \( \times \$111.00 = \$2,442 \div 2 = \$1,221 \).

Associate of Applied Science Degree — Computer Information Technology

To complete this degree at SCC:

Courses depend on focus area plus (GELO #6)

48 credits


SCC graduate salary: Recent graduates report $48,000 per year (SCC 2018 Graduate Employment Report).

For more information: Linda Bettinger, 402-437-2490 or 800-642-4075 ext. 2490, lbettinger@southeast.edu or Jo Schuster, 402-437-2492 or 800-642-4075 ext. 2492, jschuster@southeast.edu or Academic Transfer Advisor: academictransfer@southeast.edu

www.southeast.edu/highschoolstudentprograms
# MANUFACTURING-ENERGY PATHWAY

## YEAR 1 - 11TH GRADE

<table>
<thead>
<tr>
<th>CAREER PATHWAY</th>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENER 1100 ^</td>
<td>Energy Industry Fundamentals 3 credits</td>
<td>ENER 2102 ^</td>
</tr>
<tr>
<td>ENER 1110</td>
<td>Operator Safety 3 credits</td>
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</tbody>
</table>

## YEAR 2 - 12TH GRADE

<table>
<thead>
<tr>
<th>CAREER PATHWAY</th>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
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</thead>
<tbody>
<tr>
<td>ENER 2130 ^</td>
<td>Green Energy Technologies 2 credits</td>
<td>ENER 1110</td>
</tr>
<tr>
<td>MATH 1150 ^</td>
<td>College Algebra (GELO #5) 3 credits</td>
<td>ECON 1200 ^</td>
</tr>
<tr>
<td>ENGL 1010 ^</td>
<td>English Composition I (GELO #2) 3 credits</td>
<td>SPCH 1110 ^</td>
</tr>
</tbody>
</table>

## Scholarship savings:

22 credit hours \times $111.00 = $2,442 ÷ 2 = $1,221.

## Associate of Applied Science Degree — Energy Generation Operations

<table>
<thead>
<tr>
<th>To complete this degree at SCC:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Courses depend on focus area.</td>
</tr>
</tbody>
</table>

## Possible career fields:

- Biofuels production facility operator
- Coal-fires power plant operator
- Combined Cycle power plant operator
- Heating-Cooling plant operator
- Hydroelectric Power plant operator
- Nuclear power plant operator
- Pipeline operator
- Process plant operator
- Refinery operator
- Solar power plant operator
- Water/wastewater treatment plant operator
- Wind turbine farm operator
- Wind turbine technician

## SCC graduate salary:

Recent graduates report $56,000 per year (SCC 2018 Graduate Employment Report).

## For more information:

- David Madcharo, 402-761-8464 or 800-933-7223 ext. 8394, dmadcharo@southeast.edu or Academic Transfer Advisor: academictransfer@southeast.edu

## General Education Learning Outcomes (GELOs)

<table>
<thead>
<tr>
<th>GELO #1: Oral Communication</th>
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www.southeast.edu/highschoolstudentprograms
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GELO #5: Analytical, Quantitative, and Scientific Reasoning
GELO #6: Career and Life Skills

* = Course is offered online.

Please note: Not all classes are available every term. Students must check availability in the credit class schedule: www.southeast.edu/classschedules
This course is designed to provide introductory knowledge of accounting principles, concepts, and practices. Included topics are the balance sheet, the income statement, the statement of owners’ equity, the statement of cash flows, worksheets, journals, ledgers, accruals, adjusting and closing entries, internal controls, inventories, fixed and intangible assets, liabilities, equity, and financial statement analysis. This course provides a foundation for more advanced work in the fields of accounting and business.

**AGR1123 Agriculture Occupation Exploration**  
Overviews of occupations in the field of agribusiness. In-depth exploration of several broad occupational areas and personal interview of at least two agribusiness management level employers.

**AGR1126 Introduction to Livestock Production**  
A comprehensive introduction to livestock production utilizing current literacy and terminology.

**AGR1131 Crop & Food Science**  
Principles and practices of production of the major agronomic crops of the high plains.

**AGR1171 Ag Technology**  
Introduction to agriculture technology applications used for solving agriculture problems with emphasis on logical and systematic decision making. Establishing a basic understanding of technology and how it’s used in agriculture.

**AGR1177 Companion Animals**  
Principles and practices for the life cycle and care of companion animals which may include nutrient regimen, breed identification, various infections and non-infectious disease diagnostics and treatment, anatomy, physiology, parasitic life cycles and internal and external identification, medication requirements for certain problems and the importance of companion animals in contemporary society.

**AGRI1211 Fundamentals of Ag Marketing**  
Study of new market opportunities in the agriculture industry. Developing a marketing plan and promotional strategies for agriculture products.

**AGRI1257 Live Animal Selection & Carcass Evaluation**  
Methods of selection and evaluation of live animals and carcasses. Training in selection of replacement breeding animals of economic importance. Purchasing slaughter animals and carcasses for primal cuts within the meat industry.

**BIOS1010 General Biology**  
This course covers fundamental processes of cells and organisms, cell structure genetics, evolution, classification, diversity, and interaction of organisms at the molecular, cellular, organic, ecosystems, and biosphere level. It is designed as both a course for non-majors and as a foundation course for those planning additional work in biology. Includes a lab.

**BIOS1090 General Botany**  
Survey of the plant kingdom with a study of representative plants from each of the major plant groups. Structure, relationships, economic importance and natural history of major plant groups. Lab is required concurrently.

**BIOS1120 Introduction to Zoology**  
Provides a survey of the animal kingdom. There is an emphasis on animal form and function, taxonomy, developmental biology, and the diversity of animal life. Laboratory exercises include observations and dissections of selected specimens. Lab is required concurrently.

**BSAD1050 Introduction to Business**  
An introductory study and overview of the role of business in society as well as a discussion of the various disciplines of business including an overview of business organization, management, marketing, human resource management, and finance. Also, a study and discussion of various strategies for success of specific public and private firms as well as small business. Business vocabulary used to understand and interpret business news and information.

**BSAD2520 Principles of Marketing**  
A study of the development of an effective marketing program including consumer behavior, product, pricing, distribution, and promotional strategies.

**BSAD2540 Principles of Management**  
Introduction to management theory and practice with emphasis on the primary functions of planning, organizing, leading, and controlling. Topics will include the ever-changing challenges and opportunities within the management field.

**CHEM 1090 - General Chemistry I**  
Prerequisite(s): MATH 1100 or an appropriate college level math score

This is the first course of a comprehensive chemistry sequence. Topics include nomenclature, atomic structure, chemical reactions, essentials of bonding, periodic properties, Valence Shell Electron Pair Repulsion Theory (VSEPR) modern bonding theories, stoichiometry, thermochemistry, and the chemistry of solids, liquids, gases. Lab must be taken concurrently.

**CNST1123 Concrete & Masonry Tools & Materials I**  
Theory designed to acquaint the student with materials and techniques for planning, estimating, and constructing masonry and concrete structures including foundations. Demonstrations, videos, and clinics emphasizing the best practices in concrete and form work.

**CNST1124 Concrete & Masonry Tools & Materials II**  
Prerequisites: CNST1123

A continuation of Concrete & Masonry Tools & Material I. Theory designed to acquaint the student with materials and techniques for planning, estimating, and constructing masonry and concrete structures including foundations. Demonstrations, videos, and clinics emphasizing the best practices in concrete and form work.

**CNST1125 Concrete & Masonry Applications I**  
Co-requisite: CNST1123

Laboratory application in proper use of concrete and masonry tools, materials. Experience in block and brick laying, concrete forming, and reinforcing and finishing. Safety training.

**CNST1126 Concrete & Masonry Applications II**  
Prerequisite: CNST1125 Co-requisite: CNST1124

A continuation of Concrete & Masonry Applications I. Laboratory application in proper use of concrete and masonry tools, materials. Experience in block and brick laying, concrete forming, and reinforcing and finishing. Safety training.

**CNST1126 Construction Tools and Materials I**  
Introduction to care, use and maintenance of hand tools, portable power and stationary lab equipment. New construction methods, materials and concepts. Origin, manufacturing processes, and characteristics and application of materials used in residential and light commercial construction today.

**CNST1127 Construction Tools and Materials II**  
Prerequisites: CNST1126

A continuation of Construction Tools & Materials I. Introduction to care, use and maintenance of hand tools, portable power and stationary lab equipment. New construction methods, materials and concepts. Origin, manufacturing processes, characteristics and application of materials used in residential and light commercial construction today.

**CNST1128 Construction Processes & Practices I**  
Co-requisite: CNST1126

Introduction to hand tools, construction safety, machine woodworking, modern practices and processes used in the building construction industry. Carpentry techniques, competency in blueprint reading, proper layout practices, parts cutting and assembly procedures.

**CNST1129 Construction Processes & Practices II**  
Prerequisite: CNST1128 Co-requisite: CNST1127

A continuation of Construction Processes & Practices I. Introduction to hand tools, construction safety, machine woodworking, modern practices and processes used in the building construction industry. Carpentry techniques, competency in blueprint reading, proper layout practices, parts cutting and assembly procedures.

**CRIM1010 Introduction to Criminal Justice**  
Provides an overview of the history, development and philosophies of the criminal justice system within America. Areas covered include crime and the criminal justice system, the police, the courts, corrections, and the juvenile justice system.

**CRIM1030 Courts & the Judicial Process**  
Surveys the United States judicial system. Topics include, but are not limited to, legal and constitutional concepts, institutions and processes. Coverage includes adult and civil courts.

**CRIM2030 Police and Society**  
Examines the role of the police in relationship to law enforcement and American society. Topics include, but are not limited to, the role and function of police, the nature of police organizations and police work, and the patterns of police-community relations.
**CRIM2100 Juvenile Justice** 3
Examines the origins, philosophy, and objectives of the juvenile justice system. Topics include, but are not limited to causation of crime (i.e. race/gender, socioeconomic relevance, victimization), the juvenile court system, the law enforcement approach, corrections, and prevention.

**ECDI1220 Preschool Child Development** 2
This course focuses on typical / atypical development of the child ages 3 through 5 years, in the domains of physical growth and motor skills, cognition and language, and social/ emotional development.

**ECDI130 Social-Emotional Development and Behavior Guidance** 3
Study the stages of development and the multiple influences that impact social and emotional development of children birth to age eight. Gain an understanding of the adult role in the child’s life and a wide range of effective techniques for supporting healthy development. Explore effective methods of guiding behavior and determining appropriate intervention.

**ECDI150 Introduction to Early Childhood Education** 3
An overview of early childhood education, history, trends and the philosophies of various programs, diversity, inclusion, licensing standards, current legislation, professionalism and advocacy are examined.

**EDUC1260 Early Childhood Health, Safety and Nutrition** 3
Defines interrelationship of safety, nutritional planning & health and how environmental factors affect young lives.

**EDUC1110 Introduction to Professional Education** 3
An overview of education in the United States viewed in terms of history, philosophy, finance and governance. Encourages critical thought regarding the role of education in our multicultural society, the role of the teacher, and educational practices in schools. The course is designed to help students explore education as a prospective career.

**EDUC2300 Introduction to Special Education** 3
Prerequisite: EDUC1110
Introduction to the history, legislation, litigation, instruction, and evaluation of exceptional learners. Overview of the development and characteristics of exceptional learners, cultural issues, and collaboration found in K-12 classrooms.

**EDUC2590 Instructional Technology** 3
This course is an introduction to a variety of technologies and strategies for use in the instructional process to accommodate all learners. The focus will also be on the social, ethical, legal and human issues surrounding the use of technology. NOTE: It is strongly recommended that students complete EDUC1110 prior to taking this class.

**ECON200 Personal Finance** 3
Prerequisite: Math competency recommended.
Covers the basic principles needed for effective personal financial management, including the practical applications of money management, budgeting, taxes, credit, insurance, housing, investments, and retirement planning.

**ENER100 Energy Industry Fundamentals** 3
The course content focuses on understanding various types of energy and their conversion to useable energy such as electrical power. How generated electrical power is transmitted and distributed to the point of use. Natural gas transmission and distribution systems are described. Compliance with safety procedures is introduced. Careers in energy industry and entry points are covered. Energy system reliability and governance are explained.

**ENER110 Operator Safety** 3
Operator-based safety topics including: OSHA 10-hour general industry certification, human performance tools, personal protective equipment, ladders, body harnesses, confined space, lock-out/tag-out, GHS, and fire extinguishers. Students will perform a supervised climb with fall-arrest-protection to above 20 feet. This course also provides aerial life and forklift training, arc flash awareness, and industrial accident case studies. Lab must be taken concurrently.

**ENER210 Nuclear Energy** 2
Prerequisite(s): MATH1050
Nuclear energy is a source of power which is created by a nuclear reaction. This course will give the student a basic understanding of the theory and philosophy behind nuclear energy. It will explain the rigors of nuclear culture. The atom and its binding forces will be introduced. Characteristics and properties of the various radiation types will be covered in detail. Nuclear technologies in industry, medicine, and agricultural applications will be discussed.

**ENER2130 Green Energy Technologies**
Prerequisite(s): Permission by Program Director
This course is an introduction to various green energy technologies including wind, solar, hydro and other types of renewable energy. Topics covered include physics, fluid dynamics, aerodynamics and various solar generation principles. A basic description of wind turbine systems and current and future solar generating systems is included as well as a description of hydroelectric facilities.

**ENGL1010 English Composition I**
Prerequisite: Appropriate placement score OR grade of “C” or higher in ENGL0985 (formerly ENGL0980).
Composition I offers instructional practice in the techniques of effective writing. The process of planning, writing, revising, and editing essays for particular audiences and purposes and research-related skills are also emphasized.

**ENGL1020 English Composition II**
Prerequisite: A grade of “C” or higher in ENGL1010.
Students will read and analyze various texts and respond with research-based argumentative essays that demonstrate information literacy, critical-reading, and source integration. A significant research project is required.

**ENGL2050 Modern Fiction**
Prerequisite: A grade of “C” or higher in ENGL1010.
Exploration of short fiction and novels from 1900 to the present. Consideration of major literary critical theories and trends through the study of both American and international authors.

**ENGL2100 Introduction to Literature**
Prerequisite: A grade of “C” or higher in ENGL1010.
Introduction to the major genres and conventions associated with literature. Includes fiction, poetry, and drama. By employing critical reading/thinking skills and analytical and creative writing skills, students will understand literature more fully. Exposure to a range of authors representing a variety of cultural and ethnic backgrounds.

**ENTR1050 Introduction to Entrepreneurship**
Prerequisite(s): MATH1050
The student will evaluate the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. The student will understand the role of entrepreneurial businesses in the United States and the impact on our national and global economy.

**FSDT1350 Basic Nutrition** 3
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.

**GIST1110 Introduction to Geospatial Technology** 3
Introduction to the fundamentals of Geospatial Technology, including Geographic Information Systems (GIS), Global Positioning Systems (GPS), cartography, and remote sensing, through a series of hands-on computer-based exercises. Students will learn how to utilize geospatial technology to address social and environmental issues.

**GIST1120 Spatial Analysis and Modeling**
Prerequisite: GIST1110
An introduction to problem-solving and decision-making using geospatial analysis techniques. Students will learn to effectively solve spatial problems and make decisions by working with a variety of data and methods using the spatial analysis tools in ArcGIS software.

**GIST1130 Data Acquisition & Management**
Prerequisite: GIST1110
A broad overview of the many capabilities of ArcGIS Pro will be explored. Students will receive a diverse sampling of industries, scenarios, and workflows that highlight the board appeal and many core functions offered by GIS. Students will explore some common geographic data formats used in ArcGIS and learn about sources of data and maps that can be incorporated into a GIS project. The student will learn the versatility of using geodatabases. The student will demonstrate how to design and build a geodatabase, migrate existing data to a geodatabase and edit data stored in a geodatabase.

**GIST1140 GIS Capstone**
Prerequisites: GIST1110, GIST1120, and GIST1130.
This course employs design principles to create and edit effective visual representations of data in different formats (e.g. hardcopy, digital, web) to complete projects that integrate the knowledge and skills learned in the three prerequisite GIS courses. In the capstone project students will create a project proposal, research design and carry it through to implementation, results, and analysis. Students will use the GIS functionality found within ESRI ArcGIS software as a tool to complete their projects.

Please note that many SCC courses are offered in a variety of formats including face-to-face, online, and hybrid (50% or more face-to-face classroom instruction plus 50% or less online). See the Credit Class Schedule or the course listings on WebAdvisor each term for details on the method of delivery. **Global Education Student World Denizen Course.  *=Course offered online.**
HIST2010 American History I
A survey of American history from the Age of Discovery through the Civil War and Reconstruction. Emphasis is on the political, economic, cultural, social, and technological issues that arise in the development of the American nation.

HIST2020 American History II
A survey of American history from the end of the Civil War era to the present. Emphasis is on the political, economic, cultural, social, and technological issues that arise in America’s development as a global power.

HIST2100 World History to 1500 CE
Survey of the major political, social, cultural and economic developments of African, Asian, Middle Eastern, and Europe societies from the origins of civilization to the Early-Modern era (1500). Emphasis is placed on the comparison, interaction, and diversity of the world’s major regions. Global Education Student World Denizen Course.

HLTH1040 Medication Aide
Prerequisite: Successful completion of nursing assistant course
This course prepares participants to assume the role of medication aide in an assisted living and long-term care facility in the State of Nebraska. Successful completion of this course allows you to apply to the state of Nebraska to be placed on the Medication Aide Registry. **Please note:** Employment requirements for HLTH1040, HLTH1080 and MEDI1000 is 18 years of age.

HLTH1050 Dental Terminology
This course is intended for students who are interested in the dental assisting profession either in the exploratory stage or an individual that is currently working in the field and would like to obtain a basic knowledge of proper Dental Terminology. The course modular approach ensures that students learn and comprehend the language of dentistry on a much deeper level and build a solid foundation for understanding terms within the profession.

HLTH1060 Comprehensive Medical Terminology
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.

HLTH1080 Electrocardiograph (EKG) Technician
The Electrocardiograph (EKG) Technician performs electrocardiographs according to physician’s orders and protocols. This course prepares students for the tasks and responsibilities that include: equipment operation, maintaining data reports, performing EKG procedures to assess heart rhythm and rate in patients. **Please note:** Employment requirements for HLTH1040, HLTH1080 and MEDI1000 is 18 years of age.

HLTH1090 Personal Care Aide
The Personal Care Aide (PCA) training will prepare students to provide non-medical support services in the homemaker and long term care environment. Learn the core competencies to provide care and comfort of disabled, elderly, and chronically ill patients. The course provides behavioral interventions and proactive strategies to assist in daily activities, personal hygiene, and communication with individuals and their families.

HLTH1100 Nutrition for the Healthcare Provider
This course focuses on basic concepts of nutrition for students pursuing careers in nursing and other health science fields. Students will explore nutrients, digestion, absorption, metabolism, food safety, nutrition through the life cycle, and cultural influences on food selection. The impact of nutrition on health status and in relation to disease is explored.

HLTH1150 Nursing Assistant
Prerequisite: Must be at least 16 years old
Overview of the health care system and role of the nursing assistant as a health care 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 healthcare 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.

HLTH1250 Sterile Processing
This course teaches students to handle medical equipment and surgical instrumentation in a safe and sanitary manner in order to begin to prepare them for work within a sterile processing department.

HLTH1350 Nutrition Aide
This course teaches basic nutrition principles as they relate to menu planning, safe food handling and preparation, and fundamental culinary and baking skills such as knife skills, basic food preparation and service, food safety and sanitation, HACCP, and menu planning. Nutrition aides may work in long-term care facilities, hospitals, home health care, or assisted living facilities.

HLTH1450 Physical Therapy Aide
This course provides the student with the skills and knowledge to work as a physical therapy aide or tech in a variety of physical therapy settings. Students will learn about the history of the physical therapy profession, ethical codes of conduct, and the American Physical Therapy Association. Customer service, HIPAA and privacy, legal issues, and safe patient handling skills will be taught.

HORT1130 Introduction to Horticulture
Introductory course designed to feature basic aspects and techniques of the horticulture industry. Emphasis will be placed on making the student aware of the different fields with the industry and the proper growing environment for indoor and outdoor horticulture crops.

HORT1136 Plant Propagation
Introductory study of plant propagation and reproduction. Areas of focus include vegetative reproduction, cross pollination and grafting procedures.

HORT1154 Greenhouse Management
Study of greenhouse operations including ventilation, lighting, and temperature control. Pest management is not only important in turfgrass management, but also in other horticulture crops. We feel it is important to have a class where all types of pests are taught. On golf courses you won’t just be treating turf pests but also pests that affect trees and other ornamentals. We will our students will benefit more to this well rounded approach of Horticulture Pest Management. It is also important for horticulturalists to know turfgrass pests as well. Before, we did not have a class that taught only Horticulture pests, we feel this is a great addition to this course to incorporate all our student’s needs.

HORT1216 Horticulture Business Management
Introduction to management principles in horticulture. Various topics will be discussed that are crucial to the management of a horticultural based business. Students will discuss the small business of a horticultural based business and the financial knowledge needed to run such a business.

INFO1151 Information Technology Fundamentals
Prerequisite: Appropriate placement scores or ENGL0960, or by permission
This course covers the fundamentals of computer concepts and terminology for desktop and mobile devices. Topics include hardware components, software overview, business and social aspects of computers, and internet research.

INFO1171 PC Operating Systems
An introduction to features and capabilities of both Microsoft Windows and Linux operating systems, including disk organization and file management. The course covers the essentials of operating system structure and standards.

INFO1214 Programming Concepts
Co-requisite(s): INFO1151, INFO1171
This course is an introduction to problem solving and structured program design. Topics include programming basics, decisions, loops, arrays, data validation, and coding of modules/functions.

INFO1281 Networking Concepts
Co-requisite(s): INFO1151, INFO1171
This course provides an overview of data communications and network concepts and terminology. Students explore hardware, addressing, network topologies, communication protocols, network design, security, and standards.

MATH 1020 - Technical Math
Prerequisite(s): A grade of "C" or higher in MATH 0950 or a grade of "B" or higher in MATH 0953 or appropriate score on the math placement test.
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.

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**MATH1150 College Algebra**  
Prerequisites: A grade of “C” or higher in MATH1100 or a grade of “B” or higher in MATH103 or appropriate score on the math placement test.  
This course is the study of relations, functions and their graphs, equations and inequalities, polynomial and rational functions, exponential and logarithmic functions, systems of equations and inequalities.

**MATH1200 Trigonometry**  
Prerequisite: “C” or higher in MATH1150 or appropriate score on the math placement test.  
A study of trigonometry in preparation for advanced math and science coursework. Use definitions of trigonometric functions to establish properties, create graphs, establish identities and formulae, and define inverse trigonometric functions. Use trigonometric functions and their inverses to solve trigonometric equations, and applications. Graphing in polar coordinates, and vector arithmetic.

**MATH1600 Analytic Geometry & Calculus I**  
Prerequisites: A grade of C or higher in MATH1150 and MATH1200 or a C or higher in MATH1300 or appropriate placement score.  
This course is a study of analytical geometry and single variable calculus. Topics include limits, continuity, derivatives, applications of derivatives, integrals, and applications of integrals.

**MATH1700 Calculus & Analytic Geometry II**  
Prerequisite: A grade of “C” or higher in MATH1600 or equivalent.  
Continuation of MATH1600. Study of antiderivatives, methods of integration; numerical methods, coordinates and conics, differential equations, Taylor series, and an introduction to differentiation and integration of vector valued functions. A graphing calculator or use of mathematical software may be required.

**MATH2170/BSDA2170 Applied Statistics**  
Prerequisites: A grade of “C” or higher in MATH1100 or a grade of “B” or higher in MATH103 or appropriate score on the math placement test.  
The practical application of statistical thinking to contemporary issues; collection and organization of data; probability distributions; statistical inference; estimation; and hypothesis testing.

**MEDA1101 Basic Medical Terminology**  
A basic study of word parts, medical terms, and abbreviations as it pertains to all of the body systems.

**MEDT1100 Procedures in Phlebotomy**  
Introduction to the principles and skills needed to safely perform venipuncture and capillary blood collection techniques and special collection procedures. Quality assurance procedures pertaining to collection and transport of specimens, laboratory safety, ethical and legal issues pertaining to phlebotomy, and anatomy and physiology of cardiovascular system included. Supervised instruction and experience in collection techniques in lab. **Please note:** Employment requirements for HLT104G, HLT106G and MEDT1100 is 18 years of age.

**MUSC1010 Introduction to Music (Music Appreciation)**  
An introduction and overview of the history of Western art music, from the Middle Ages to modern times. Includes the elements of music, historical style periods, and major composers and selected works.

**PHIL2610/RELS2610 Comparative Religions**  
Corequisite: ENGL0985 with a grade of C or higher.  
This course will offer a cross-cultural introduction to the world’s major religious/philosophical traditions or faith systems through a comparison of historical origins, rituals, beliefs, practices, worldviews, original religious texts and other important sources. Interdisciplinary approach to study of religion and various approaches to study of religious systems are a part of the world religions traditions assessment.

**POLS1000 American Government**  
A study of the functioning of the American political system through an analysis and application of its underlying theories.

**PSYC1250 Interpersonal Relations**  
Personal development and adjustment, self-esteem building, values clarification and decision-making, interpersonal communication skills, appreciation of diversity, development of healthy personal and professional relationships.

**PSYC1810 Introduction to Psychology**  
An introduction to the science of psychology including the application of critical thinking to the study of learning theory, memory, personality, growth and development, biological and neurological aspects, abnormal behavior; therapies, intelligence, motivation, emotion, sensation, perception, and theoretical perspectives.

**PSYC2960 Life-span Human Development**  
Prerequisites(s): PSYC 1810 or SOCI 1010.  
Integration of the basic concepts and principles of physical, cognitive and psychosocial development at each major stage of life. Provides an essential background for students in psychology, nursing, education, social welfare and home economics; for workers in community service; and for parents and prospective parents. Global Education Student World Denizen Course.

**SOCI1010 Introduction to Sociology**  
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.

**SPCH1110 Public Speaking**  
This course will enable students to master the skills required of speaking in today's workplace and society. This course will focus on the organization, preparation, research, and evidence needed for a presentation that is tailored to fit the audience. This course will also enhance the students' listening skills which will assist them in everyday situations.

**WELD1101 SMAW I**  
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.

**WELD1105 Oxyacetylene Welding and Cutting**  
Prerequisite: WELD1101  
Study of the theory, safety, equipment and applications of the Oxyacetylene Welding Process. Laboratory exercises with the Oxyacetylene Welding, Braze Welding, Oxyacetylene Cutting and related processes. Explanation of and proper use of equipment and measuring tools.

**WELD1210 GMAW Theory**  
Prerequisites: WELD1101, WELD1105  
Study of Gas Metal Arc Welding theory, safety, applications, manipulative skills, welding principles, and procedures. Study and use of various filler wires and shielding gases and welding power source set-up.

**WELD2310 FCAW**  
Prerequisite: WELD1122  
Theory and laboratory exercises using the Flux Cored Arc Welding process in the flat, horizontal, vertical and overhead positions.

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## NEBRASKA DEPARTMENT OF EDUCATION CTE COURSES AND PROGRAMS OF STUDY

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<tr>
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<tr>
<td>HORT-1216</td>
<td>Horticulture Business Management</td>
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<td>HORT-1154</td>
<td>Greenhouse Management</td>
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<td>HORT-1130</td>
<td>Introduction to Horticulture</td>
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<td>AGRI-1257</td>
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<td>HORT-1130</td>
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### BUSINESS, MANAGEMENT AND ADMINISTRATION CLUSTER

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<td>BSAD-1050</td>
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### EDUCATION & TRAINING CLUSTER

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### HUMAN SERVICES CLUSTER

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<td>ECED-1150</td>
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<td>ECED-1260</td>
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<td>Social-Emotional Development &amp; Behavior Guidance</td>
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### HEALTH SCIENCES CLUSTER

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<td>HLTH-1050</td>
<td>Dental Terminology</td>
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<td>HLTH-1060</td>
<td>Comprehensiv Medical Terminology</td>
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<td>HLTH-1080</td>
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<td>HTLH-1090</td>
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<td>HLTH-1150</td>
<td>Nursing Assistant</td>
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<td>HLTH-1350</td>
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<td>MDA-1101</td>
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<td>MEDT-1100</td>
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### ENERGY & ENGINEERING CLUSTER

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<tr>
<td>ENER-2130</td>
<td>Green Energy Technologies</td>
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### INFORMATION TECHNOLOGY CLUSTER

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<td>INFO-1151</td>
<td>Information Technology Fundamentals</td>
<td>270504</td>
</tr>
<tr>
<td>INFO-1171</td>
<td>PC Operating Systems</td>
<td>270606</td>
</tr>
<tr>
<td>INFO-1214</td>
<td>Programming Concepts</td>
<td>270403</td>
</tr>
<tr>
<td>INFO-1218</td>
<td>Networking Concepts</td>
<td>270601</td>
</tr>
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### ARCHITECTURE & CONSTRUCTION CLUSTER

<table>
<thead>
<tr>
<th>SCC #</th>
<th>Title</th>
<th>NDE Course Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNST-1123/1124</td>
<td>Concrete &amp; Masonry Tools &amp; Material I &amp; II</td>
<td>NDCTE</td>
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<tr>
<td>CNST-1125/1126</td>
<td>Concrete &amp; Masonry Applications I &amp; II</td>
<td>NDCTE</td>
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<tr>
<td>CNST-1226/1227</td>
<td>Tools &amp; Materials II &amp; II</td>
<td>100100</td>
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<tr>
<td>CNST-1228/1229</td>
<td>Construction Processes &amp; Practices II</td>
<td>100120</td>
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### LAW, PUBLIC SAFETY CORRECTIONS & SECURITY CLUSTER

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<thead>
<tr>
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<tr>
<td>CRIM-1010</td>
<td>Introduction to Criminal Justice</td>
<td>390015</td>
</tr>
<tr>
<td>CRIM-2100</td>
<td>Juvenile Justice</td>
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<tr>
<td>CRIM-2030</td>
<td>Courts &amp; the Judicial Process</td>
<td>390025</td>
</tr>
<tr>
<td>CRIM-2100</td>
<td>Police &amp; Society</td>
<td>390026</td>
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### MANUFACTURING CLUSTER

<table>
<thead>
<tr>
<th>SCC #</th>
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<tr>
<td>WELD-1101</td>
<td>SAW I</td>
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<tr>
<td>WELD-1105</td>
<td>Oxyacetylene Welding &amp; Cutting</td>
<td>016004</td>
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<tr>
<td>WELD-1122</td>
<td>GMAW Theory</td>
<td>101930</td>
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<td>WELD-1210</td>
<td>GMAW Lab I</td>
<td>101940</td>
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<tr>
<td>WELD-2310</td>
<td>FCAW</td>
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Southeast Community College’s SENCAP supports the Nebraska Department of Education’s Career Education Model. [https://www.education.ne.gov/nce/CareerClustersResources.html](https://www.education.ne.gov/nce/CareerClustersResources.html) For more information on careers in Nebraska, go to [www.nebraskacareerconnections.org](http://www.nebraskacareerconnections.org).

For a complete list of Course Codes and Clearing Endorsements visit [https://cestandards.education.ne.gov](https://cestandards.education.ne.gov)
NEW Students must complete and submit this application form to be considered for participation/enrollment in Southeast Nebraska Career Academy Partnership (SENCAP) or DC Advantage’s dual-credit courses.

SENCAP - CAREER ACADEMY PATHWAY

☐ Agriculture
☐ Business
☐ Construction
☐ Criminal Justice

Early Child. Education
Education (K-12)
GIS
Health
Horticulture
Info Tech (Comp.)
Livestock

Manufacturing - Energy
Manufacturing - Welding

and/or

DC ADVANTAGE

☐ ONLY taking General Education Learning Outcome classes, NOT Career Academy Pathway classes

☐ Enrolling in BOTH an Academy Pathway, and taking GELOs

BOTH

Student Information (Please type or print neatly in black ink)

Student Name _____________________________________________________________________Birth Date* mm/dd/yyyy

Student Social Security Number _____ _____ _____ - _____ _____ - _____ _____ _____

SCC ID# ________________________________

Mailing Address/City/State/Zip _________________________________________________________________________________________

Student Cell Phone# ___________________________ Home Phone# ________________________________

Student Email Address (REQUIRED) ______________________________________________________________________________________

High School ______________________________________________________________________   Graduation Year:  ___________________

FERPA/RELEASE OF INFORMATION: I have read and understand that my educational records at Southeast Community College are protected by the Family Educational Rights and Privacy Act of 1974 (FERPA). I understand I am not required to authorize a Release of Information for my parent(s)/guardian(s) in order to participate in the SENCAP/DC Advantage program. I also understand I can rescind or make changes to a Release of Information at any time by contacting The Registration and Records Office at Southeast Community College.

☐ YES, I hereby grant permission for Southeast Community College to share my SENCAP/DC Advantage educational records, including billing statements, with my parent(s)/guardian(s) listed below:

Release of Information to: Parent/Guardian Names (s) __________________________________________

Parent/Guardian Information

I grant my student permission to enroll in dual-credit courses through SENCAP/DC Advantage during the school year. I understand I am responsible for all tuition and or fees associated with dual-credit courses less any scholarship or payments made by their high school or third parties. I am aware that if my student withdraws from a course after the tuition refund date, I am still responsible for tuition and fees. I understand that my student failing dual-credit courses has consequences and may cause a student to be ineligible for Federal Financial Aid after high school graduation. I understand my student’s FERPA rights.

PRINT Parent/Guardian Name ___________________________ Primary Phone# __________________

Parent/Guardian Signature X ___________________________ Date mm/dd/yyyy

High School Permission

This student has demonstrated the ability to benefit from college-level courses and has met all prerequisites. Approval is granted.

Counselor/Administrator Signature X ___________________________ Date mm/dd/yyyy

MAKE A COPY OF THIS FORM FOR YOUR RECORDS.

FERPA: Southeast Community College has developed policies and procedures in compliance with the Family Educational Rights and Privacy Act of 1974 (FERPA). FERPA is a federal law that protects the privacy of student educational records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education. FERPA gives parents certain rights with respect to their children’s education records. These rights transfer to the student when they reach the age of 18 or attend a school beyond the high school level. To see the SCC policy, please visit www.southeast.edu/legalnotices and click on FERPA.

For assistance completing this form, contact the SENCAP/Dual Credit Administrative Director, Erin May, at emay@southeast.edu or 402-437-2859.
GENERAL INFORMATION FOR APPLICATION TO SENCAP/DUAL-CREDIT

EXPECTATIONS
1. Enrollment of high school students at Southeast Community College is limited to students who have demonstrated the ability to be successful in college-level courses. Depending on conditions and/or situations, exceptions to the minimum age requirement may be granted.
2. Classes taken for college credit will be recorded on a permanent college transcript.
3. The student is expected to continue high school which includes regular attendance and maintaining satisfactory academic progress.
4. Regular tuition and fees will be charged. Parents are responsible for all tuition and fees less any scholarships or payments made by the high schools or other third parties.
5. Students enrolled must abide by all Southeast Community College rules and regulations, including drop deadlines for tuition refunds.
6. Failing college classes has consequences and may cause a student to be ineligible for Federal Financial Aid after graduation.
7. Students may be responsible for the cost of textbooks. Please check with your high school.
8. This form must be completed and signed by the student, parent/guardian, and high school representative prior to registration.
9. If payment is not received, Southeast Community College reserves the right to withdraw the student or place a hold on the student’s account which will affect the ability to register for future classes and/or to receive official college transcripts.
10. Students have read the Honor Statement available in the SENCAP Guidebook and will adhere to those guidelines.

STUDENT EDUCATIONAL RECORDS:
According to FERPA, in situations where a student is enrolled in both a high school and a postsecondary institution, the two schools may exchange information on that student in order to provide educational services.

If the student is under the age of 18, the parent(s)/guardian(s) still retain their rights under FERPA at the high school, and may inspect and review any records sent by the postsecondary institution to the high school.

As a post-secondary institution, Southeast Community College does not provide information to parents or guardians without:
   a. written permission from the student and/or
   b. documentation attesting that the student is a dependent, as defined under section 152 of the Internal Revenue Code.

RELEASE OF INFORMATION TO PARENT(S)/GUARDIAN(S):
I understand that my educational records are protected by the Family Educational Rights and Privacy Act of 1974 (FERPA). I understand that I am not obligated to sign a Release of Information for my parent(s)/guardian(s) in order to participate in the SENCAP/DC Advantage program and that I can rescind or make changes to this Release of Information at any time by contacting the Registration and Records Office at Southeast Community College.

(POLICY OF) PRIVACY OF EDUCATIONAL RECORDS/FERPA
(from the SCC Catalog 2/13/2019) Southeast Community College has developed policies and procedures in compliance with the Family Educational Rights and Privacy Act of 1974 (FERPA). FERPA is a federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education. FERPA gives parents certain rights with respect to their children’s education records. These rights transfer to the student when they reach the age of 18 or attends a school beyond the high school level. Students to whom the rights have transferred are “eligible students.”

FERPA
Generally, you have the following rights: to inspect and review your educational records; to a hearing to challenge the contents of your records; and to receive copies of all or part of your educational records upon request.

All requests for student records, information, and/or questions relating to the release of records and information must be in writing and directed to the campus Registration and Records Office.

FERPA permits public disclosure of directory information without the student’s consent. Directory information is information contained in a student’s education record that would not generally be considered harmful or an invasion of privacy if disclosed.

Directory information consisting of the items listed below may be released without the student’s consent:
   • Student Name
   • Major Field of study
   • Dates of attendance
   • Enrollment status
   • Most recent previous school attended
   • Degrees and awards received

   • Honors and awards received, including Dean’s List and other academic honors
   • Participation in officially recognized co-curricular activities (e.g. music, sports)
   • Weight and height of athletic team members
   • Parking permit number and auto license number
   • Photograph/Video*

When available, your physical address, email address and/or telephone number may be released at the discretion of the Student Affairs Office.

*Use of Photographs/Video:
Photographers/videographers employed or contracted by SCC regularly take photographs/video of people, either individually or in a group, to illustrate or describe various aspects of the College and campus life. These photographs/video will be taken at public venues such as athletic events and concerts. Or they may be taken in organized campus photo/video shoots where the subjects will have given verbal consent to be photographed/video taped while attending a public event or who verbally agree to participate in a photo/video shoot will be understood to have authorized SCC to use their likeness in print and electronic materials to promote the College. The College will retain the usage rights to the photographs/video in perpetuity.

To avoid having Directory Information released, you must submit a written request to the campus Registration and Records Office within 10 classroom/business days, not including Saturdays, Sundays, and holidays, after initial enrollment in the College. After the initial 10-day period, any new request for withholding of directory information shall require a 10-classroom day (not including Saturdays, Sundays, and holidays) written notice to the campus Registration and Records Office to become effective.
Confidentiality: The Student Support and Accommodations Resource Office keeps all records and accompanying documentation of students with disabilities, pregnant and parenting students confidential.

If you meet any of the following criteria, you may qualify for accommodations:

- Students who experience a disability
- Students who have or have had an IEP or 504 Plan in high school
- Students who are expecting a child

Students can contact the SENCAP/Dual-Credit Coordinator working with their school to apply for accommodations through SCC.

Confidentiality: The Student Support and Accommodations Resource Office keeps all records and accompanying documentation of students with disabilities, pregnant and parenting students, confidential.

THE SENCAP MISSION
SENCAP is committed to preparing high school juniors and seniors to be both college- and career-ready by providing them with active, engaged and relevant learning opportunities.

THE SCC MISSION
The mission of Southeast Community College is to empower and transform its students and the diverse communities it serves. The College provides accessible, dynamic, and responsive pathways to career and technical, academic transfer, and continuing education programs. Student success and completion is maximized through collegiate excellence, exemplary instruction, comprehensive student support services, enrichment programs, and student-centered processes. SCC is committed to a proactive and evidence-based approach that continually assesses and responds to student, community, and employer demand for higher education.

LIMITATIONS OF PUBLICATION INFORMATION
This publication should not be considered a contract between SCC and any prospective student. SCC’s Board of Governors reserves the right to make changes in this publication during the life of the publication and without notice.

SCC BOARD OF GOVERNORS
Kathy Boellstorff, Johnson; Tim Cerveny, Wilber; Robert J. Feit, Lincoln; James J. Garver, Lincoln; Keith Hammons, Weeping Water; Dale Kruse, Beatrice; Edward C. Price, Lincoln; Lynn Schluckebier, Seward; Nancy A. Seim, Lincoln; Ellen Weissinger, Lincoln; Kristin Yates, Lincoln; Linda Hartman, Faculty Representative, Lincoln (2/18/2020)
Southeast Community College has campuses in Beatrice, Lincoln and Milford with Learning Centers in Falls City, Hebron, Nebraska City, Plattsmouth, Wahoo, and York.