

GUIDED CAREER *Pathways*

2023-2024

▶ nicc.edu/hspartnerships



***NORTHEAST IOWA
COMMUNITY COLLEGE***

Welcome

to college credit courses through NICC!

Northeast Iowa Community College (NICC) courses generate high school credit toward your high school graduation requirements, while starting your official college transcript. We are excited to offer you courses that lead into career pathways. The College has course opportunities for you regardless of where you are on your career planning journey.

➤ **AWARENESS**

➤ **EXPLORATION**

➤ **EARLY ADMISSIONS**

➤ **GENERAL EDUCATION**

The College partners with 25 in-district high schools to offer college credit coursework to students to expand career opportunities and college readiness. Students can participate in college credit opportunities through concurrent and Placement in College Credit (PICC) courses.

+ **CONCURRENT**

NICC courses contracted by your high school. Courses are taught by a high school or College instructor, at your high school or an NICC location.

+ **PICC**

Courses scheduled by the College for students. High School students may enroll in individual course sections offered online or at an NICC Location.



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25

HIGH SCHOOLS
SERVED

21

SCHOOL DISTRICTS
SERVED

11%

OF IN-DISTRICT
HIGH SCHOOL SENIORS
ENROLLED AT NICC
FOLLOWING GRADUATION

76%

OF IN-DISTRICT HIGH
SCHOOL SENIORS WHO
ENROLLED AT NICC
FOLLOWING GRADUATION
HAD TAKEN COURSES
THROUGH THE COLLEGE
WHILE IN HIGH SCHOOL

ACCREDITED

BY THE NATIONAL ALLIANCE
OF CONCURRENT ENROLLMENT
PARTNERSHIPS (NACEP)

Liberal Arts & Transfer

Associate of Arts

Course Set	Course	Credits
Communications		
ENG105	Composition I	3
ENG106	Composition II	3
SPC 112	Public Speaking	3
Humanities		
Literature Elective	LIT101 Intro to Literature OR LIT134 Multicultural Literature	3
Diversity Elective	HIS214 Russian History and Culture OR HUM108 Cultural Diversity and Identity OR LIT134 Multicultural Literature	3
History Elective	ART or HIS	3
Humanities Elective	ART, ASL, CLS, DRA, FLS, HIS, HUM, LIT, MUA, MUS, PHI, REL	3
Social Science		
Social Science Elective	<i>Choose from at least two disciplines</i> ECN, GEO, POL, PSY, SOC	9
Math & Science		
Math Elective	MAT	3-6
Science Elective	<i>One science course must include a lab component</i> BIO, CHM, ENV, PHS, PHY	4-7
Electives		
SDV179	The College Experience	3
Elective Courses	Select courses towards your desired discipline	17

Transfer Majors

- + Business
- + Criminal Justice
- + Elementary Education
- + English
- + Exercise Science & Kinesiology
- + History
- + Human & Family Services
- + Psychology
- + Secondary Education
- + Social Work
- + Sociology

Associate of Science

Course Set	Course	Credits
Communications		
ENG105	Composition I	3
ENG106	Composition II	3
SPC 112	Public Speaking	3
Humanities & Social Science		
Diversity Elective	HIS214 Russian History and Culture OR HUM108 Cultural Diversity and Identity OR LIT134 Multicultural Literature	3
History Elective	ART or HIS	3
Humanities & Social Science Elective	ART, ASL, CLS, DRA, ECN, FLS, GEO, HIS, HUM, LIT, MUS, PHI, POL, PSY, REL, SOC	6
Math & Science		
Math Elective	MAT	3-16
Science Elective	<i>One science course must include a lab component</i> BIO, CHM, ENV, PHS, PHY	4-17
Electives		
SDV179	The College Experience	3
Elective Courses	Select courses towards your desired discipline	17

Transfer Majors

- + Agriculture Business
- + Agriculture Education
- + Agronomy
- + Animal Science
- + Biology
- + Mathematics



Liberal Arts & Transfer

► nicc.edu/transfer

°Length	Program	Award	Location	•In-State Cost	•Out-Of-State Cost
2 Years	Agriculture Business Transfer Major	AS	C	\$13,440	\$15,180
2 Years	Agriculture Education Transfer Major	AS	C	\$13,464	\$15,204
2 Years	Agronomy Transfer Major	AS	C, P	\$13,200	\$14,940
2 Years	Animal Science Transfer Major	AS	C	\$13,428	\$15,168
2 Years	Associate of Arts	AA	C, P, O, D	\$13,428	\$15,168
2 Years	Associate of Science	AS	C, P, O, D	\$13,200	\$14,940
2 Years	Biology Transfer Major	AS	C, P	\$13,452	\$15,192
2 Years	Business Transfer Major	AA	C, P, O	\$13,416	\$15,156
2 Years	Criminal Justice Transfer Major	AA	C, P, O	\$13,428	\$15,168
2 Years	Elementary Education Transfer Major	AA	C, P	\$13,440	\$15,180
2 Years	English Transfer Major	AA	C, P, O	\$13,452	\$15,192
2 Years	Exercise Science & Kinesiology Transfer Major	AA	C, P	\$13,416	\$15,156
2 Years	History Transfer Major	AA	C, P	\$13,440	\$15,180
2 Years	Human & Family Services Transfer Major	AA	C, P	\$13,428	\$15,168
2 Years	Mathematics Transfer Major	AS	C, P, O	\$13,428	\$15,168
2 Years	Psychology Transfer Major	AA	C, P, O	\$13,440	\$15,180
2 Years	Secondary Education Transfer Major	AA	C, P	\$13,440	\$15,180
2 Years	Social Work Transfer Major	AA	C, P, O	\$13,428	\$15,168
2 Years	Sociology Transfer Major	AA	C, P, O	\$13,440	\$15,180

LEGEND

Location: C • Calmar P • Peosta O • Online D • Dubuque

Award: AA • Associate of Arts AS • Associate of Science

Transfer Majors

Enrolling in an Associate of Arts (AA) or Associate of Science (AS) program at NICC is a great way to start earning your bachelor's degree. In addition to taking general education courses, choose courses that prepare you for transfer and meet requirements within your intended major.

While at NICC, you will work closely with an enrollment advisor and your transfer institution to ensure courses are appropriate and will benefit you the most when transferring.

Courses you may choose within Transfer Majors:

AG BUSINESS

ACC:152 Financial Accounting
AGB:235 Introduction to Agriculture Markets
AGB:330 Farm Business Management
AGB:336 Agriculture Selling
CHM:110 Introduction to Chemistry
CHM:111 Introduction to Chemistry Lab
ECN:130 Principles of Microeconomics

AG EDUCATION

ACC:152 Financial Accounting
AGA:114 Principles of Agronomy
AGA:154 Fundamentals of Soil Science
AGS:101 Working with Animals
AGS:114 Survey of Animal Industry
BIO:112 General Biology I
BIO:113 General Biology II
CHM:110 Introduction to Chemistry
CHM:111 Introduction to Chemistry Lab
ECN:130 Principles of Microeconomics
MAT:156 Statistics

AGRONOMY

AGA:114 Principles of Agronomy
AGA:154 Fundamentals of Soil Science
CHM:110 Introduction to Chemistry
CHM:111 Introduction to Chemistry Lab
ECN:130 Principles of Microeconomics
MAT:120 College Algebra
MAT:156 Statistics

ANIMAL SCIENCE

AGS:101 Working with Animals
AGS:114 Survey of Animal Industry
AGS:226 Beef Cattle Science
BIO:112 General Biology I
BIO:113 General Biology II
ECN:130 Principles of Microeconomics
MAT:120 College Algebra
MAT:156 Statistics

BIOLOGY

BIO:112 General Biology I
BIO:113 General Biology II
CHM:160 Chemistry I
CHM:161 Chemistry I Lab
CHM:170 Chemistry II
CHM:171 Chemistry II Lab
MAT:210 Calculus I

BUSINESS

ACC:152 Financial Accounting
ACC:156 Managerial Accounting
BUS:185 Business Law I
CSC:116 Information Computing
ECN:120 Principles of Macroeconomics
ECN:130 Principles of Microeconomics
MAT:140 Finite Math
MAT:156 Statistics

CRIMINAL JUSTICE

CRJ:100 Introduction to Criminal Justice
CRJ:200 Criminology
CRJ:201 Juvenile Delinquency
MAT:156 Statistics
POL:111 American National Government
SOC:110 Introduction to Sociology

ELEMENTARY EDUCATION

EDU:210 Foundations of Education
EDU:235 Children's Literature
EDU:245 Exceptional Learner
EDU:255 Technology in the Classroom
EDU:282 Field Experience
HIS:151 US History to 1877
MAT:117 Math for Elementary Teachers
PSY:121 Developmental Psychology
PSY:281 Educational Psychology

ENGLISH

LIT:101 Introduction to Literature
LIT:110 American Literature to Mid-1800's
LIT:111 American Literature since Mid-1800's
LIT:134 Multicultural Literature

EXERCISE SCIENCE & KINESIOLOGY

BIO:112 General Biology I
BIO:151 Nutrition
BIO:168 Human Anatomy and Physiology I
BIO:173 Human Anatomy and Physiology II
MAT:156 Statistics

HISTORY

HIS:131 World Civilization I
HIS:132 World Civilization II
HIS:151 U.S. History to 1877
HIS:152 U.S. History since 1877

HUMAN & FAMILY SERVICES

HSV:804 Internship
MAT:156 Statistics
PSY:111 Introduction to Psychology
PSY:121 Developmental Psychology
PSY:261 Human Sexuality
SOC:110 Introduction to Sociology
SOC:120 Marriage and Family
SOC:160 Introduction to Social Work

MATHEMATICS

MAT:156 Statistics
MAT:210 Calculus I
MAT:216 Calculus II
MAT:219 Calculus III
MAT:227 Differential Equations with Laplace

PSYCHOLOGY

MAT:156 Statistics
PSY:111 Introduction to Psychology
PSY:121 Developmental Psychology
PSY:251 Social Psychology

SECONDARY EDUCATION

EDU:210 Foundations of Education
EDU:245 Exceptional Learner
EDU:255 Technology in the Classroom
EDU:282 Field Experience
HIS:151 US History to 1877
PSY: 121 Developmental Psychology
PSY: 281 Educational Psychology

SOCIAL WORK

BIO:157 Human Biology
MAT:156 Statistics
POL:111 American National Government
PSY:111 Introduction to Psychology
SOC:110 Introduction to Sociology
SOC:160 Introduction to Social Work

SOCIOLOGY

MAT:156 Statistics
POL:111 American National Government
PSY:251 Social Psychology
SOC:110 Introduction to Sociology
SOC:115 Social Problems
SOC:120 Marriage and Family

THE **SMART** START TO A 4-YEAR DEGREE

Why pay more? You'll take the same classes the first two years of your four-year degree - **no matter where you go.**

Tuition Comparisons BASED ON 30 CREDITS/YEAR

	Tuition Cost	Savings by Attending NICC
Northeast Iowa Community College	\$5,280	—
Iowa State University	\$8,324	\$2,924
University of Iowa	\$8,356	\$2,956
University of Northern Iowa	\$7,780	\$2,380
Iowa Private Institutions	\$31,633	\$26,233

Advanced Manufacturing



Awareness:

PICC or Concurrent courses to learn about a variety of career opportunities in a pathway.



Exploration:

PICC or Concurrent courses to explore NICC program courses in a career pathway.




Early Admission:

Sequential PICC or Concurrent courses that go directly into a NICC program or result in a Career Pathway Certificate.



General Education:

PICC or Concurrent courses that students complete to fulfill core degree requirements.

 Courses marked with a check mark satisfy a program degree requirement. Connect with your high school counselor and NICC College and Career Coach to learn what course options are available to you.

Course Number	Course Name	Computer Numerical Control (CNC) PEOSTA	Engineering Technology PEOSTA	Industrial Maintenance Technician PEOSTA	Welding PEOSTA
MFG187	Plant Safety <i>meets OSHA10 requirement</i>	✓	✓	✓	
WBL110	Employability Skills				
WEL228	Welding, Safety and Health <i>meets OSHA10 requirement</i>				✓
MFG195	Manufacturing Processes I	✓	✓		
WEL192	Gas Tungsten Arc Welding				✓
WEL427	Basic Arc Welding (SMAW)				✓
WEL434	Flame/Plasma Cutting Fundamentals				✓
EGT114	Introduction to Engineering Technology		✓		
EGT192	Engineering Graphics and Design		✓		
MFG119	Machine Trades Print Reading	✓	✓		
MFG163	Manual Mills and Grinders	✓			
MFG164	Manual Lathes	✓			
MFG182	Introduction to CNC	✓	✓		
WEL110	Welding Blueprint Reading		✓		✓
WEL330	Welding Fundamentals		✓	✓	
WEL433	Basic Gas Metal Arc Welding (GMAW)				✓
COM723	Workplace Communication	✓	✓	✓	✓
MAT744	Technical Math	✓	✓		
MAT747	Technical Math II		✓		
MAT772	Applied Math				✓
MAT773	Applied Math II			✓	
PSY112	Psychology of Human Relations		✓	✓	
SDV179	The College Experience	✓	✓	✓	✓



Advanced Manufacturing

► nicc.edu/advancedmanufacturing

Length	Program	Award	Location	In-State Cost +	Out-Of-State Cost +
1 Year	Computer Numerical Control (CNC) Machinist Technician	D	P	\$10,092	\$11,397
3-4 Months	Computer Numerical Control (CNC) Operator	CPC	P, CC, OC	\$2,589	\$2,589
2 Years	Engineering Technology	AAS	P	\$18,156	\$20,505
2 Years	Industrial Automation and Mechatronics	AAS	P	\$15,358	\$17,345
1-2 Years	Industrial Maintenance Technician	D, A.A.S	P	\$7,954 - \$14,906	\$8,984 - \$16,835
1.5 Months	Introduction to Advanced Manufacturing	CPC	C, P	\$625	\$625
3-4 Months	Introduction to Industrial Maintenance	CPC	C, P	\$2,589	\$2,589
1.5 Months	Warehouse Technician	CPC	P	\$1,699	\$1,699
9 Months	Welding	D	P	\$8,064	\$9,108
3-4 Months	Welding: Basic	CPC	CC	\$2,089	\$2,089
3-4 Months	Welding: GMAW	CPC	P, OC, MC, WC	\$3,299	\$3,299

LEGEND

Location: C • Calmar P • Peosta DC • Dubuque CC • Cresco Center MC • Manchester Center OC • Oelwein Center WC • Waukon Center
Award: AA • Associate of Arts AS • Associate of Science AAS • Associate of Applied Science CPC • Career Pathway Certificate
 C • Certificate D • Diploma

Agriculture & Animal Sciences



Awareness:

PICC or Concurrent courses to learn about a variety of career opportunities in a pathway.



Exploration:

PICC or Concurrent courses to explore NICC program courses in a career pathway.



Early Admission:

Sequential PICC or Concurrent courses that go directly into a NICC program or result in a Career Pathway Certificate.



General Education:

PICC or Concurrent courses that students complete to fulfill core degree requirements.

Courses marked with a check mark satisfy a program degree requirement. Connect with your high school counselor and NICC College and Career Coach to learn what course options are available to you.

Course Number	Course Name	Ag Business	Ag Finance	Agronomy & Crop Science CALMAR	Beef Science Technology CALMAR	Conservation Agronomist CALMAR	Dairy Science Technology CALMAR	Production & Companion Animal Vet Tech CALMAR
AGA114	Principles of Agronomy	✓	✓	✓	✓	✓	✓	
AGB330	Farm Business Management	✓	✓	✓	✓		✓	
AGS114	Survey of Animal Industry	✓	✓	✓	✓		✓	
WBL110	Employability Skills							
AGA154	Fundamentals of Soil Science	✓		✓		✓		
AGA159	Livestock Nutrient Management	✓		✓	✓	✓	✓	
AGB235	Intro to Agriculture Markets	✓	✓	✓	✓		✓	
AGS101	Working with Animals	✓	✓	✓	✓		✓	
AGS251	Beef Production MGMT				✓			
AGS353	Animal Genetics				✓		✓	
AGS360	Dairy Cattle Science						✓	
AGS944	Issues Facing Animal Science				✓		✓	
COM723 ENG105	Workplace Communications OR Composition I	✓		✓	✓	✓	✓	
ENG105	Composition I	✓	✓	✓	✓	✓	✓	✓
ENV115	Environmental Science	✓		✓	✓	✓	✓	
ENV116	Environmental Science Lab	✓		✓		✓		
PSY112	Psychology of Human Relations	✓	✓	✓	✓	✓	✓	✓
SDV179	The College Experience	✓	✓	✓	✓	✓	✓	✓
SPC112	Public Speaking	✓	✓	✓	✓	✓	✓	



Agriculture & Animal Sciences

► nicc.edu/agscience

Length	Program	Award	Location	In-State Cost +	Out-Of-State Cost +
2 Years	Agriculture Business	AAS	C, O	\$15,688	\$17,718
2 Years	Agriculture Business Transfer Major	AS	C, O	\$13,440	\$15,180
1 Year	Agriculture Business: Agriculture Finance	C	O	\$4,704	\$5,313
2 Years	Agriculture Education Transfer Major	AS	C	\$13,464	\$15,204
2 Years	Agriculture Finance	AAS	O	\$16,116	\$18,204
2 Years	Agronomy Transfer Major	AS	C, O	\$13,200	\$14,940
2 Years	Agronomy & Crop Science	AAS	C	\$15,492	\$17,493
9 Months	Animal Science	C	C, O	\$6,072	\$6,855
2 Years	Animal Science Transfer Major	AS	C	\$13,428	\$15,168
2 Years	Beef Science Technology	AAS	C	\$15,284	\$17,256
2 Years	Conservation Agronomist	AAS	C, O	\$13,708	\$15,477
2 Years	Dairy Science Technology	AAS	C	\$15,516	\$17,517
1 Year	Precision Agriculture	C	C	\$4,704	\$5,313
2 Years	Production & Companion Animal Veterinary Technician	AAS	C	\$15,308	\$17,280

LEGEND

Location: C • Calmar P • Peosta O • Online

Award: AA • Associate of Arts AS • Associate of Science AAS • Associate of Applied Science C • Certificate

Business & Hospitality



Awareness:

PICC or Concurrent courses to learn about a variety of career opportunities in a pathway.



Exploration:

PICC or Concurrent courses to explore NICC program courses in a career pathway.




Early Admission:

Sequential PICC or Concurrent courses that go directly into a NICC program or result in a Career Pathway Certificate.



General Education:

PICC or Concurrent courses that students complete to fulfill core degree requirements.

 Courses marked with a check mark satisfy a program degree requirement. Connect with your high school counselor and NICC College and Career Coach to learn what course options are available to you.

Course Number	Course Name	Accounting Specialist	Admin. Office Management	Applied Management	Business Admin.	Criminal Justice	Finance	Paralegal
ACC115	Intro to Accounting		✓					
ADM116	Keyboarding II		✓					✓
BUS102	Intro to Business	✓	✓	✓	✓			
CSC116	Information Computing	✓	✓		✓	✓	✓	✓
WBL110	Employability Skills							
ACC152	Financial Accounting	✓	✓	✓	✓		✓	
ACC312	Computer Accounting	✓	✓					
BUS180	Business Ethic				✓			
BUS185	Business Law I	✓	✓		✓		✓	
BUS199	Intro to Sports Administration			✓	✓			
CRJ100	Intro to Criminal Justice					✓		✓
ECN120	Principles of Macroeconomics	✓		✓	✓		✓	
ECN130	Principles of Microeconomics			✓	✓		✓	
FIN122	Personal Finance				✓		✓	
MGT101	Principles of Management	✓	✓	✓	✓		✓	
MGT110	Small Business Management				✓			
MKT110	Principles of Marketing				✓			
COM723	Workplace Communications		✓					
ENG105	Composition I	✓			✓	✓	✓	✓
ENG106	Composition II						✓	✓
MAT102	Intermediate Algebra	✓		✓	✓			
PSY112	Psychology of Human Relations		✓	✓	✓	✓	✓	
SDV179	The College Experience	✓	✓	✓	✓	✓	✓	✓
SPC112	Public Speaking	✓	✓	✓	✓	✓	✓	



Business & Hospitality

► nicc.edu/business

Length	Program	Award	Location	In-State Cost +	Out-Of-State Cost +
1 Year	Accounting Clerk	D	C, P, O	\$7,600	\$8,586
2 Years	Accounting Specialist	AAS	C, P, O	\$14,528	\$16,413
1 Year	Administrative Office Associate	D	O	\$8,284	\$9,357
2 Years	Administrative Office Management	AAS	O	\$14,100	\$15,927
2 Years	Agriculture Finance	AAS	O	\$16,116	\$18,204
2 Years	Applied Management	AAS	O	\$13,344	\$15,084
2 Years	Business Transfer Major	AA	C, P, O	\$13,416	\$15,156
1-2 Years	Business Administration	C, AAS	C, P, O	\$4,252-\$13,880	\$4,803-\$15,678
2 Months	Culinary Foundations	CPC	D	\$2,699	\$2,699
2 Months	Customer Service	CPC	D	\$1,199	\$1,199
1 Year	Data Analytics	C	O	\$2,016	\$2,277
2 Years	Finance	AAS	O	\$13,880	\$15,678
2 Years	Paralegal	AAS	O	\$15,236	\$17,208
2 Months	Professional Sales	CPC	D	\$1,499	\$1,499
1 Year	Sports Administration	C	O	\$2,016	\$2,277

LEGEND

Location: C • Calmar P • Peosta O • Online D • Dubuque

Award: AAS • Associate of Arts AAS • Associate of Applied Science C • Certificate D • Diploma CPC • Career Pathway Certificate

Digital Media & Design



Awareness:

PICC or Concurrent courses to learn about a variety of career opportunities in a pathway.



Exploration:

PICC or Concurrent courses to explore NICC program courses in a career pathway.




Early Admission:

Sequential PICC or Concurrent courses that go directly into a NICC program or result in a Career Pathway Certificate.



General Education:

PICC or Concurrent courses that students complete to fulfill core degree requirements.

 Courses marked with a check mark satisfy a program degree requirement. Connect with your high school counselor and NICC College and Career Coach to learn what course options are available to you.

Course Number	Course Name	Graphic Design	Marketing & Digital Media
BUS102	Intro to Business		☑
CSC116	Information Computing		☑
WBL110	Employability Skills		
GRA129	Illustrator	☑	☑
GRA139	Photoshop	☑	☑
GRA151	Web Design	☑	☑
GRA179	Publication Software	☑	
MKT110	Principles of Marketing	☑	☑
MKT131	Social Media Marketing		☑
ENG105	Composition I	☑	☑
MAT102	Intermediate Algebra	☑	☑
PSY112	Psychology of Human Relations	☑	☑
SDV179	The College Experience	☑	☑
SPC112	Public Speaking	☑	☑



Digital Media & Design

► nicc.edu/digitalmedia

Length	Program	Award	Location	In-State Cost +	Out-Of-State Cost +
1 Year	Digital Graphics	C	P	\$4,032	\$4,554
2 Years	Graphic Design	AAS	P	\$15,456	\$17,457
2 Years	Marketing & Digital Media	AAS	P	\$13,672	\$15,441

LEGEND

Location: C • Calmar P • Peosta O • Online D • Dubuque

Award: AAS • Associate of Arts AAS • Associate of Applied Science C • Certificate D • Diploma CPC • Career Pathway Certificate

Construction / Energy & Utilities



Awareness:

PICC or Concurrent courses to learn about a variety of career opportunities in a pathway.



Exploration:

PICC or Concurrent courses to explore NICC program courses in a career pathway.



Early Admission:

Sequential PICC or Concurrent courses that go directly into a NICC program or result in a Career Pathway Certificate.



General Education:

PICC or Concurrent courses that students complete to fulfill core degree requirements.

Courses marked with a check mark satisfy a program degree requirement. Connect with your high school counselor and NICC College and Career Coach to learn what course options are available to you.

Course Number	Course Name	Building Trades PEOSTA	Carpentry CALMAR	Commercial / Residential Electrician CALMAR	Construction Business Management CALMAR	Gas Utilities PEOSTA	Heating & Air Conditioning PEOSTA	Industrial Electrician CALMAR
WBL110	Employability Skills							
WEL330	Welding Fundamentals						✓	
CON111	Basic Drafting		✓		✓			
CON113	Construction Printreading	✓	✓	✓	✓			✓
CON388	Basic Construction Skills		✓	✓	✓			✓
CON397	Construction I		✓		✓			
CON398	Construction Lab I		✓					
CON100	Basic Carpentry		✓					
CON209	Introduction to Drywall		✓					
CON336	Care/Use of Hand/Power Tools		✓					
CON413	Building Trades I	✓						
CON369	Cabinet Installation		✓					
CON370	Interior Doors and Hardware		✓					
CON391	Construction II		✓		✓			
CON393	Construction III		✓		✓			
CON395	Construction Lab II		✓					
CON396	Construction Lab III		✓					
COM723	Workplace Communications	✓	✓	✓	✓	✓	✓	
MAT744	Technical Math			✓			✓	✓
MAT772	Applied Math	✓				✓		
MAT773	Applied Math II		✓		✓		✓	
SDV179	The College Experience	✓	✓	✓	✓	✓	✓	✓



Construction Technology

► nicc.edu/construction

Length	Program	Award	Location	In-State Cost +	Out-Of-State Cost +
3 Months	Building Construction	CPC	C, P	\$1,965	\$1,965
1 Year	Building Trades	D	P	\$8,016	\$9,060
1 Year	Carpentry	D	C	\$10,764	\$12,156
1 Year	Computer Aided Design (CAD) Specialist	C	P	\$2,248	\$2,538
1 Year	Construction Business Management	D	C	\$10,434	\$11,783
3 Months	Construction Equipment Operator	CPC	C, P	\$4,125	\$4,125
3 Months	Intro to Cabinet Making and Casework	CPC	D	\$1,399	\$1,399

Energy & Utilities

► nicc.edu/energyutilities

Length	Program	Award	Location	In-State Cost +	Out-Of-State Cost +
1 Year	Commercial-Residential Electrician	D	C	\$10,716	\$12,108
1 Year	Gas Utility Construction and Service	D	P	\$10,300	\$11,634
1 Year	Heating and Air Conditioning	D	P	\$10,752	\$12,144
2 Years	Industrial Electrician	AAS	C	\$16,300	\$18,417

LEGEND

Location: C • Calmar P • Peosta D • Dubuque

Award: AAS • Associate of Applied Science C • Certificate D • Diploma CPC • Career Pathway Certificate

Education / Human & Public Service



Awareness:

PICC or Concurrent courses to learn about a variety of career opportunities in a pathway.



Exploration:

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Early Admission:

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General Education:

PICC or Concurrent courses that students complete to fulfill core degree requirements.

 Courses marked with a check mark satisfy a program degree requirement. Connect with your high school counselor and NICC College and Career Coach to learn what course options are available to you.

Course Number	Course Name	Early Childhood Education	Early Childhood
WBL110	Employability Skills		
ECE103	Into to Early Childhood Education	✓	✓
ECE158	Early Childhood Curriculum I	✓	✓
ECE159	Early Childhood Curriculum II		✓
ECE170	Child Growth and Development		✓
ECE221	Infant/Toddler Care and Education	✓	✓
ECE243	Early Childhood Guidance	✓	✓
ECE290	Early Childhood Program Administration		✓
ECE343	Early Childhood Guidance Lab		✓
ECE359	Early Childhood Curriculum II Lab		✓
ECE921	Field Experience		✓
ECE133	Child Health, Safety and Nutrition	✓	✓
COM723	Workplace Communications		✓
SDV179	The College Experience		✓

Education

► nicc.edu/education

Length	Program	Award	Location	In-State Cost ⁺	Out-Of-State Cost ⁺
2 Years	Agriculture Education Transfer Major	AS	C	\$13,464	\$15,204
4-6 Months	Child Care Level 1	CPC	D	\$1,499	\$1,499
4-6 Months	Child Care Level 2	CPC	D	\$999	\$999
1 Year	Early Childhood	D	C, P	\$7,636	\$8,622
9 Months	Early Childhood Education	C	C, P	\$2,700	\$3,048
2 Years	Elementary Education Transfer Major	AA	C, P	\$13,440	\$15,180
2 Years	Secondary Education Transfer Major	AA	C, P	\$13,440	\$15,180

Human & Public Services

► nicc.edu/publicservice

Length	Program	Award	Location	In-State Cost ⁺	Out-Of-State Cost ⁺
2 Years	Criminal Justice	AAS	O	\$13,440	\$15,180
2 Years	Criminal Justice Transfer Major	AA	C, P, O	\$13,428	\$15,168
2 Years	Human & Family Services Transfer Major	AA	C, P	\$13,428	\$15,168
2 Years	Psychology Transfer Major	AA	C, P, O	\$13,440	\$15,180
2 Years	Social Work Transfer Major	AA	C, P	\$13,428	\$15,168
2 Years	Sociology Transfer Major	AA	C, P	\$13,440	\$15,180

LEGEND

Location: C • Calmar P • Peosta D • Dubuque O • Online

Award: AA • Associate of Arts AAS • Associate of Applied Science AS • Associate of Science C • Certificate
D • Diploma CPC • Career Pathway Certificate

Health Sciences



Awareness:

PICC or Concurrent courses to learn about a variety of career opportunities in a pathway.



Exploration:

PICC or Concurrent courses to explore NICC program courses in a career pathway.



Early Admission:

Sequential PICC or Concurrent courses that go directly into a NICC program or result in a Career Pathway Certificate.



General Education:

PICC or Concurrent courses that students complete to fulfill core degree requirements.

Courses marked with a check mark satisfy a program degree requirement. Connect with your high school counselor and NICC College and Career Coach to learn what course options are available to you.

Course Number	Course Name	Dental Assisting PEOSTA	Health Information Technology (HIT)	Medical Assistant PEOSTA	Nursing	Paramedic	Rad Tech PEOSTA	Respiratory Care PEOSTA
BIO168	Human Anatomy & Physiology I	✓	✓		✓	✓	✓	✓
BIO173	Human Anatomy & Physiology II	✓	✓		✓	✓	✓	✓
HSC110	Intro to Health Occupations							
HSC200	Healthcare Compliance							
WEL330	Employability Skills							
HSC114	Medical Terminology		✓	✓			✓	
MAP401	Medical Law & Ethics			✓				
MAP532	Human Body Health and Disease		✓	✓				
PNN200	Dosage Calculations I				✓			
PNN270	Intro to Nutrition				✓			
EMS200	Emergency Medical Technician					✓		
HSC172	Nurse Aide (CNA)				✓			
BIO186	Microbiology				✓			✓
COM723	Workplace Communications	✓		✓				
ENG105	Composition I		✓		✓	✓		✓
ENG106	Composition II				✓	✓		
HUM108	Cultural Diversity and Identity		✓				✓	
MAT110	Math for Liberal Arts					✓	✓	✓
PSY111	Introduction to Psychology	✓			✓	✓	✓	✓
SDV179	The College Experience	✓	✓	✓	✓	✓	✓	✓
SOC110	Introduction to Sociology				✓	✓		
SPC112	Public Speaking					✓	✓	



Healthcare

► nicc.edu/healthsciences

Length	Program	Award	Location	In-State Cost ⁺	Out-Of-State Cost ⁺
2 Years	Biology Transfer Major	AS	C, P	\$13,452	\$15,192
1-2 Months	Certified Nurse Aide (CNA)	CPC	C, P, D, CC, MC, OC, WC	\$675	\$675
1 Year	Dental Assisting	D	P	\$10,147	\$11,459
1-2 Months	Direct Support Professional	CPC	O	\$750	\$750
4 Months	Emergency Medical Technician (EMT)	CPC	C, P	\$1,279	\$1,279
2 Years	Exercise Science & Kinesiology Transfer Major	AA	C, P	\$13,416	\$15,156
2 Years	Health Information Technology (HIT)	AAS	O	\$15,260	\$17,232
1 Year	Medical Assistant	D	P	\$8,980	\$10,140
2 Years	Medical Laboratory Technician <i>in cooperation with Hawkeye Community College</i>	AAS	C, P	\$7,596	\$8,553
2 Years	Nursing - Associate Degree	AAS	C, P	\$15,896	\$17,955
1 Year	Nursing - Practical	D	C, P	\$9,561	\$10,801
1 or 2 Years	Paramedic	D, AAS	P	\$9,960-\$13,320	\$11,265-\$15,060
6 Months	Pharmacy Technician	CPC	O	\$1,495	\$1,495
4-6 Months	Phlebotomy Technician	CPC	CC, D	\$1,695	\$1,695
2 Years	Radiologic Technology	AAS	P	\$16,702	\$18,863
2 Years	Respiratory Care	AAS	P	\$17,278	\$19,526
2 Years	Surgical Technology <i>in cooperation with Kirkwood Community College</i>	AAS	P	\$5,240	\$5,907

LEGEND

Location: C • Calmar P • Peosta O • Online

CC • Cresco Center D • Dubuque MC • Manchester Center OC • Oelwein Center WC • Waukon Center

Award: AA • Associate of Arts AAS • Associate of Applied Science AS • Associate of Science C • Certificate

D • Diploma CPC • Career Pathway Certificate

Information Technology



Awareness:

PICC or Concurrent courses to learn about a variety of career opportunities in a pathway.



Exploration:

PICC or Concurrent courses to explore NICC program courses in a career pathway.




Early Admission:

Sequential PICC or Concurrent courses that go directly into a NICC program or result in a Career Pathway Certificate.



General Education:

PICC or Concurrent courses that students complete to fulfill core degree requirements.

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Course Number	Course Name	Business & Web Programming PEOSTA	Computer Science & Security CALMAR	Networking Administration & Tech Support PEOSTA
CIS450	PLTW - Computer Science Principles	✓	✓	✓
WBL110	Employability Skills			
CIS101	Computer Ethics	✓		✓
CIS122	Programming Logic and Design	✓		✓
CIS125	Intro to Programming Logic with Language		✓=	
CIS142	Computer Science	✓	✓	
CIS161	C++	✓		
CIS197	Fundamentals of Web Design	✓	✓	✓
ELT310	Digital Circuits		✓	
ELT317	Digital Logic Circuits		✓	
NET103	Troubleshooting	✓		✓
NET266	CCNA Routing and Switching: Intro to Networks	✓	✓	✓
NET272	Switching, Routing and Wireless Essentials (SRWE)		✓	✓
NET355	Into to Cybersecurity		✓	
NET356	Cybersecurity Essentials		✓	
NET453	UNIX		✓	
ENG105	Composition I	✓	✓	✓
MAT102	Intermediate Algebra	✓		✓
MAT156	Statistics		✓	
PSY111	Introduction to Psychology	✓	✓	✓
SDV179	The College Experience	✓	✓	✓
SPC112	Public Speaking	✓	✓	✓



Information Technology

► nicc.edu/informationtech

Length	Program	Award	Location	In-State Cost ⁺	Out-Of-State Cost ⁺
2 Years	Business & Web Programming	AAS	P	\$15,676	\$17,706
2 Years	Computer Science & Security	AAS	C	\$16,116	\$18,204
2 Years	Networking Administration & Tech Support	AAS	P	\$15,456	\$17,457
4-6 Months	Web Application Bootcamp: Front End Design	CPC	D	\$799	\$799
4-6 Months	Web Application Bootcamp: Back End Design	CPC	D	\$799	\$799

LEGEND

Location: C • Calmar P • Peosta D • Dubuque

Award: AAS • Associate of Applied Science CPC • Career Pathway Certificate

Power Mechanics & Transportation



Awareness:

PICC or Concurrent courses to learn about a variety of career opportunities in a pathway.



Exploration:

PICC or Concurrent courses to explore NICC program courses in a career pathway.



Early Admission:

Sequential PICC or Concurrent courses that go directly into a NICC program or result in a Career Pathway Certificate.



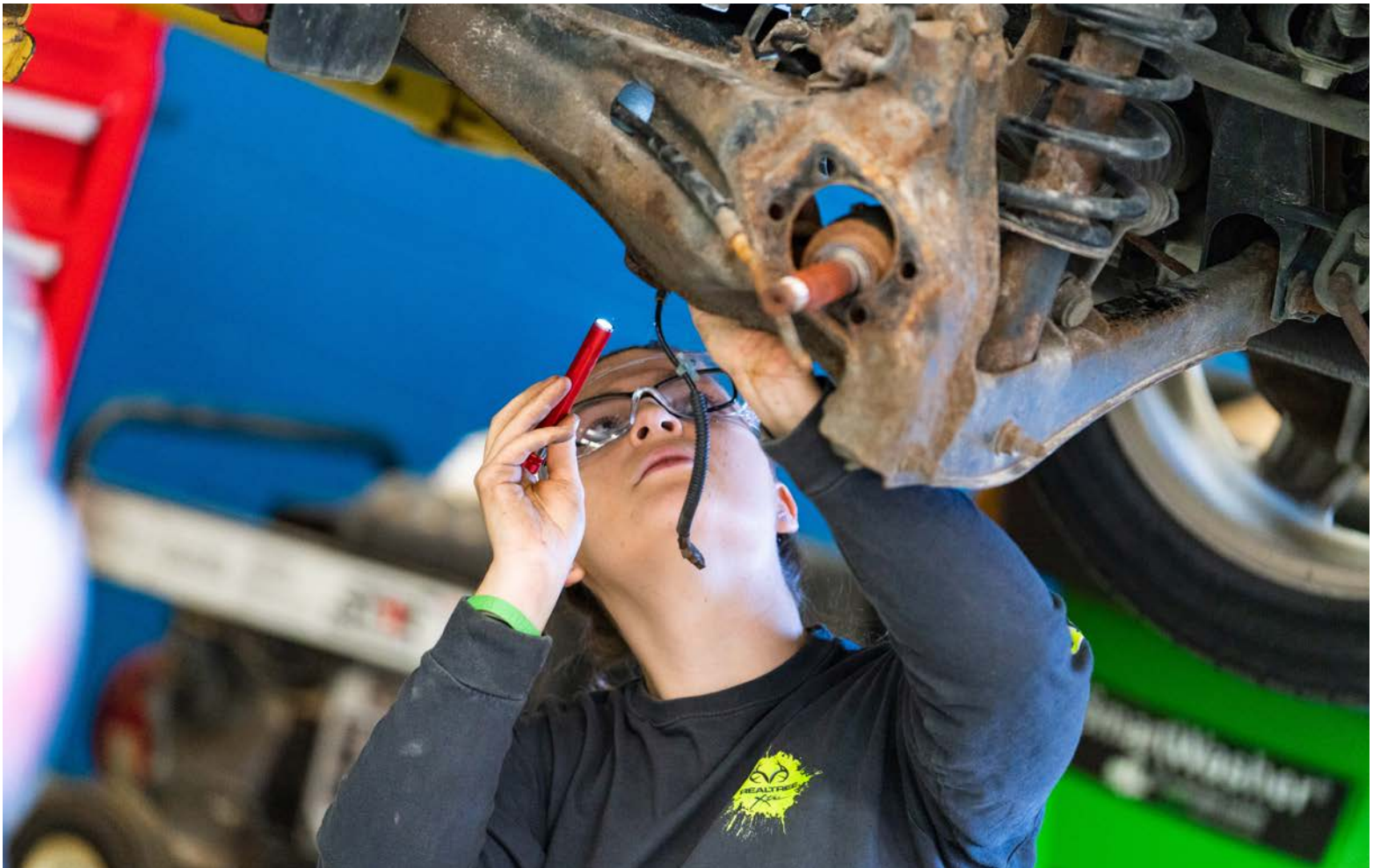
General Education:

PICC or Concurrent courses that students complete to fulfill core degree requirements.



Courses marked with a check mark satisfy a program degree requirement. Connect with your high school counselor and NICC College and Career Coach to learn what course options are available to you.

Course Number	Course Name	Auto Mechanics PEOSTA	Auto Technology CALMAR	Diesel Mechanics PEOSTA	John Deere TECH CALMAR
WBL110	Employability Skills				
WEL330	Welding Fundamentals	✓		✓	
AUT102	Intro to Automotive Tech	✓			
AUT191	Automotive Metal Repair/Hybrid Vehicles		✓		
AUT192	Hybrid, Electric and Alternative Fuel Vehicles		✓		
AUT321	Automotive Transmissions			✓	
AUT404	Automotive Suspension and Steering	✓			
AUT405	Automotive Suspension and Steering		✓		
AUT503	Automotive Brake Systems	✓			
AUT505	Automotive Brake Systems		✓		
AUT627	Automotive Electrical Systems		✓		
AUT706	Automotive Heating and Air Conditioning		✓		
DSL353	Diesel Engine Principles			✓	
DSL533	Drive Trains			✓	
DSL632	Brakes - Diesel			✓	
COM723	Workplace Communications	✓	✓	✓	✓
MAT772	Applied Math	✓		✓	
MAT773	Applied Math II		✓		✓
PSY112	Psychology of Human Relations		✓		✓
SDV179	The College Experience	✓	✓	✓	✓



Power Mechanics & Transportation

► nicc.edu/powermechanics

Length	Program	Award	Location	In-State Cost +	Out-Of-State Cost +
One Year	Automotive Mechanics	D	P	\$10,716	\$12,108
Two Years	Automotive Technology	AAS	C	\$17,156	\$19,389
One Year	Diesel Mechanics	D	P	\$10,520	\$11,883
Two Years	John Deere TECH	AAS	C	\$17,632	\$19,923
One Month	Semi-Truck Driving	CPC	P, OC, WC	\$4,995	\$4,995

LEGEND

Location: C • Calmar P • Peosta OC • Oelwein Center WC • Waukon Center

Award: AAS • Associate of Applied Science C • Certificate D • Diploma CPC • Career Pathway Certificate

Advantages:

- ✔ One-on-one meetings with a career coach regarding future education and career plans
- ✔ Job shadowing opportunities
- ✔ Exclusive work-based learning events

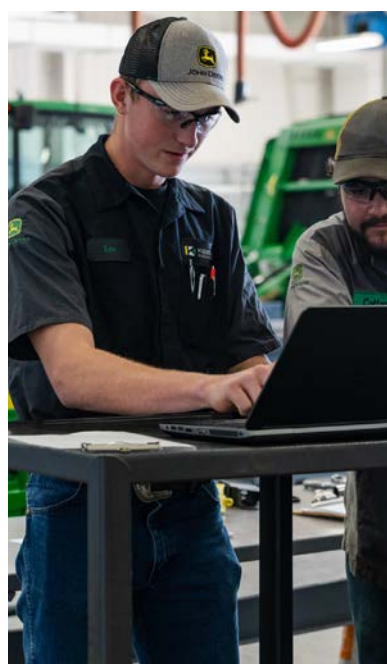
College & Career Connection

About

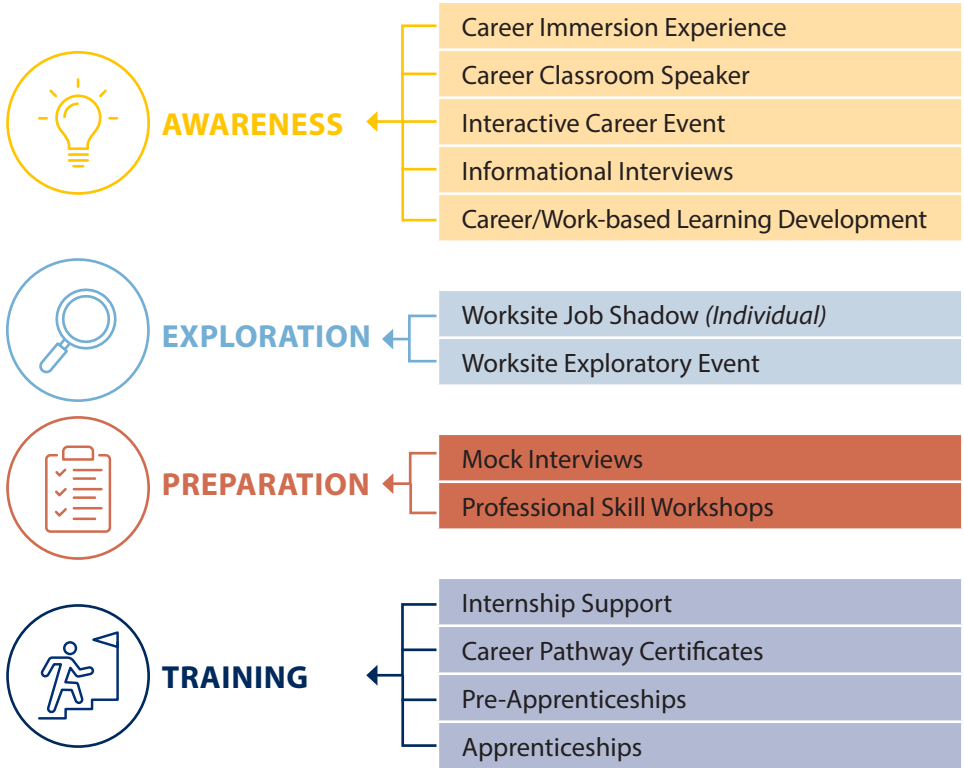
College and Career Connection (CCC) connects businesses and high schools by offering relevant, work-based learning activities for students and educators.

CCC is available to high school students, at no cost, and guides participants through work-based learning experiences following a career continuum of awareness, exploration and workplace preparation.

Connect with the coach assigned to your school for assistance with academic/concurrent course advising, college planning, financial awareness and scholarship opportunities (*find your coach using the QR code*).



Work-based Learning Continuum



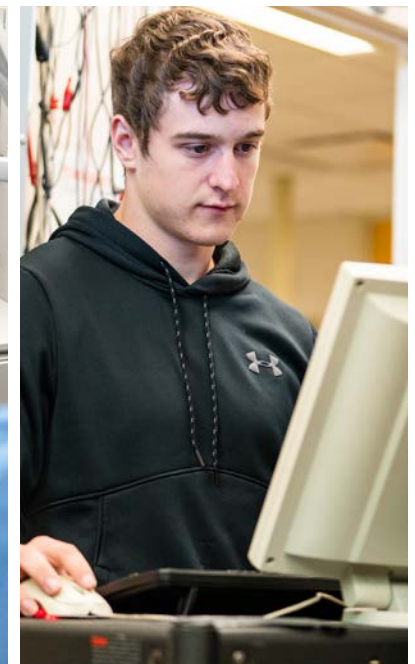
Partnerships

CCC partners with a variety of entities to ensure students have a wide range of opportunities to assist them in planning for their futures. Partners include: local northeast Iowa school districts, business and industry, Keystone AEA, Iowa Workforce Development, local chambers of commerce, local economic development and numerous community organizations.

Learn More.



nicc.edu/ccc



CALMAR CAMPUS

1625 Hwy. 150 S.
Calmar, IA 52132

PEOSTA CAMPUS

8342 NICC Drive
Peosta, IA 52068



844.642.2338

▶ nicc.edu/hspartnerships

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It is the policy of Northeast Iowa Community College not to discriminate on the basis of race, color, national origin, sex, disability, age (employment), sexual orientation, gender identity, creed, religion, and actual or potential parental, family or marital status in its programs, activities, or employment practices as required by federal and state civil rights regulations. If you have questions, concerns or to read the full policy www.nicc.edu/nondiscrimination.

Northeast Iowa Community College is accredited by the Higher Learning Commission (HLC).

All information is accurate at time of printing and may be subject to change. Please inquire with the College for the most up-to-date information.

* Reflects the estimated tuition and student fees based on rates at the time of publication and are subject to change. Rates don't include additional expenses related to your education (textbooks, tools, supplies, living expenses, licensures, remedial or pre-requisite coursework or partnership tuition and fees, etc.)