



**INDIANHILLS**  
COMMUNITY COLLEGE

*Life. Changing.*



**2026-2027**

**ACADEMY COURSE GUIDE**

**INDIAN HILLS COMMUNITY COLLEGE**

# WHY SHOULD YOU TAKE CONCURRENT CREDIT COURSES WHILE IN HIGH SCHOOL?

**EARN BOTH  
HIGH SCHOOL AND  
COLLEGE CREDIT!**  
*(at the same time)*

**RECEIVE  
HANDS-ON  
INSTRUCTION!**

**GET A  
HEAD START  
ON A COLLEGE  
EDUCATION!**

**TAKE  
COLLEGE COURSES  
AT NO COST  
TO YOU!**

*And, check out  
this deal!*

**TAKE INDIAN HILLS CLASSES WHILE IN HIGH SCHOOL AND  
YOU'LL QUALIFY FOR A \$1,000 SCHOLARSHIP TO INDIAN HILLS.**

## AT A GLANCE

**1,899**

total number of concurrent  
enrollment students

**69** students graduated with  
a high school diploma

**15** students graduated  
with an AA degree

**\$2,449**

average amount saved  
per student

**\$4,652,340**

total tuition saved by  
regional high school students

This scholarship is available to Indian Hills Community College concurrent enrollment students who wish to continue their academic studies at IHCC. This \$1,000 award is applicable towards tuition, books, and fees and will be divided evenly between the student's first three terms.

This is a one-time, non-renewable, non-transferable scholarship. Other Foundation scholarships and club scholarships can be awarded to students in conjunction with the Connect 2 College scholarship.

### QUALIFICATIONS:

- Graduated from a high school and attending IHCC for the first time
- An overall minimum GPA of 2.0 in IHCC concurrent enrollment courses
- Maintain 2.0 cumulative GPA while enrolled with IHCC
- Students must complete the application for scholarship
- *Candidates are also encouraged to complete the FAFSA, however, are not required to do so.*

Candidates receiving this scholarship must be enrolled in a minimum of 6 credit hours per term at IHCC.

**WHAT'S EVEN BETTER IS THAT YOU MAY ALSO QUALIFY FOR ADDITIONAL  
INDIAN HILLS SCHOLARSHIPS AS WELL AS FINANCIAL AID.**



# 2026-2027 HEALTH SCIENCES HIGH SCHOOL OFFERINGS

## HEALTH SCIENCES EDUCATION

Course #	Course Name	SH	Term Offered	Start Date	End Date	Days/Week	Start Time	End Time	Location
HSC 201	Health Care Exploration	2	Fall	8/31/2026	11/18/2026	MW	8:30 A.M.	9:40 A.M.	IHCC
HSC 113	Medical Terminology	2	Winter Spring	11/19/2026 2/24/2027	2/23/2027 5/20/2027	Hybrid-M online	8:00 A.M. online	9:10 A.M. online	IHCC online
HSC 226	Health Society & Aging	3	Fall	8/31/2026	11/18/2026	online	online	online	online
HSC 141	Pharmaceutical Applications	1	Fall Winter	8/31/2026 11/19/2026	11/18/2026 2/23/2027	online online	online online	online online	online online
HSC 212	Pathophysiology	3	Winter Spring	11/19/2026 2/24/2027	2/23/2027 5/20/2027	online online	online online	online online	online online

## HEALTH SCIENCES EDUCATION - PROGRAM SPECIFIC

Course #	Course Name	SH	Term Offered	Start Date	End Date	Days/Week	Start Time	End Time	Location
<b>Physical Therapist Assistant</b>									
PTA treat abnormal physical function and pain from sports injury, chronic disability, trauma, or age-related health conditions.									
PTA 101	Introduction to Physical Therapist Assistant	2	Fall	8/31/2026	11/18/2026	T	8:30 A.M.	9:40 A.M.	IHCC
<b>Occupational Therapy Assistant</b>									
OTA use a holistic approach to help people of all ages regain function after disability, illness or accident through activities of daily living and meaningful tasks.									
OTA 106	Trends in OTA	3	Fall	8/31/2026	11/18/2026	online	online	online	online



# ALBIA AREA CAREER ACADEMY

## AUTOMOTIVE TECHNOLOGY/DIESEL POWER TECHNOLOGY ACADEMY

Don't sit at a desk when you could be driving, racing, fixing, rebuilding, restoring, aligning, and recharging! Within the Automotive Technology portion of this Academy you will learn engine repair, automatic transmission/transaxle, brakes, electrical, and more!

The Diesel Power portion of this Academy, you will acquire skills from hands-on training in a variety of mechanical, electrical, and computer systems necessary to diagnose, repair, and maintain agricultural equipment, trucks, locomotive engines, and other types of heavy construction equipment. You will study diesel engines, transmissions, hydraulics, and so much more!

### YEAR ONE

#### FALL

AUT 114	Shop Fundamentals & Minor Service	4
AUT 701	Basic Automotive Air Conditioning	1
CRR 310	Adapters, Tools & Measurement	1

#### WINTER

AUT 131	Auto Preventative Maintenance	2
AUT 502	Automotive Brake Systems	2

#### SPRING

AUT 290	NVH & Aftermarket	2
AUT 702	Automotive Heating & Air Conditioning	2

## WELDING TECHNOLOGY ACADEMY

Welding is considered to be the principal means of fabricating and repairing all metal products. It is difficult to imagine an industry today, large or small, which does not involve some type of welding. Skilled welders often work independently and can utilize their skills anywhere in the world. Students work on projects in the lab learning to perform all types of welding processes such as GMAW, GTAW, SMAW, and Oxy-Acetylene. In this Academy, if you successfully complete both years of your coursework, you will RECEIVE your welding diploma!

### YEAR ONE

#### FALL

WEL 201	Procedures and Qualifications	1
WEL 228	Introduction to Welding, Safety & Health	1
WEL 254	Welding Inspection and Testing Principles	1
WEL 274	Shielded Metal Arc Welding I	3

#### WINTER

WEL 233	Print Reading and Welding Symbol Interp.	3
WEL 251	Gas Tungsten Arc Welding for Carbon Steel	2
WEL 262	Thermal Cutting Process I	2

#### SPRING

WEL 244	Gas Metal Arc Welding Short Circuit Transfer	2
WEL 245	Gas Metal Arc Welding Spray Transfer	2
XXX XXX	Approved General Education Course*	3

### YEAR TWO

#### FALL

WEL 182	FCAW	2
WEL 275	Shielded Metal Arc Welding II	3

#### WINTER

WEL 174	Advanced Welding Procedures II	3
WEL 200	Metallurgy Fundamentals	2
WEL 253	Gas Tungsten Arc Welding for Austenitic Stainless Steel	1

#### SPRING

COM 777	Verbal & Written Workplace Communication	2
WEL 211	Production Welding Procedures	4

\*Refer to [General Education Course Requirements \(A.A.S.\)](#) for approved courses.

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# CARDINAL AREA WELDING ACADEMY

## WELDING TECHNOLOGY ACADEMY

Welding is considered to be the principal means of fabricating and repairing all metal products. It is difficult to imagine an industry today, large or small, which does not involve some type of welding. Skilled welders often work independently and can utilize their skills anywhere in the world. Students work on projects in the lab learning to perform all types of welding processes such as GMAW, GTAW, SMAW, and Oxy-Acetylene. In this Academy, if you successfully complete both years of your coursework, you will RECEIVE your welding diploma!

### YEAR ONE

#### FALL

WEL 201	Procedures & Qualifications	1
WEL 228	Intro to Welding Safety & Health of Welders	1
WEL 254	Welding Inspection & Testing Principles	1
WEL 274	Shielded Metal Arc Welding	3

#### WINTER

WEL 233	Print Reading & Welding Symbol Interp.	3
WEL 251	Gas Tungsten Arc Welding Symbol Interp.	2
WEL 262	Thermal Cutting Processes I	2

#### SPRING

XXX XXX	Approved General Education Course*	3
WEL 244	Gas Metal Arc Welding Short Circuit Transfer	2
WEL 245	Gas Metal Arc Welding Spray Transfer	2

### YEAR TWO

#### FALL

WEL 182	FCAW	2
WEL 275	Shielded Metal Arc Welding II	3

#### WINTER

WEL 174	Advanced Welding Procedures II	3
WEL 200	Metallurgy Fundamentals	2
WEL 253	Gas Tungsten Arc Welding for Austenitic Stainless Steel	1

#### SPRING

COM 777	Verbal & Written Workplace Communication	2
WEL 211	Production Welding Procedures	4

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# CHARITON VALLEY CAREER ACADEMY

## CONSTRUCTION TECHNOLOGY ACADEMY

Like to build things, don't want a boring desk job? We didn't think so! Take the construction industry by storm, and build yourself a solid future with our hands-on Construction Technology Academy! You'll learn how to plan, organize, solve problems, and communicate well with others while on the work site. This curriculum will prepare you to finish your degree at IHCC and have a career in residential, commercial, industrial, or public works construction.

**After successfully completing the 2 year Academy, students will only need an additional 6 hours in Construction LAB to complete the Construction Diploma. That 6 hour lab can be taken over the summer, for free, if you are currently in high school or as a traditional college student the summer after you graduate from high school.**

YEAR ONE				YEAR TWO			
<b>FALL</b>				<b>FALL</b>			
CON 276	Construction Technology 1	3		CON 453	Construction Lab IIB	3	
CON 450	Construction Lab 1A	3		CSC 105	Computer Essentials	1	
MAT 762	Technical Math for Industry	2					
<b>WINTER</b>				<b>WINTER</b>			
CON 277	Construction Technology 2	3		CON 454	Construction Lab IIIA	3	
CON 451	Construction Lab IB	3					
<b>SPRING</b>				<b>SPRING</b>			
CON 278	Construction Technology 3	3		CON 455	Construction Lab IIIB	3	
CON 452	Construction Lab IIA	3		ENG 105	Composition I <b>OR</b> Technical Writing (ENG 111)	3	

## HEALTH CAREERS ACADEMY

Want to help people for a living but don't know where to start? Are you looking for a one-of-a-kind experience? Ready to advance your skills? The path to your future starts at IHCC! Upon successful completion of this 1 year Academy, students will have the opportunity to accrue 17 credits towards one of IHCC's 17 Health Science Programs. Note: Students are required to have a cumulative high school 2.0 GPA for admissions into this academy.

YEAR ONE			
<b>FALL</b>			
HSC 163	Nutrition	3	
HSC 201	Health Care Exploration	2	
<b>WINTER</b>			
HSC 226	Health, Society & Aging	3	
PSY 111	Introduction to Psychology	3	
<b>SPRING</b>			
PNN 147	Nursing Essentials I	3	



# FAIRFIELD AREA CAREER ACADEMY

## HEALTH CAREERS ACADEMY

Want to help people for a living but don't know where to start? Are you looking for a one-of-a-kind experience? Ready to advance your skills? The path to your future starts at IHCC! Upon successful completion of this 2 year Academy, students will have the opportunity to accrue over 30 credits towards one of IHCC's 17 Health Science Programs. Note: Students are required to have a cumulative high school 2.0 GPA for admissions into this academy.

YEAR ONE		
FALL		
HSC 113	Medical Terminology	2
HSC 201	Health Care Exploration	2
WINTER		
HSC 226	Health, Society & Aging	3
PSY 111	Introduction to Psychology	3
SPRING		
PNN 147	Nursing Essentials I	3

YEAR TWO		
FALL		
HSC 141	Pharmaceutical Applications	1
HSC 212	Pathophysiology	3
WINTER		
BIO 175	Human Anatomy	3
BIO 176	Human Anatomy Lab	1
PNN 149	Advanced CNA	3
SPRING		
BIO 101	Introduction to Biology	3
COM 777	Verbal & Written Workplace Communication	2



# KEOKUK COUNTY CAREER ACADEMY

## AGRICULTURE CLASSES

Agriculture classes will be offered as Concurrent Enrollment through Sigourney High School.

## HEALTH CAREERS ACADEMY

Want to help people for a living but don't know where to start? Are you looking for a one-of-a-kind experience? Ready to advance your skills? The path to your future starts at IHCC! Upon successful completion of this 2 year Academy, students will have the opportunity to accrue over 30 credits towards one of IHCC's 17 Health Science Programs. Note: Students are required to have a cumulative high school 2.0 GPA for admissions into this academy.

YEAR ONE				YEAR TWO			
<b>FALL</b>				<b>FALL</b>			
HSC 113	Medical Terminology	2		HSC 141	Pharmaceutical Applications	1	
PSY 111	Introduction to Psychology	3		HSC 212	Pathophysiology	3	
<b>WINTER</b>				<b>WINTER</b>			
HSC 201	Health Care Exploration	2		BIO 101	Introduction to Biology	2	
HSC 226	Health Society & Aging	3		PNN 149	Advanced CNA	3	
<b>SPRING</b>				<b>SPRING</b>			
PNN 147	Nursing Essentials I	3		BIO 175	Human Anatomy	3	
				BIO 176	Human Anatomy Lab	1	
				COM 777	Written & Verbal Workplace Communication	2	

## WELDING TECHNOLOGY ACADEMY

Welding is considered to be the principal means of fabricating and repairing all metal products. It is difficult to imagine an industry today, large or small, which does not involve some type of welding. Skilled welders often work independently and can utilize their skills anywhere in the world. Students work on projects in the lab learning to perform all types of welding processes such as GMAW, GTAW, SMAW, and Oxy-Acetylene. In this Academy, if you successfully complete both years of your coursework, you will RECEIVE your welding diploma!

YEAR ONE				YEAR TWO			
<b>FALL</b>				<b>FALL</b>			
WEL 201	Procedures & Qualifications	1		WEL 182	FCAW	2	
WEL 228	Intro to Welding Safety & Health of Welders	1		WEL 275	Shielded Metal Arc Welding II	3	
WEL 254	Welding Inspection & Testing Principles	1					
WEL 274	Shielded Metal Arc Welding	3					
<b>WINTER</b>				<b>WINTER</b>			
WEL 233	Print Reading & Welding Symbol Interp.	3		WEL 174	Advanced Welding Procedures II	3	
WEL 251	Gas Tungsten Arc Welding Symbol Interp.	2		WEL 200	Metallurgy Fundamentals	2	
WEL 262	Thermal Cutting Processes I	2		WEL 253	Gas Tungsten Arc Welding for Austenitic Stainless Steel	1	
<b>SPRING</b>				<b>SPRING</b>			
XXX XXX	Approved General Education Course*	3		COM 777	Verbal & Written Workplace Communication	2	
WEL 244	Gas Metal Arc Welding Short Circuit Transfer	2		WEL 211	Production Welding Procedures	4	
WEL 245	Gas Metal Arc Welding Spray Transfer	2					

\*Refer to [General Education Course Requirements \(A.A.S.\)](#) for approved courses.



# MAHASKA COUNTY CAREER & WELDING ACADEMY

## HEALTH CAREERS ACADEMY

Want to help people for a living but don't know where to start? Are you looking for a one-of-a-kind experience? Ready to advance your skills? The path to your future starts at IHCC! Upon successful completion of this 2 year Academy, students will have the opportunity to accrue over 30 credits towards one of IHCC's 17 Health Science Programs. Note: Students are required to have a cumulative high school 2.0 GPA for admissions into this academy.

YEAR ONE				YEAR TWO			
<b>FALL</b>				<b>FALL</b>			
HSC 113	Medical Terminology	2	HSC 141	Pharmaceutical Applications	1		
PSY 111	Introduction to Psychology	3	HSC 212	Pathophysiology	3		
<b>WINTER</b>				<b>WINTER</b>			
HSC 201	Health Care Exploration	2	BIO 101	Introduction to Biology	3		
HSC 226	Health, Society & Aging	3	PNN 149	Advanced CNA	3		
<b>SPRING</b>				<b>SPRING</b>			
PNN 147	Nursing Essentials I	3	BIO 175	Human Anatomy	3		
			BIO 176	Human Anatomy Lab	1		
			COM 777	Verbal & Written Workplace Communication	2		

## WELDING TECHNOLOGY ACADEMY

Welding is considered to be the principal means of fabricating and repairing all metal products. It is difficult to imagine an industry today, large or small, which does not involve some type of welding. Skilled welders often work independently and can utilize their skills anywhere in the world. Students work on projects in the lab learning to perform all types of welding processes such as GMAW, GTAW, SMAW, and Oxy-Acetylene. In this Academy, if you successfully complete both years of your coursework, you will RECEIVE your welding diploma!

YEAR ONE				YEAR TWO			
<b>FALL</b>				<b>FALL</b>			
WEL 201	Procedures & Qualifications	1	WEL 182	FCAW	2		
WEL 228	Intro to Welding Safety & Health of Welders	1	WEL 275	Shielded Metal Arc Welding II	3		
WEL 254	Welding Inspection & Testing Principles	1					
WEL 274	Shielded Metal Arc Welding	3					
<b>WINTER</b>				<b>WINTER</b>			
WEL 233	Print Reading & Welding Symbol Interpretation	3	WEL 174	Advanced Welding Procedures II	3		
WEL 251	Gas Tungsten Arc Welding for Carbon Steel	2	WEL 200	Metallurgy Fundamentals	2		
WEL 262	Thermal Cutting Processes I	2	WEL 253	Gas Tungsten Arc Welding for Austenitic Stainless Steel	1		
<b>SPRING</b>				<b>SPRING</b>			
XXX XXX	Approved General Education Course*	3	COM 777	Verbal & Written Workplace Communication	2		
WEL 244	Gas Metal Arc Welding Short Circuit Transfer	2	WEL 211	Production Welding Procedures	4		
WEL 245	Gas Metal Arc Welding Spray Transfer	2					

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# OTTUMWA HIGH SCHOOL CONSTRUCTION PROGRAMS

## CONSTRUCTION TECHNOLOGY ACADEMY

Like to build things, don't want a boring desk job? We didn't think so! Take the construction industry by storm, and build yourself a solid future with our hands-on Construction Technology Academy! You'll learn how to plan, organize, solve problems, and communicate well with others while on the work site. This curriculum will prepare you to finish your degree at IHCC and have a career in residential, commercial, industrial, or public works construction.

**After successfully completing the 2 year Academy, students will only need an additional 6 hours in Construction LAB to complete the Construction Diploma. That 6 hour lab can be taken over the summer, for free, if you are currently in high school or as a traditional college student the summer after you graduate from high school.**

YEAR ONE				YEAR TWO			
<b>FALL</b>				<b>FALL</b>			
CON 276	Construction Technology 1	3		CON 453	Construction Lab IIB	3	
CON 450	Construction Lab IA	3		CSC 105	Computer Essentials	1	
MAT 762	Technical Math for Industry	2					
<b>WINTER</b>				<b>WINTER</b>			
CON 277	Construction Technology 2	3		CON 454	Construction Lab IIIA	3	
CON 451	Construction Lab IB	3					
<b>SPRING</b>				<b>SPRING</b>			
CON 278	Construction Technology 3	3		CON 455	Construction Lab IIIB	3	
CON 452	Construction Lab IIA	3		ENG 111	Technical Writing <b>OR</b> Composition I (ENG 105)	3	



# RATHBUN AREA CAREER ACADEMY

## AGRICULTURE ACADEMY

Get some dirt under your fingernails. This Academy is about getting to know the many opportunities in Agriculture. Let's make it happen! Dig deep into a possible career within the Agricultural Sciences including Animal Science, Landscape and Turfgrass, and Precision Agriculture.

### AFTERNOON COHORT

#### FALL

AGA 154	Fundamentals of Soil Science	3
AGS 113	Survey of the Animal Industry	3

#### WINTER

AGM 110	Ag Machine Safety & Operation	3
AGN 120	Wildlife and Agriculture	3

#### SPRING

AGA 114	Principles of Agronomy	3
AGS 216	Equine Science	3

### MORNING COHORT

#### FALL

AGH 221	Principles of Horticulture	3
AGS 319	Animal Nutrition	3

#### WINTER

AGA 450	Issues in Sustainable Ag	3
AGP 450	Fundamentals of GIS	3

#### SPRING

AGB 235	Intro to Ag Markets	3
AGP 333	Precision Farming Systems	3

## CONSTRUCTION TECHNOLOGY ACADEMY

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### YEAR ONE

#### FALL

CON 276	Construction Technology 1	3
CON 450	Construction Lab 1A	3
MAT 762	Technical Math for Industry	2

#### WINTER

CON 277	Construction Technology 2	3
CON 451	Construction Lab 1B	3

#### SPRING

CON 278	Construction Technology 3	3
CON 452	Construction Lab 1A	3

### YEAR TWO

#### FALL

CON 453	Construction Lab IIB	3
CSC 105	Computer Essentials	1

#### WINTER

CON 454	Construction Lab IIIA	3
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#### SPRING

CON 455	Construction Lab IIIB	3
ENG 105	Composition I <b>OR</b> Technical Writing (ENG 111)	3



## RATHBUN AREA CAREER ACADEMY (CONTINUED)

### HEALTH CAREERS ACADEMY

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YEAR ONE			YEAR TWO		
<b>FALL</b>			<b>FALL</b>		
HSC 113	Medical Terminology	2	HSC 141	Pharmaceutical Applications	1
HSC 201	Health Care Exploration	2	BIO 101	Introduction to Biology	3
<b>WINTER</b>			<b>WINTER</b>		
HSC 226	Health, Society & Aging	3	BIO 175	Human Anatomy	3
PSY 111	Intro to Psychology	3	BIO 176	Human Anatomy Lab	1
			PNN 149	Advanced CNA	3
<b>SPRING</b>			<b>SPRING</b>		
PNN 147	Nursing Essentials I	3	COM 777	Verbal & Written Workplace Communication	2
			HSC 212	Pathophysiology	3

### INDUSTRIAL MAINTENANCE ACADEMY

Maintaining equipment is one of the most important jobs at a company! Get ready to get your hands-on experience and learn how to figure out issues and fix machines that use electricity, hydraulics, pneumatics, and computer-controlled motor circuits.

YEAR ONE			YEAR TWO		
<b>FALL</b>			<b>FALL</b>		
ELT 151	Industrial Electricity	3	IND 109	Equipment Safety & Operation	3
MAT 772	Applied Math	3	IND 134	Print Reading	2
<b>WINTER</b>			<b>WINTER</b>		
ELE 196	Motor Control Principles	4	COM 777	Written & Verbal Workplace Communication	2
			ELT 225	Introduction to PLC's	4
<b>SPRING</b>			<b>SPRING</b>		
IND 204	Fluid Power I	4	CSC 110	Introduction to Computer	3
			IND 200	Mechanical Drives I	2

**AWARD: INDUSTRIAL MAINTENANCE DIPLOMA**



## RATHBUN AREA CAREER ACADEMY (CONTINUED)

### WELDING TECHNOLOGY ACADEMY

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#### YEAR ONE

##### FALL

WEL 201	Procedures & Qualifications	1
WEL 228	Intro to Welding Safety & Health of Welders	1
WEL 254	Welding Inspection & Testing Principles	1
WEL 274	Shielded Metal Arc Welding	3

##### WINTER

WEL 233	Print Reading & Welding Symbol Interpretation	3
WEL 251	Gas Tungsten Arc Welding for Carbon Steel	2
WEL 262	Thermal Cutting Processes I	2

##### SPRING

XXX XXX	Approved General Education Course*	3
WEL 244	Gas Metal Arc Welding Short Circuit Transfer	2
WEL 245	Gas Metal Arc Welding Spray Transfer	2

#### YEAR TWO

##### FALL

WEL 182	FCAW	2
WEL 275	Shielded Metal Arc Welding II	3

##### WINTER

WEL 174	Advanced Welding Procedures II	3
WEL 200	Metallurgy Fundamentals	2
WEL 253	Gas Tungsten Arc Welding for Austenitic Stainless Steel	1

##### SPRING

COM 777	Verbal & Written Workplace Communication	2
WEL 211	Production Welding Procedures	4

\*Refer to [General Education Course Requirements \(A.A.S.\)](#) for approved courses.

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# VAN BUREN COUNTY HIGH SCHOOL CONSTRUCTION PROGRAMS

## CONSTRUCTION TECHNOLOGY ACADEMY

Like to build things, don't want a boring desk job? We didn't think so! Take the construction industry by storm, and build yourself a solid future with our hands-on Construction Technology Academy! You'll learn how to plan, organize, solve problems, and communicate well with others while on the work site. This curriculum will prepare you to finish your degree at IHCC and have a career in residential, commercial, industrial, or public works construction.

**After successfully completing the 2 year Academy, students will only need an additional 6 hours in Construction LAB to complete the Construction Diploma. That 6 hour lab can be taken over the summer, for free, if you are currently in high school or as a traditional college student the summer after you graduate from high school.**

YEAR ONE				YEAR TWO			
<b>FALL</b>				<b>FALL</b>			
CON 276	Construction Technology 1	3		CON 199	Construction Lecture & Lab 3 (Part 1)	3	
CON 450	Construction Lab IA	3		CON 453	Construction Lab IIB	3	
				CSC 105	Computer Essentials	1	
<b>WINTER</b>				<b>WINTER</b>			
CON 277	Construction Technology 2	3		CON 199	Construction Lecture & Lab 3 (Part 2)	3	
CON 451	Construction Lab IB	3		ENG 111	Technical Writing	3	
<b>SPRING</b>				<b>SPRING</b>			
CON 278	Construction Technology 3	3		CON 200	Construction Lecture & Lab 4	3	
CON 452	Construction Lab IIA	3		MAT 762	Technical Math	2	



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# DISCOVERY ACADEMIES

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# ADMINISTRATIVE SUPPORT SPECIALIST/ COMPUTER ACCOUNTING

YEAR ONE					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	ADM 133	Business Math and Calculators	3	MW	8:00 - 9:50
	ACC 111	Introduction to Accounting	3	TTH	8:00 - 9:50
	ADM 108	Keyboarding Skill Development	1	WWW	WWW
WINTER	BCA 134*	Word Processing	3	MW	8:00 - 9:50 LVL
	CSC 110	Introduction to Computers	3	WWW	WWW
SPRING	BCA 142*	Spreadsheets	3	MW	8:00 - 9:50 LVL
	ACC 311	Computer Accounting	3	TTH	8:00 - 9:50

## YEAR 2 OPTIONS

### Option 1: Administrative Support Specialist

Are you ready to be in an office organizing files, greeting customers, and supporting other employees by taking care of such things as data entry and correspondence, messages, and scheduling? Then the Administrative Support Specialist Academy is for you! After completing this academy, you will receive an Administrative Support Specialist Diploma. These courses also account for the first year of the Business Office Specialist program at IHCC if you wish to continue and complete an A.A.S degree!

YEAR TWO					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	ADM 162*	Office Procedures	3	MW	8:00 - 9:50
	ENG 105	Composition I	3	WWW	WWW
WINTER	ACC 161	Payroll Accounting	3	MW	8:00 - 9:50
	ADM 159	Proofreading & Editing	3	TTH	8:00 - 9:50
	SPC 101	Fundamentals of Oral Communication <b>OR</b> Public Speaking (SPC 112)	3	WWW	WWW
SPRING	ADM 123	Document Formatting	3	TTH	8:00 - 9:50
	BCA 178*	Presentation Software	3	WWW	LVL
	COM 777	Verbal & Written Workplace Communication	2	WWW	WWW

### AWARD: ADMINISTRATIVE SUPPORT SPECIALIST DIPLOMA

\*Earn Industry Recognized Credentials

This academy will give you the opportunity to earn up to four Microsoft Office Specialist certifications in the following courses:

BCA 134	Word Processing	Microsoft Word Certification	ADM 162	Office Procedures	Microsoft Outlook Certification
BCA 142	Spreadsheets	Microsoft Excel Certification	BCA 178	Presentation Software	Microsoft PowerPoint Certification

You can also, just take these four classes as a part of a separate academy or just on their own. Each class will help you prepare for the certification exam that you will take at the end of the term. These certifications are in high-demand in the workforce, with employers viewing these as necessary skills. Get certified and prove to employers that you have the skills they desire!



# ADMINISTRATIVE SUPPORT SPECIALIST/ COMPUTER ACCOUNTING

## Option 2: Computer Accounting

Do you enjoy working with numbers or keeping things organized? If so, the Computer Accounting Academy could be a great fit for you! By completing this academy, you'll earn a Diploma in Computer Accounting, which prepares you for entry level bookkeeping jobs. Even better, the courses you take here can transfer directly into the Accounting Assistant or Accounting Specialist programs at IHCC if you decide to keep going with your accounting education.

YEAR TWO					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	ACC 152	Financial Accounting	4	MW	8:00 - 9:50
	ENG 105	Composition I	3	WWW	WWW
WINTER	ACC 161	Payroll Accounting	3	MW	8:00 - 9:50
	ACC 150	Financial Reports and Presentations	2	TTH	8:00 - 9:50
SPRING	ECN 130	Principles of Microeconomics	3	TTH	8:00 - 9:50
	COM 777	Verbal & Written Workplace Communication	2	WWW	WWW

**AWARD: COMPUTER ACCOUNTING DIPLOMA**



## AUTOMOTIVE TECHNOLOGY

Like to work with your hands? We do too. Don't sit at a desk when you could be driving, racing, fixing, rebuilding, restoring, aligning, and recharging! Join our program today and make your next customer's experience Life. Changing!

YEAR ONE					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	AUT 114	Shop Fund & Minor Service - Lec	4	MTWTH	1:00 - 1:50
		Shop Fund & Minor Service - Lab		MTWTH	1:50 - 2:25
	CRR 310	Adapters, Tools and Measurements <i>(First Half)</i>	1	MW	2:35 - 3:10
	AUT 701	Basic Automotive Air Conditioning <i>(Second Half)</i>	1	TTH	2:35 - 3:10
WINTER	AUT 131	Auto Preventative Maintenance - Lec	2	MTWTH	1:00 - 1:15
		Auto Preventative Maintenance - Lab		MTWTH	1:15 - 1:50
	AUT 502	Automotive Brake Systems - Lec	2	MTWTH	2:00 - 2:15
		Automotive Brake Systems - Lab		MTWTH	2:15 - 2:50
SPRING	AUT 290	NVH and Aftermarket - Lec	2	MTWTH	1:00 - 1:15
		NVH and Aftermarket - Lab		MTWTH	1:15 - 1:50
	AUT 702	Automotive Heating & Air Conditioning - Lec	2	MTWTH	2:00 - 2:15
		Automotive Heating & Air Conditioning - Lab		MTWTH	2:15 - 2:50
YEAR TWO					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	AUT 204	Auto Transmissions and Transaxles	4	MTWTH	8:00 - 9:50
	AUT 218	Auto Transmissions and Transaxles Service <i>(Optional)</i>	5	MTWTH	10:00 - 11:50
WINTER	AUT 155	Automotive Engine Design and Systems	2	MW	8:00 - 9:50
	AUT 290	NVH and Aftermarket <i>(Odd Years)</i>	2	MTWTH	10:00 - 10:50
	AUT 702	Auto Heating & Air Conditioning <i>(Even Years)</i>	2	MTWTH	10:00 - 10:50
	SPC 101	Fundamentals of Oral Communication	3	TTH	8:00 - 9:50
SPRING	MAT 772	Applied Math	3	MTWTH	9:00 - 9:50



## BUSINESS TRANSFER

The Business Transfer Academy offers students the opportunity to dive into courses within our Associate of Arts Degree in Business. Our business program is designed to give you the skills and experience to take the industry by storm in a wide variety of careers and transfer your credits to a four-year college to continue your education. Successful completion of the Business Transfer Academy will give you all of the business courses required to enter into the College of Business at Iowa State University, University of Iowa, or University of Northern Iowa.

Classes can be face-to-face or through LVL (Zoom).

YEAR ONE					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	BUS 102	Introduction to Business	3	MW	8:00 - 9:50
	ECN 120	Macroeconomics	3	TTH	8:00 - 9:50
WINTER	CSC 110	Introduction to Computers	3	MW	8:00 - 9:50
	BUS 185	Business Law 1	3	TTH	8:00 - 9:50
SPRING	ECN 130	Principles of Microeconomics	3	TTH	8:00 - 9:50
	MGT 101	Principles of Management	3	WWW	WWW
YEAR TWO					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	ACC 152	Financial Accounting	4	MW	8:00 - 9:50
	MKT 110	Principles of Marketing	3	TTH	8:00 - 9:50
WINTER	ACC 156	Managerial Accounting	4	MW	8:00 - 9:50
	MAT 140	Finite Math	3	TTH	8:00 - 9:50
SPRING	MAT 156	Statistics	3	MW	8:00 - 9:50
	CSC 116	Information Computing	3	WWW	WWW

Interested in being your own boss? Have an idea for a business you want to start? Already have a small business you want to expand? The Entrepreneurship Certificate could be an option for you! With only four online classes to complete, this is an easy certificate to complete in one term or over one year. You can complete the certificate on its own, add it to the Business Transfer Major Discovery Academy, or add it to a different IHCC Discovery Academy. The four required online courses are:

BUS 128	Foundation to Entrepreneurship	3 credits
BUS 149	Small Business Financial Management	3 credits
BUS 155	Customer Discovery and Development	3 credits
BUS 910	Leading and Growing Entrepreneurial Companies	3 credits



## BUSINESS RELATED CERTIFICATES

### Entrepreneurship Certificate

Interested in being your own boss? Have an idea for a business you want to start? Already have a small business you want to expand? The Entrepreneurship Certificate could be an option for you! You can complete the certificate on its own, add it to the Business Transfer Major Discovery Academy, or add it to a different IHCC Discovery Academy. These are all online classes.

TERM	CLASS	NAME	CREDITS	DAYS/TIME
	BUS 128	Foundation to Entrepreneurship	3	WWW
	BUS 149	Small Business Financial Management	3	WWW
	BUS 155	Customer Discovery & Development	3	WWW
	BUS 910	Leading & Growing Entrepreneurial Companies	3	WWW

### Health Information Certificate

This program helps you build essential skills in both business and healthcare, including how to manage and protect important medical information. You'll learn the basics of healthcare documentation, data organization, and the systems professionals use every day. Earning this certificate can make your resume stand out and prepare you for entry level roles in health information—an area that continues to grow as healthcare becomes more digital. It's a smart way to expand your opportunities and take a confident step toward a career in the healthcare field. The courses are all online.

TERM	CLASS	NAME	CREDITS	DAYS/TIME
<b>FALL</b>	BCA 167	Comprehensive Databases	3	WWW
<b>OR</b>	BCA 142	Spreadsheets	3	MW 8:00 - 9:50 (Fall) or WWW
<b>SPRING</b>	HIT 125	Essentials of Health Records	2	WWW
	HIT 126	Health Records Laboratory	1	WWW
	HSC 113	Medical Terminology	2	WWW

### Microsoft Office Specialist Certifications

These certifications are highly valued by employers, and earning them shows you've got real, job ready skills. Getting certified is a great way to stand out and prove you're prepared for today's workplace. You can take these four classes as part of the Administrative Support Specialist Academy or simply choose the ones you're interested in. Each class is designed to help you build confidence and get ready for the certification exam you'll take at the end of the term.

TERM	CLASS	NAME	CREDITS	DAYS	TIME
<b>FALL</b>	ADM 162	Office Procedures (Prepares for Microsoft Outlook Certificate)	3	MW	8:00 - 9:50 LVL
<b>WINTER</b>	BCA 134	Word Processing (Prepared for Microsoft Word Certificate)	3	MW	8:00 - 9:50 LVL
<b>SPRING</b>	BCA 142	Spreadsheets (Prepares for Microsoft Excel Certificate)	3	MW	8:00 - 9:50 LVL
	BCA 178	Presentation Software (Prepares for Microsoft PowerPoint Certificate)	3		WWW



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## BUSINESS RELATED CERTIFICATES

### Tax Assistant Certificate

Whether you have a desire to work within an accounting office or you just want to earn some extra income during the busy tax season, the Tax Assistant Certificate is for you! This certificate will give you the background needed for income tax and payroll completion and to understand the accounting cycle.

TERM	CLASS	NAME	CREDITS	DAYS/TIME
FALL	ACC 111	Intro to Accounting <b>OR</b> Financial Accounting (ACC 152)	3	TTH 8:00 - 9:50 or WWW
WINTER	ACC 161	Payroll Accounting	3	MW 8:00 - 9:50 or WWW
SPRING	ACC 261	Income Tax Accounting	3	WWW

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# COMPUTER SOFTWARE DEVELOPMENT

**Design applications with a purpose! Change solutions one line of code at a time!  
Let's create something Life. Changing!**

**Classes can be face-to-face or through LVL (Zoom).**

YEAR ONE					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	BCA 185	Beginning Webpage Development	3	MTWTH	8:00 - 8:50
WINTER	CIS 351	Introduction to Database Concepts	3	MTWTH	8:00 - 8:50
	CIS 134	Web Design	3	WWW	WWW
SPRING	CIS 760	Cloud Foundations	3	MTWTH	8:00 - 8:50
YEAR TWO					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	CIS 598	Python Programming	3	MTWTH	9:00 - 10:40
WINTER	CIS 171	Java	3	MTWTH	9:00 - 10:40
SPRING	CIS 114	Intro to AI	3	MTWTH	9:00 - 9:50
	CIS 175	Java II	3	MTWTH	10:00 - 10:50

The following courses complement the Computer Software Development Discovery Academy and can be available to high school students. The courses are outside of the typical discovery academy time frame. All of these courses require a laptop, though the required software is free. Students will need permission from their high school to enroll.

- CIS 169 C#
- CIS 175 Java II
- CIS 198 JavaScript
- CIS 206 Web Scripting
- CIS 286 User Experience Design
- CIS 334 PHP/APACHE/MYSQL
- CIS 402 Cobol
- CIS 486 Intro to 4GL



## CONSTRUCTION TECHNOLOGY

Like to build things, don't want a boring desk job? We didn't think so! Take the construction industry by storm, and build yourself a solid future with our hands-on Construction Technology Academy! You'll learn how to plan, organize, solve problems, and communicate well with others while on the work site. This curriculum will prepare you to finish your degree at IHCC and have a career in residential, commercial, industrial, or public works construction.

After successfully completing the 2 year Academy, students will only need an additional 6 hours in Construction LAB to complete the Construction Diploma. That 6 hour lab can be taken over the summer, for free, if you are currently in high school or as a traditional college student the summer after you graduate from high school.

YEAR ONE					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	CON 276	Construction Technology 1	3	TTH	8:00 - 9:50
	CON 450	Construction Lab 1A	3	MTWTH	10:00 - 11:30
	MAT 762	Technical Math for Industry	2	MW	8:00 - 9:50
WINTER	CON 277	Construction Technology 2	3		
	CON 451	Construction Lab IB	3		
SPRING	CON 278	Construction Technology 3	3		
	CON 452	Construction Lab IIA	3		
YEAR TWO					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	CON 453	Construction Lab IIB	3	MTWTH	12:30 - 3:30
	CSC 105	Computer Essentials	1	WWW	WWW
WINTER	CON 454	Construction Lab IIIA	3		
SPRING	CON 455	Construction Lab IIIB	3		
	ENG 111	Technical Writing <b>OR</b> Composition I (ENG 105)	3		



## CRIMINAL JUSTICE

**Do you want to make the world a safer place? Have you ever thought about being a police officer? Sign up for the Criminal Justice Discovery Academy! This Academy gives students the opportunity to explore careers in the area of public safety. Learn the basics and ethics of criminal justice - dive into procedures, investigations, laws and much more!**

**Classes will be face-to-face only at the IHCC Ottumwa Campus (unless specified as online).**

YEAR ONE						
TERM	CLASS	NAME	CREDITS	DAYS	TIME	
FALL	CRJ 100	Intro to Criminal Justice	3	MW	8:00 - 9:40	
	SOC 110	Intro to Sociology	3	TTH	8:00 - 9:40	
WINTER	CRJ 101	Ethics in Criminal Justice	3	MW	8:00 - 9:40	
	CRJ 301	Introduction to Homeland Security	3	TTH	8:00 - 9:40	
SPRING	CRJ 141	Criminal Investigation	3	MW	8:00 - 9:40	
	CRJ 130	Criminal Law	3	TTH	8:00 - 9:40	



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# CYBERSECURITY AND SYSTEMS ADMINISTRATION

**A journey of a thousand miles begins with a single step. Take the first step to your Life. Changing. career by becoming a graduate of the Computer Networks and Security Program at Indian Hills.**

YEAR ONE					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	NET 166	Applied Computer Security	3	MTWTH	8:00 - 8:50
WINTER	NCC 200	Networking I: Networking Fundamentals	3	MTWTH	8:00 - 9:50
SPRING	NCC 212	Scripting Fundamentals Lecture (8:00 - 8:50), Lab (9:00 - 9:50)	3	MTWTH	8:00 - 9:50

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## DIESEL TECHNOLOGY

If you eat it, wear it, play with it, or drive it, odds are it was delivered by a diesel! But diesel is more than just trucks; it's the driving force behind today's Life. Changing. technology! Put a driving force behind your career today, by joining the Diesel Technology Program at Indian Hills!

YEAR ONE					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	DSL 325	Intro to Diesel	2	MTWTH	8:00 - 8:35
	CRR 310	Tool Adapters & Measurements	1	MTWTH	8:45 - 9:00
	DSL 701	Intro to Diesel Guidance Systems <i>(1st six weeks)</i>	1	MTWTH	9:30 - 10:05
	AUT 701	Basic Auto Air Conditioning <i>(2nd six weeks)</i>	1	MTWTH	9:30 - 10:05
WINTER	AUT 642	Auto, Charging, Starting, & Electrical Systems	2	MTWTH	9:00 - 9:50
	AUT 222	Basic Automotive Drive Lines	2	MTWTH	10:00 - 10:50
SPRING	DSL 341	Overhaul of Diesel Engines	3	MTWTH	8:00 - 9:25
	DSL 204	Diesel Lab I	2	MTWTH	9:30 - 10:00
YEAR TWO					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	DSL 208	Diesel Lab III	2	MTWTH	1:00 - 2:10
WINTER	DSL 602	Principles of Hydraulics	2	MW	1:00 - 2:40
	COM 777	Verbal & Written Workplace Communication	2	TTH	1:00 - 2:40
SPRING	DSL 644	Steering & Suspension	4	MTWTH	1:00 - 2:40



## EDUCATION

The Education Academy offers senior students the opportunity to complete a field experience component, which puts them in real time classrooms. Students are able to complete the program within one year and jump into the workplace as a paraeducator, coach or to gain a head start on their Associate of Arts degree in Education.

Classes can be face-to-face or through LVL (Zoom).

YEAR ONE					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	EDU 210*	Foundations of Education	3	MW	8:00 - 9:50
	CSC 110	Introduction to Computers	3	TTH	8:00 - 9:50
WINTER	PSY 111	Introduction to Psychology	3	MW	8:00 - 9:50
	EDU 255	Technology in the Classroom	3	TTH	8:00 - 9:50
SPRING	EDU 218*	Initial Field Experience (30 hours)	2	W	8:00 - 9:50
	EDU 253*	Behavior Management & Social Interaction Skills	3	TTH	8:00 - 9:50

----- Optional Courses -----  
Coaching Authorization Certificate - 1 course face to face, 12 hours, rest of the course is online.  
Heartsaver CPR/AED: Adult-Child Infant Ecard - 1 day face to face class.

Criminal Background & Finger Printing screening required (Completed by IHCC)  
At age 18, apply for Paraeducator certificate and/or Coaching Authorization.

### \*Earn Certification

Students who successfully complete EDU 210, EDU 218, and EDU 253 with a “C” or better, are eligible to apply for the paraeducator certification with the Iowa Board of Educational Examiners upon graduation from high school. Students may take these classes as part of the academy or just on their own.



## EMERGENCY MEDICAL TECHNICIAN (EMT)

Over the course of two semesters, you will gain the knowledge and hands-on skills needed to take the National Registry of Emergency Medical Technicians (NREMT) written certification exam. After passing the exam, you will be certified as an Emergency Medical Technician (EMT) in Iowa.

EMTs serve on the front lines of crisis response. They are the vital link between the scene of an emergency and the hospital, providing critical care when every second counts. EMTs respond to accidents, medical emergencies, and a wide range of urgent situations. They assess patient conditions, determine next steps, perform CPR, control bleeding, stabilize fractures, and provide essential life saving support.

YEAR ONE					
SEMESTER	CLASS	NAME	CREDITS	DAYS	TIME
<b>1<sup>ST</sup> SEMESTER</b> <b>16 WEEKS</b>	EMS 261	EMT I Lab <i>(Arranged with local ER/ambulance service)</i>	4	M-Zoom	5:30 - 8:00 PM
<b>2<sup>ND</sup> SEMESTER</b> <b>16 WEEKS</b>	EMS 361	EMT II Lab <i>(Arranged with local ER/ambulance service)</i>	3.5	M-Zoom	5:30 - 7:30 PM
	EMS 362	EMT II Clinical <i>(As arranged - 56 hours minimum)</i>	1.5		

In order to participate in the EMT Academy, students must:

- Speak, read, write in English
- Have or be working toward a high school diploma
- Be 17 years old by September 15, 2026
- Maintain a 78% in courses
- Pass a required background check



# INTERACTIVE MEDIA TECHNOLOGY

Got a love for the written word? How about an appreciation for an impeccably designed website? Then we want YOU! Online communication becomes an art form when you study Interactive Media Technology at Indian Hills!

Classes will be face-to-face at the IHCC Ottumwa Campus.

YEAR ONE					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	GRA 950	Introduction to Digital Media	3	MW	8:00 - 9:40
	ART 149	Digital Design 1: Photoshop	2	TTH	8:00 - 9:10
WINTER	SPC 101	Fundamentals of Oral Communication	MW	3	8:00 - 9:40
	ART 156	Digital Design 1: Illustrator	TTH	2	8:00 - 9:10
SPRING	ART 150	Digital Design 3: InDesign	2	MW	8:00 - 9:10
	SMM 115	Introduction to Internet Marketing	3	TTH	8:00 - 9:40
YEAR TWO					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	SMM 100	Intro to Social Media	3	MW	8:00 - 9:40
	ART 120	2-D Design	3	MW	10:00 - 11:40
WINTER	PSY 111	Intro to Psych <b>OR</b> Intro to Sociology (SOC 110)	3	MW	8:00 - 9:40
	BCA 185	Beginning Webpage Development	3	MTWTH	10:00 - 10:50
SPRING	GEM or GES	Gen Ed Math or Science	3	MW	8:00 - 9:40
	MMS 241	Public Relations & Marketing	3	TTH	8:00 - 9:40



# MACHINE TECHNOLOGY

**Machines keep the world moving forward. So you're saying machinists run the world? You bet!  
Change the world – and your life – one part or tool at a time with Machine Technology at Indian Hills!**

## YEAR ONE

TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	MFG 209	Machine Shop Practices	3	MTWTH	8:00 - 8:50
	MFG 121	Machine Trade Printreading I	2	MTWTH	9:00 - 9:50
WINTER	MFG 222	Machine Operations I	4	MTWTH	8:00 - 10:15
SPRING	CAD 180	Intro to Solidworks	2	MTWTH	8:00 - 8:50
	MAT 772	Applied Math	3	MTWTH	9:00 - 9:50

## YEAR TWO

TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	MFG 254	Engine Lathe Theory	3	MTWTH	10:00 - 10:50
	MFG 262	Mill Operations Theory	3	MTWTH	11:00 - 11:50
WINTER	ATR 251	Robot Programming I	2	MTWTH	10:00 - 10:50
	MFG 131	Machine Trade Printreading II	2	MTWTH	11:00 - 11:50
SPRING	MFG 228	Machine Operations II	4	MTWTH	10:00 - 11:20



# PHLEBOTOMY TECHNICIAN AND MEDICAL LABORATORY ASSISTANT

Needles, tubes of blood, a phlebotomy tray. Let's help doctors make a life-saving diagnosis and get you a Life. Changing. Career!

Students who successfully complete MLT 135, MLT 145, and PHB 270 will earn the Phlebotomy Technician Certificate. The Medical Laboratory Assistant Diploma requires successful completion of ALL courses in both years of the Academy.

YEAR ONE					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	MLT 135	Clinical Laboratory Basics I ( <i>Hybrid</i> )	3	MW	8:00 - 9:40
	BIO 161	Basic Anatomy and Physiology <i>Optional for Phlebotomy Technician Certificate</i> <i>Required for Medical Laboratory Assistant Diploma</i>	3	TTH	8:00 - 9:40
WINTER	HSC 113	Medical Terminology ( <i>Hybrid</i> ) <i>Optional for Phlebotomy Technician Certificate</i> <i>Required for Medical Laboratory Assistant Diploma</i>	2	M	8:00 - 10:00
	MLT 145	Clinical Preparation	1	WWW	WWW
	COM 777	Verbal & Written Workplace Communication <i>Optional for Phlebotomy Technician Certificate</i> <i>Required for Medical Laboratory Assistant Diploma</i>	2	WWW	WWW
SPRING	PHB 270	Phlebotomy Clinical ( <i>100 hours</i> )	2	MTWTHF	7:00 - 10:00

## AWARD: PHLEBOTOMY TECHNICIAN CERTIFICATE

YEAR TWO					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	CSC 110	Introduction to Computers	3	MW	8:00 - 9:40
	SPC 101	Fundamentals of Oral Communication	3	TTH	8:00 - 9:40
WINTER	MLT 136	Clinical Laboratory Basics II ( <i>Hybrid</i> )	3	TTH	8:00 - 9:40
	MLT 175	CLA Practicum I ( <i>40 hours - Last 2 weeks of term</i> )	1.5	MTWTHF	7:00 - 9:40
	HSC 212	Pathophysiology ( <i>Hybrid</i> )	3	WWW	WWW
SPRING	MLT 137	Clinical Laboratory Basics III ( <i>Hybrid</i> )	3	TTH	8:00 - 9:40
	MLT 176	CLA Practicum II ( <i>40 hours - Last 2 weeks of term</i> )	1.5	MTWTHF	7:00 - 9:40
	HSC 227	CLA Administrative Procedures ( <i>Hybrid</i> ) <i>(Meets 1 day/week in person)</i>	2	WWW	WWW
	MLT 295	Topics in Clinical Laboratory Sciences ( <i>Hybrid</i> )	1	WWW	WWW

## AWARD: MEDICAL LABORATORY ASSISTANT DIPLOMA

\*Recommended General Electives: Intro to Psychology, Math Elective, or General Chemistry lead to the Medical Laboratory Technician AAS degree.

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## ROBOTICS & LASER

The Robotics & Laser Discovery Academy gives you the chance to dive into real-world challenges and hands-on lab experiences that make learning exciting—not boring. You’ll explore both robotics and laser & optics labs, two fields that power everything from automated factories to medical devices and aerospace technology. This is your opportunity to “test-drive” different high-tech pathways and uncover what truly sparks your interest!

Automation, robotics, lasers, optics, and smart technologies are shaping the future—and they need creative problem-solvers like you. If you’re ready to step into a fast-growing, high-energy career field, this academy opens the door.

YEAR ONE					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	ELT 368	DC & AC Fundamentals	3	MTWTH	8:00 - 9:20
	ATR 105	Industrial Robotics	3	MTWTH	10:00 - 10:50
WINTER	LEO 242	Introduction to Photonics	4	MTWTH	8:00 - 10:00
SPRING	ELT 225	Introduction to PLCs	4	MTWTH	8:00 - 10:00



## SOCIAL SCIENCES

Have you ever wondered about the unconscious? What are dreams? How can someone finish different tasks and not know they did the task? What exactly is a psychopath? What are their characteristics and what are they capable of? The Social Sciences Academy answers all of these questions and many more! By completing this Academy, you will have the foundational coursework to excel and earn a degree in the areas of psychology, sociology, social work, and human services.

For the 2026-27 school year, this Academy is not accepting new students. Only students who completed Year One in the 2025-26 school year will be able to enroll in the Year Two courses.

YEAR TWO					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	LIT 184	Young Adult Literature	3	WWW	WWW
	SOC 110	Introduction to Sociology	3	WWW	WWW
WINTER	SPC 101	Fundamentals of Oral Communication	3	WWW	WWW
	SOC 160	Introduction to Social Work	3	WWW	WWW
SPRING	PSY 251	Social Psychology	3	WWW	WWW
	SOC 115	Social Problems	3	WWW	WWW



## WELDING TECHNOLOGY

Some things need heat to spark a solution. So strap on your mask and let's make some welding magic! Send sparks flying with Welding Technology at Indian Hills!

YEAR ONE					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	WEL 228	Introduction to Welding, Safety & Health	1	MTWTH	12:30 - 12:45
	WEL 201	Procedures and Qualifications	1	MTWTH	12:50 - 1:05
	WEL 254	Welding Inspection and Testing Principles	1	MTWTH	1:10 - 1:25
	WEL 274	Shielded Metal Arc Welding I Lecture (1:30 - 1:45), Lab (1:45 - 2:55)	3	MTWTH	1:30 - 2:55
WINTER	WEL 233	Print Reading and Welding Symbol	3	MTWTH	12:20 - 1:10
	WEL 245	Gas Metal Arc Welding Spray Transfer	2	MTWTH	1:15 - 2:05
	WEL 244	Gas Metal Arc Welding Short Circuit	2	MTWTH	2:10 - 3:00
SPRING	COM 777	Verbal & Written Workplace Communication	2	MTWTH	12:20 - 12:55
	WEL 200	Metallurgy Fundamentals	2	MTWTH	1:00 - 1:35
	WEL 182	FCAW	2	MTWTH	1:40 - 2:30
	WEL 251	Gas Tungsten Arc Welding for Carbon Steel	2	MTWTH	2:35 - 3:25
YEAR TWO					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	WEL 262	Thermal Cutting Processes I	2	MTWTH	12:30 - 1:20
	WEL 174	Advanced Welding Procedures II	3	MTWTH	1:30 - 3:00
WINTER	WEL 211	Production Welding Procedures	4	MTWTH	12:20 - 2:15
	WEL 253	Gas Tungsten Arc Welding for Austenitic Stainless Steel	1	MTWTH	2:15 - 3:00
SPRING	XXX XXX	Approved General Education Course*	3	MTWTH	12:30 - 1:20
	WEL 275	Shielded Metal Arc Welding II	3	MTWTH	1:30 - 3:00
<b>AWARD: WELDING TECHNICIAN DIPLOMA</b>					

\*Refer to [General Education Course Requirements \(A.A.S.\)](#) for approved courses.

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