

# WHY SHOULD YOU TAKE CONNECT 2 COLLEGE 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.**

## ATA GLANCE

**1,599**

total number of  
concurrent students

**79**

students graduated with  
their high school diploma and  
an IHCC college degree

**\$3,722**

average amount saved  
per student

**\$5,951,401**

total amount saved by  
all concurrent 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.**



# 2024-2025 HEALTH SCIENCES HIGH SCHOOL OFFERINGS

## HEALTH SCIENCES EDUCATION

COURSE	NAME		TERM	START	END	DAYS	TIME
HSC 201	Health Care Exploration	2	Fall	8/26/2024	11/13/2024	MW	8:00 - 9:50
HSC 113	Medical Terminology	2	Winter Spring	11/14/2024 2/19/2025	2/18/2025 5/15/2025	HYBRID-WED WWW	8:00 - 9:50 WWW
PNN 147	Nursing Essentials I Lab/Clinical Days on Fridays TBA	3	Spring	2/19/2025	5/15/2025	MW	8:00 - 9:50
HSC 226	Health Society & Aging	3	Fall	8/26/2024	11/13/2024	WWW	WWW
HSC 141	Pharmaceutical Applications	1	Fall Winter	8/26/2024 11/14/2024	11/13/2024 2/18/2025	WWW WWW	WWW WWW
HSC 212	Pathophysiology	3	Winter Spring	11/14/2024 2/19/2025	2/18/2025 5/15/2025	WWW WWW	WWW WWW

## HEALTH SCIENCES EDUCATION – PROGRAM SPECIFIC

COURSE	NAME		TERM	START	END	DAYS	TIME
<b>Physical Therapist Assistant</b>							
PTA 101	Introduction to Physical Therapist Assistant	2	Fall	8/26/2024	11/13/2024	T	8:00 - 9:40
<b>Occupational Therapist Assistant</b>							
OTA 106	Trends in OTA	3	Fall	8/26/2024	11/13/2024	WWW	WWW
<b>Emergency Medical Technician</b>							
EMS 160	Emergency Medical Responder	4	Spring	1/20/2025	5/15/2025	MTWTH	8:00 - 9:50



# 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				YEAR TWO			
<b>FALL</b>				<b>FALL</b>			
AUT 114	Shop Fundamentals & Minor Service	4		AUT 404	Automotive Suspension and Steering	4	
<b>WINTER</b>				<b>WINTER</b>			
AUT 131	Auto Preventative Maintenance	2		AUT 222	Basic Automotive Drive Lines	2	
CRR 310	Adapters, Tools and Measurements	1		AUT 702	Automotive Heating and Air Conditioning	2	
<b>SPRING</b>				<b>SPRING</b>			
AUT 502	Auto Brake Systems	2		AUT 155	Automotive Engine Design and Systems	2	
AUT 701	Basic Automotive Air Conditioning	1		AUT 290	NVH and Aftermarket	2	

## MACHINE TECHNOLOGY ACADEMY

The need for more skilled machinists keeps growing. The world needs you more than ever! And IHCC will get you ready. Learn to read blueprints, program tooling systems on a CNC lathe or mill, master computer-aided drafting, strengthen your communication skills, and brush up on geometric tolerances. This Academy will get you prepared for an exciting career in Machining!

YEAR ONE			
<b>FALL</b>			
MFG 121	Machine Trade Printreading I	2	
MFG 209	Machine Shop Practices	3	
<b>WINTER</b>			
MFG 222	Machine Operations I ( <i>first half</i> )	2	
<b>SPRING</b>			
MFG 131	Machine Trade Printreading II	2	
MFG 222	Machine Operations I ( <i>second half</i> )	2	



## ALBIA AREA CAREER ACADEMY (CONTINUED)

### 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 228	Introduction to Welding, Safety & Health	1	WEL 182	FCAW	2
WEL 254	Welding Inspection and Testing Principles	1	WEL 262	Thermal Cutting Process I	2
WEL 274	Shielded Metal Arc Welding I	3	WEL 275	Shielded Metal Arc Welding II	3
<b>WINTER</b>			<b>WINTER</b>		
WEL 200	Metallurgy Fundamentals	2	WEL 211	Production Welding Procedures	4
WEL 233	Print Reading and Welding Symbol Interp.	3	WEL 253	Gas Tungsten Arc Welding for Austenitic Stainless Steel	1
WEL 251	Gas Tungsten Arc Welding for Carbon Steel	2			
<b>SPRING</b>			<b>SPRING</b>		
WEL 201	Procedures and Qualifications	1	MAT 772	Applied Math	3
WEL 244	Gas Metal Arc Welding Short Circuit Transfer	2	WBL 110	Employability Skills	2
WEL 245	Gas Metal Arc Welding Spray Transfer	2	WEL 174	Advanced Welding Procedures II	3



# 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

MAT 772	Applied Math	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

WBL 110	Employability Skills	2
WEL 211	Production Welding Procedures	4



# 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.

**Students will only need 6 hours in Construction LAB to complete the Construction Diploma.**

**The above 6 credits can be taken over the summer, for free, if you are currently in high school or as a traditional college student, over 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
<b>WINTER</b>				<b>WINTER</b>			
CON 277	Construction Technology 2		3	CON 454	Construction Lab IIIA		3
CON 451	Construction Lab IB		3	MAT 762	Technical Math for Industry		2
<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 113	Medical Terminology		2
HSC 201	Health Care Exploration		2
<b>WINTER</b>			
HSC 163	Nutrition		3
PSY 111	Introduction to Psychology		3
<b>SPRING</b>			
HSC 226	Health, Society & Aging		3
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 163	Nutrition	3
PSY 111	Introduction to Psychology	3

#### SPRING

HSC 226	Health, Society & Aging	3
PNN 147	Nursing Essentials I	3

### YEAR TWO

#### FALL

BIO 101	Introduction to Biology	2
HSC 141	Pharmaceutical Applications	1
WBL 154	Health Science Job Shadowing	1

#### WINTER

BIO 175	Human Anatomy	3
BIO 176	Human Anatomy Lab	1
PNN 149	Advanced CNA	3

#### SPRING

HSC 212	Pathophysiology	3
WBL 110	Employability Skills	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 201	Health Care Exploration	2		HSC 141	Pharmaceutical Applications	1	
PSY 111	Introduction to Psychology	3		WBL 110	Employability Skills	2	
				WBL 154	Health Science Job Shadowing	1	
<b>WINTER</b>				<b>WINTER</b>			
HSC 113	Medical Terminology	2		BIO 101	Introduction to Biology	2	
HSC 163	Nutrition	3		PNN 149	Advanced CNA	3	
<b>SPRING</b>				<b>SPRING</b>			
HSC 226	Health, Society & Aging	3		BIO 175	Human Anatomy	3	
PNN 147	Nursing Essentials I	3		BIO 176	Human Anatomy Lab	1	
				HSC 212	Pathophysiology	3	

## 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>			
MAT 772	Applied Math	3		WEL 182	FCAW	2	
WEL 228	Intro to Welding Safety & Health of Welders	1		WEL 275	Shielded Metal Arc Welding II	3	
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>			
WEL 201	Procedures & Qualifications	1		WBL 110	Employability Skills	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					
WEL 254	Welding Inspection & Testing Principles	1					





# 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 201	Health Care Exploration	2	HSC 141	Pharmaceutical Applications	1			
PSY 111	Introduction to Psychology	3	WBL 110	Employability Skills	2			
				WBL 154	Health Science Job Shadowing	1		
<b>WINTER</b>				<b>WINTER</b>				
HSC 113	Medical Terminology	2	BIO 101	Introduction to Biology	3			
HSC 163	Nutrition	3	PNN 149	Advanced CNA	3			
<b>SPRING</b>				<b>SPRING</b>				
HSC 226	Health, Society & Aging	3	BIO 175	Human Anatomy	3			
PNN 147	Nursing Essentials I	3	BIO 176	Human Anatomy Lab	1			
				HSC 212	Pathophysiology	3		

## 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 228	Intro to Welding Safety & Health of Welders	1	WEL 182	FCAW	2		
WEL 254	Welding Inspection & Testing Principles	1	WEL 275	Shielded Metal Arc Welding II	3		
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>			
MAT 772	Applied Math	3	WBL 110	Employability Skills	2		
WEL 201	Procedures & Qualifications	1	WEL 211	Production Welding Procedures	4		
WEL 244	Gas Metal Arc Welding Short Circuit Transfer	2					
WEL 245	Gas Metal Arc Welding Spray Transfer	2					



# OTTUMWA/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.

**Students will only need 6 hours in Construction LAB to complete the Construction Diploma.**

**The above 6 credits can be taken over the summer, for free, if you are currently in high school or as a traditional college student, over 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	
<b>WINTER</b>				<b>WINTER</b>			
CON 277	Construction Technology 2	3		CON 454	Construction Lab IIIA	3	
CON 451	Construction Lab IB	3		MAT 762	Technical Math for Industry	2	
<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 Farming.

YEAR ONE (PM)				YEAR TWO (AM)			
<b>FALL</b>				<b>FALL</b>			
AGA 154	Fundamentals of Soil Science	3		AGH 221	Principles of Horticulture	3	
AGS 113	Survey of the Animal Industry	3		AGS 319	Animal Nutrition	3	
<b>WINTER</b>				<b>WINTER</b>			
AGM 110	Ag Machine Safety & Operation	3		AGA 450	Issues in Sustainable Ag	3	
AGN 120	Wildlife and Agriculture	3		AGP 450	Fundamentals of GIS	3	
<b>SPRING</b>				<b>SPRING</b>			
AGA 114	Principles of Agronomy	3		AGB 235	Intro to Ag Markets	3	
AGS 216	Equine Science	3		AGP 333	Precision Farming Systems	3	

### CONSTRUCTION TECHNOLOGY ACADEMY

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**Students will only need 6 hours in Construction LAB to complete the Construction Diploma.**

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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	
<b>WINTER</b>				<b>WINTER</b>			
CON 277	Construction Technology 2	3		CON 454	Construction Lab IIIA	3	
CON 451	Construction Lab IB	3		MAT 762	Technical Math for Industry	2	
<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	



## RATHBUN AREA CAREER ACADEMY (CONTINUED)

### 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 163	Nutrition	3
PSY 111	Intro to Psychology	3

##### SPRING

HSC 226	Health, Society & Aging	3
PNN 147	Nursing Essentials I	3

#### YEAR TWO

##### FALL

BIO 101	Introduction to Biology	2
HSC 141	Pharmaceutical Applications	1
WBL 154	Health Science Job Shadowing	1

##### WINTER

BIO 175	Human Anatomy	3
BIO 176	Human Anatomy Lab	1
PNN 149	Advanced CNA	3

##### SPRING

HSC 212	Pathophysiology	3
WBL 110	Employability Skills	1

### 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

##### FALL

ELT 151	Industrial Electricity	3
MAT 762	Technical Math for Industry	2

##### WINTER

ELE 196	Motor Control Principles	4
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##### SPRING

IND 204	Fluid Power I	4
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#### YEAR TWO

##### FALL

IND 134	Print Reading	2
IND 205	Fluid Power II	4

##### WINTER

ELT 225	Introduction to PLC's	4
WBL 110	Employability Skills	2

##### SPRING

CSC 110	Introduction to Computer	3
IND 200	Mechanical Drives I	2
WBL 150	Job Shadowing	1

**AWARD: INDUSTRIAL MAINTENANCE DIPLOMA**



## **RATHBUN AREA CAREER ACADEMY (CONTINUED)**

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

##### **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**

MAT 772	Applied Math	3
WEL 244	Gas Metal Arc Welding Short Circuit Transfer	2
WEL 245	Gas Metal Arc Welding Spray Transfer	2



## 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 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
	CSC 110	Introduction to Computers	3	WWW	WWW
SPRING	BCA 142	Spreadsheets	3	MW	8:00 - 9:50
	ACC 311	Computer Accounting	3	TTH	8:00 - 9:50
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	3	WWW	WWW
SPRING	ADM 123	Document Formatting	3	TTH	8:00 - 9:50
	BCA 178	Presentation Software	3	WWW	WWW
	WBL 110	Employability Skills	2	WWW	WWW



## 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	4	MTWTH	8:00 - 9:50
	CRR 310	Adapters, Tools & Measurements <i>(1st six weeks)</i>	1	MTWTH	10:00 - 10:50
	AUT 701	Basic Auto Air Conditioning <i>(2nd six weeks)</i>	1	MTWTH	10:00 - 10:50
WINTER	AUT 404	Automotive Suspension and Steering	4	MTWTH	8:00 - 9:50
	AUT 290	NVH and Aftermarket	2	MTWTH	10:00 - 10:50
SPRING	AUT 131	Auto Preventative Maintenance	3	MTWTH	8:00 - 8:50
	AUT 502	Automotive Brake Systems	2	MTWTH	9:00 - 9:50
YEAR TWO					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	AUT 204	Auto Tranmissions 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	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



# AVIATION

**Want to take your education to new heights? Then explore our Aviation Academy at Indian Hills Community College! This program will expose you to three different Aviation fields: Avionics, Maintenance, and Professional Pilot. Come and start your path to a high-flying career today!**

YEAR ONE					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	AVM 107	Weight and Balance	1	MW	7:30 - 9:00
	AVM 111	Ground Operations and Servicing	1	TTH	7:30 - 9:00
	AVI 150	Aerodynamics	3	MTWTH	9:10 - 10:00
WINTER	AVM 173	Fluid Lines and Corrosion Control	3	MTWTH	7:30 - 9:00
	AVM 200	Avionics System I	3	MTWTH	9:00 - 10:30
SPRING	AVM 202	Avionics Systems II	3	MTWTH	8:00 - 9:30
	AVI 190	VFR Communications	2	MTWTH	10:00 - 10:50
YEAR TWO					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	AVI 127	Engine Systems Theory	3	MTWTH	8:00 - 8:50
	AVM 104	Regulations and Publications	2	MTWTH	9:00 - 9:50
	AVM 170	Aircraft Drawings	2	MTWTH	10:00 - 10:50
WINTER	AVI 220	Aviation Meteorology	3	MTWTH	7:45 - 8:35
	AVM 103	Aircraft Materials and Processes	2	MTWTH	8:45 - 9:50
	AVM 119	Fundamentals of Physics <i>(1st six weeks)</i>	1	MTWTH	10:00 - 11:05
	AVI 129	Employment Prep for Aviation Careers <i>(2nd six weeks)</i>	1	MTWTH	10:00 - 11:05
SPRING	AVI 135	Private Basic Ground	3	MTWTH	8:00 - 8:50
	AVM 109	Basic Electricity	4	MTWTH	9:00 - 10:50





## 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
	PHI 105	Intro to Ethics <b>OR</b> Intro to Philosophy (PHI 101)	3	WWW <b>OR</b> TTH	WWW <b>OR</b> 8:00 - 9:50
SPRING	MAT 156	Statistics	3	MW	8:00 - 9:50
	CSC 116	Information Computing	3	WWW	WWW



## COMPUTER ACCOUNTING

Do you love working with numbers and balancing your checkbook? The Computer Accounting Academy may be for you! After completing this academy, you will receive a Diploma in Computer Accounting, which will prepare you to be a bookkeeper! These courses will also transfer into the Accounting Assistant and Accounting Specialist programs at IHCC if you wish to continue on!

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
	CSC 110	Introduction to Computers	3	WWW	WWW
SPRING	BCA 142	Spreadsheets	3	MW	8:00 - 9:50
	ACC 311	Computer Accounting	3	TTH	8:00 - 9:50
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
	WBL 110	Employability Skill	2	WWW	WWW



## 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.

Students will only need 6 hours in Construction LAB to complete the Construction Diploma. The above 6 credits can be taken over the summer, for free, if you are currently in high school or as a traditional college student, over the summer after you graduate from high school.

YEAR ONE					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	CON 276	Construction Technology 1	3		
	CON 450	Construction Lab 1A	3		
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		
	CSC 105	Computer Essentials	1		
WINTER	CON 454	Construction Lab IIIA	3		
	MAT 762	Technical Math for Industry	2		
SPRING	CON 455	Construction Lab IIIB	3		
	ENG 111	Technical Writing <b>OR</b> Composition I (ENG 105)	3		



# 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	9:00 - 9:50
WINTER	CIS 351	Introduction to Database Concepts	3	MTWTH	8:00 - 8:50
	CIS 134	Web Design	3	WWW	WWW
SPRING	CIS 121	Intro to Programming Logic	3	MTWTH	8:00 - 9:50
YEAR TWO					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	CIS 598	Python Programming	3	MTWTH	8:00 - 8:50
	CIS 279	Introduction to Mobile Development	3	MTWTH	9:00 - 9:50
WINTER	CIS 402	Cobol	3	MTWTH	8:00 - 9:50
SPRING	CIS 198	JavaScript	3	MTWTH	8:00 - 8:50



## 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 - 9:50	
	SOC 110	Intro to Sociology	3	WWW <b>OR</b> MW	WWW <b>OR</b> 1:00 - 2:50	
WINTER	CRJ 101	Ethics in Criminal Justice	3	MW	8:00 - 9:50	
	CRJ 301	Introduction to Homeland Security	3	TTH	8:00 - 9:50	
SPRING	CRJ 141	Criminal Investigation	3	MW	8:00 - 9:50	
	CRJ 130	Criminal Law	3	TTH	8:00 - 9:50	



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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	Introduction to Diesel	2	MTWTH	8:00 - 8:50
	DSL 105	Fundamentals of Shop Management ( <i>1st six weeks</i> )	1	MTWTH	9:00 - 9:50
	CRR 310	Adapters, Tools & Measurements ( <i>2nd six weeks</i> )	1	MTWTH	9:00 - 9:50
WINTER	DSL 602	Principles of Hydraulics	2	MTWTH	8:00 - 8:50
	AUT 222	Basic Automotive Drive Lines	2	MTWTH	9:00 - 9:50
SPRING	DSL 341	Overhaul of Diesel Engines Lecture (8:00 - 8:50), Lab (9:00 - 9:50)	5	MTWTH	8:00 - 9:50



## 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	PSY 111	Introduction to Psychology	3	MW	8:00 - 9:50
	CSC 110	Introduction to Computers	3	TTH	8:00 - 9:50
WINTER	EDU 210	Foundations of Education	3	MW	8:00 - 9:50
	EDU 255	Technology in the Classroom	3	TTH	8:00 - 9:50
SPRING	EDU 218	Initial Field Experience (20 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.





## ELECTRONICS CORE

The technology industry is evolving across the world. Are you ready to evolve with it? Take your stand at the frontier of Robotics/Automation Technology, Ag/Biofuels Processing, or Laser and Optics Technology and have a Life. Changing. experience at Indian Hills!

YEAR ONE					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	ELT 373	DC Circuit Analysis	4	MTWTH	8:00 - 9:50
WINTER	LEO 102	Photonics Fundamentals	3	MTWTH	8:00 - 8:50
	ELT 378	AC Circuit Analysis	4	MTWTH	9:00 - 10:50
SPRING	ELT 505	Power Transfer Technology	2	MTWTH	8:00 - 8:50
	ELT 180	Microcontroller Applications	2	MTWTH	9:00 - 9:50
YEAR TWO					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	CSC 110	Introduction to Computers	3	MW	8:00 - 9:50
	MAT 742	Technical Math	2	TTH	8:00 - 9:50
WINTER	ELT 317	Digital Logic Circuits	2	MTWTH	8:00 - 8:50
	MFG 777	Business Fundamentals	3	MTWTH	9:00 - 9:50
SPRING	ELT 550	Analog Devices	4	MTWTH	10:00 - 11:50



# GEOSPATIAL TECHNOLOGY

In this Academy you will learn to work with, interrelate, and analyze virtually all forms of spatial data (mapping, surveying, and geography). You will learn to oversee the collection and interpretation of photographic and geographic data gathered from technological tools, such as Global Positioning Systems (GPS), Geographic Information Systems (GIS), databases, surveys, censuses, and satellite and ground-based remote sensing imagery. Locate and map out your Life. Changing. opportunity in Geospatial Technology!

YEAR ONE					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	GIS 100	Introduction to Geospatial Technologies	3	WWW	WWW
WINTER	GIS 111	Introduction to Geographic Information Systems	3	WWW	WWW
SPRING	GIS 230	GIS Applications	3	WWW	WWW
YEAR TWO					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	GIS 205	GIS Data Acquisition and Analysis	3	WWW	WWW
WINTER	GIS 949	Special Topics in GIS	3	WWW	WWW
SPRING	GIS 200	Introduction to Cartography	3	WWW	WWW

**AWARD: LOCATION ANALYTICS CERTIFICATE**



## INDUSTRIAL MAINTENANCE

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						
TERM	CLASS	NAME	CREDITS	DAYS	TIME	
FALL	MAT 762	Technical Math for Industry	2	MTWTH	8:00 - 8:50	
	ELT 151	Industrial Electricity	3	MTWTH	9:00 - 9:50	
WINTER	ELE 196	Motor Control Principles	4	MTWTH	8:00 - 9:50	
SPRING	ELT 225	Introduction to PLCs	4	MTWTH	8:00 - 9:50	
YEAR TWO						
TERM	CLASS	NAME	CREDITS	DAYS	TIME	
FALL	CSC 110	Introduction to Computers	3	MTWTH <b>OR</b> WWW	8:00 - 8:50 <b>OR</b> WWW	
	IND 200	Mechanical Drives I	2	MTWTH	9:00 - 9:50	
WINTER	IND 204	Fluid Power I	4	MTWTH	8:00 - 9:50	
	WBL 110	Employability Skills	2	MTWTH	10:00 - 10:50	
SPRING	IND 205	Fluid Power II	4	MTWTH	8:00 - 9:50	
	IND 134	Print Reading	2	MTWTH	10:00 - 10:50	
<b>AWARD: INDUSTRIAL MAINTENANCE DIPLOMA</b>						



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## 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 - 9:50
	SMM 100	Introduction to Social Media	3	TTH	8:00 - 9:50
WINTER	ART 120	2-D Design	3	MW	8:00 - 9:50
	SPC 101	Fund of Oral Communication	3	TTH	8:00 - 9:50
SPRING	ART 150	Digital Design 3: InDesign	2	MW	8:00 - 9:20
	SMM 115	Introduction to Internet Marketing	3	TTH	8:00 - 9:50

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# 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 131	Machine Trade Printreading II	2	WWW	WWW
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 - 11:50
WINTER	MFG 292	CNC Lathe Operator (NIMS)	3	MTWTH	8:00 - 9:50
SPRING	MFG 426	CAM for CNC Lathe	4	MTWTH	8:00 - 9:50



# PHLEBOTOMY TECHNICIAN AND CLINICAL 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!

YEAR ONE					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	MLT 135	Clinical Laboratory Basics I ( <i>Hybrid</i> )	3	MW	8:00 - 9:50
	BIO 161	Basic Anatomy and Physiology	3	TTH	8:00 - 9:50
WINTER	HSC 113	Medical Terminology	2	MW	8:00 - 9:20
	MLT 145	Clinical Preparation	1	WWW	WWW
	WBL 110	Employability Skills	1	WWW	WWW
SPRING	PHB 270	Phlebotomy Clinical ( <i>120 hours</i> )	1	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 - 9:50
	SPC 101	Fundamentals of Oral Communication	3	TTH	8:00 - 9:50
WINTER	MLT 136	Clinical Laboratory Basics II ( <i>Hybrid</i> )	3	TTH	8:00 - 9:50
	MLT 175	CLA Practicum I ( <i>40 hours - Last 2 weeks of term</i> )	1	MTWTHF	7:00 - 9:50
	HSC 212	Pathophysiology ( <i>Hybrid</i> )	3	WWW	WWW
SPRING	HSC 227	CLA Administrative Procedures ( <i>Hybrid</i> )	2	MW	8:00 - 9:20
	MLT 137	Clinical Laboratory Basics III ( <i>Hybrid</i> )	3	TTH	8:00 - 9:50
	MLT 176	CLA Practicum II ( <i>40 hours - Last 2 weeks of term</i> )	1	MTWTHF	7:00 - 9:50
	MLT 295	Topics in Clinical Laboratory Sciences ( <i>Hybrid</i> )	1	WWW	WWW

**AWARD: CLINICAL LABORATORY ASSISTANT DIPLOMA**

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



## 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.

YEAR ONE					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	CSC 110	Introduction to Computers	3	WWW	WWW
	PSY 112	Psychology of Human Relations	3	WWW	WWW
WINTER	ENG 105	Composition I	3	WWW	WWW
	PSY 111	Introduction of Psychology	3	WWW	WWW
SPRING	ENG 106	Composition II	3	WWW	WWW
	PSY 121	Developmental Psychology	3	WWW	WWW
YEAR TWO					
TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	SPC 101	Fundamentals of Oral Communications	3	WWW	WWW
	SOC 110	Introduction to Sociology	3	WWW	WWW
WINTER	PSY 251	Social Psychology	3	WWW	WWW
	SOC 160	Introduction to Social Work	3	WWW	WWW
SPRING	LIT 184	Young Adult Literature	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
<b>FALL</b>	WEL 228	Introduction to Welding, Safety & Health	1	MTWTH	12:30 - 12:50
	WEL 201	Procedures and Qualifications	1	MTWTH	12:50 - 1:10
	WEL 254	Welding Inspection and Testing Principles	1	MTWTH	1:10 - 1:30
	WEL 274	Shielded Metal Arc Welding I	3	MTWTH	1:30 - 3:00
<b>WINTER</b>	WEL 233	Print Reading and Welding Symbol	3	MTWTH	12:20 - 1:00
	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
<b>SPRING</b>	WBL 110	Employability Skills	2	MW	12:30 - 1:20
	WEL 200	Metallurgy Fundamentals	2	TTH	12:30 - 1:20
	WEL 182	FCAW	2	MTWTH	1:20 - 2:10
	WEL 251	Gas Tungsten Arc Welding for Carbon Steel	2	MTWTH	2:10 - 3:00

## YEAR TWO

TERM	CLASS	NAME	CREDITS	DAYS	TIME
<b>FALL</b>	WEL 262	Thermal Cutting Processes I	2	MTWTH	12:30 - 1:20
	WEL 174	Advanced Welding Procedures II	3	MTWTH	1:30 - 3:00
<b>WINTER</b>	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
<b>SPRING</b>	MAT 772	Applied Math	3	MTWTH	12:30 - 1:20
	WEL 275	Shielded Metal Arc Welding II	3	MTWTH	1:30 - 3:00

**AWARD: WELDING TECHNICIAN DIPLOMA**