# Hoosier Hills Career Center Career Pathway Worksheets



Draft Document

September 24, 2012

# Hoosier Hills Career Center Career Pathway Worksheets

# **Agriculture**

Horticulture and Landscape Management Life Science with a Concentration in Animals

# **Architecture and Construction**

Drafting and Design: Concentration in Mechanical Drafting Drafting and Design: Concentration in Architectural Drafting Construction Trades

# **Education and Training**

**Education and Early Childhood** 

# **Health Science**

Health Care Specialties: Concentration in Health Care Support Services, Pharmacy, Physical Therapy, Veterinary Health Care Specialties: Concentration in Nursing Biotechnology

# **Hospitality and Human Services**

Culinary Arts Cosmetology

# **Information Technology**

PC Networking and Support: Concentration in Networking PC Networking and Support: Concentration in PC Support

# **Manufacturing**

Welding Technology Engineering/Engineering Technology Machine Technology

# **Public Safety**

Fire and Rescue

# **Transportation**

Automotive Service Technology Automotive Collision Repair

				Н	oosier Hills (	Career Center	Career Pathway W	orksheet		
		Agricult	ure				Career Pat	nway: Horticulture and L	andscape Manageme	nt
Со	ncent	ration:								
							First Name:	AH TH	 C40 General	
						•	er, complete interest inventorie he time they create their individ	_		
		Grade	English/ Language Arts	Math	Science	Health/PE Social Studies		paration Courses Pathway	Other Elective for this Pat	
>		9	□ English 9	□ Algebra I	□ Biology	□ PE □ Health	☐ Preparing for College & Careers	□ Introduction to Agriculture, Food and Natural Resources (HHCC)		
SECONDADA		10	□ English 10	☐ Geometry	☐ Chemistry	Geography/ History of the World or World History/Civiliza tion	☐ Plant and Soil Science (HHCC)		☐ Computer Applications, ☐ Personal Financial Responsibility	□ World Language
		11	☐ English 11	☐ Algebra II	☐ Advanced Life Science Plants	□ US History		□ ** Horticultural Science (HHCC) (HHCC) □ (pre-req-Plant and Soil)		□ World Language
		12	☐ English 12	☐ Math ☐ or quantitative Reasoning		☐ Government ☐ Economics		□ **Landscape Management (HHCC)	☐ Fine Arts	□ World Language
	•		•	ts: Dual Credit Exa	ims		**	Additional HHCC Courses		
			d Certification: N						Agribusiness Manage	ment
Keqi	uirea	to be co	пънченей а сотр	leter of this Pathw	Postseconda	ry Courses Alio	gned for Potential Dua	al Credit** postsecondary course objectives	5	
						lvy Tech	Terre Haute			

Additional Dual Credit Courses
AGRI 115 Natural Resource Management
AGRI 102 Agribusiness and Farm Management

AGRI 116, Survey of Horticulture

Cluster: Agriculture Career Pathway: Life Sciences  Concentration: Animals									
	Last Na	me:				First Name:			
	Sending	g School:			Gra	d Yr:	AH TH	C40 General	
						rer, complete interest invento the time they create their indi			
	Grade	English/ Language Arts	Math	Science	Health/PE Social Studies	CTE/Career Pre	paration Courses Pathway	Other Elective for this Pat	
	9	☐ English 9	□ Algebra I	□ Biology	□ PE □ Health	□ Preparing for College & Careers	☐ Introduction to Agriculture, Food and Natural Resources (HHCC)		
SECONDARY	10	□ English 10	□ Geometry	☐ Chemistry	☐ Geography/ History of the World ☐ or World History/Civiliza tion		☐ Animal Science	☐ Computer Applications, ☐ Personal Financial Responsibility	□ World Language
	11	☐ English 11	☐ Algebra II	□ 3 <sup>rd</sup> Core 40 Science	□ US History		**Advanced Life Science: Animals (HHCC)		□ World Language
	12	☐ English 12	☐ Math ☐ or quantitative Reasoning		☐ Government ☐ Economics			☐ Fine Arts	□ World Language
			ts: Dual Credit Fina	al		<u>.</u>	*Additional HH	CC Course: Agribusines	ss Managemer
		d Certification: N	A leter of this Pathw	(3)/					

# See individual Course Frameworks for alignment of high school course standards and postsecondary course objectives **Ivy Tech Terre Haute** Agriculture Dual Credit Courses AGRI 116 Survey of Horticulture

Additional Dual Credit Courses

AGRI 115 Natural Resource Management

AGRI 102 Agribusiness and Farm Management

	Cluste	er: Architecture	e and Construction		ills Career Cent	ter Career Pathway Workshee Pathway: Drafting and Des				
	Conce	entration: Mech	nanical Drafting							
'										
						g, complete interest inventories, and investigate the time they create their individual Pathway Pla				
	Grade	English/ Language Arts	Math	Science	Health/PE CTE/Career Preparation Courses Social Studies for this Pathway		Other Elective Courses for this Pathway			
	9	☐ English 9	□ Algebra I	□ Biology	□ PE □ Health	☐ Preparing for College & Careers	☐ Computer Applications ☐ Or Personal Financial Responsibility	□ World Language		
SECONDARY	10	□ English 10	□ Geometry	□ Chemistry	☐ Geography/ History of the World ☐ or World History/Civilization	□ Computers in     Design and     Production     □ Or PLTW-Intro to     Eng Design     □ Or PLTW-Principles     of Engineering		□ World Language		
	11	☐ English 11	☐ Algebra II	☐ 3 <sup>rd</sup> Core 40 Science	□ US History	□ **Mechanical Drafting and Design I (HHCC)		□ World Language		
	12	☐ English 12	☐ Math ☐ or Quantitative Reasoning		☐ Government ☐ Economics	□ **Mechanical Drafting and Design II (HHCC)		☐ Fine Arts		
Indus	try Rec	ognized Certific	essment: Dual creditation: a completer for this		•	ennes University				
			·	Pastsasand	lary Cources Alia	ned for Potential Dual Credit**				
			**See individual	Course Frameworl	ks for alignment of high s	chool course standards and postsecondary cour	se objectives			
				lvy	Tech Community	College-Bloomington				
			Technical Graphics							

	Hoosier Hills Career Center Career Pathway Worksheet									
			and Construction	1		Pathway: Drafting and Des	gn			
-	Conce	entration: Arch	itectural Drafting							
L	Last	t Name:				First Name:				
	Sen	ding School:			Grad Yr: AH TH C40 General					
						g, complete interest inventories, and investigate the time they create their individual Pathway Pla	ns.			
	English/ Englage Math Science S Arts				Health/PE Social Studies	CTE/Career Preparation Courses for this Pathway	Other Elective ( for this Path			
	9	☐ English 9	□ Algebra I	□ Biology	□ PE □ Health	☐ Preparing for College & Careers	☐ Computer Applications☐ Or Personal Financial Responsibility	□ World Language		
SECONDARY	10	□ English 10	☐ Geometry	□ Chemistry	☐ Geography/ History of the World ☐ or World History/Civilization	□ Computers in Design     and Production     □ Or PLTW-Intro to     Eng Design     □ Or PLTW-Principles     of Engineering		□ World Language		
	11	□ English 11	□ Algebra II	☐ 3 <sup>rd</sup> Core 40 Science	□ US History	**Architectural Drafting and Design I (HHCC)		☐ World Language		
	12	☐ English 12	☐ Math ☐ or Quantitative Reasoning		☐ Government ☐ Economics	**Architectural Drafting and Design II (HHCC)	☐ Introduction to Business	☐ Fine Arts		
State	specific	ed Pathway Ass	essment: Dual credi	t assessment fr	rom Ivy Tech or Vinc	ennes University	•			
			ation: AutoCAD Use							
*Requ	uired to	be considered	a completer for this	Career Pathy	vay.					
			**Constantividual (			ned for Potential Dual Credit** chool course standards and postsecondary course				
			See individual (			College-Bloomington	de objectives			
			Technical Graphics		<b></b>					

DESN 105, Architectural Design I

Hoosier Hills Career Center Career Pathway Worksheet					
Cluster: Architecture and Construction	Pathway: Cons	struction Trades			
Last Name:	First Name:				_
Sending School:	Grad Yr:	AH TH	C40	General	_

	Grade	English/ Language Arts	Math	Science	Health/PE Social Studies	CTE/Career Preparation Courses for this Pathway	Other Elective Courses for this Pathway	
	9	☐ English 9	□ Algebra I	□ Biology	□ PE □ Health	☐ Preparing for College & Careers	☐ Computer Applications ☐ Or Personal Financial Responsibility ☐ World Languag	
SECONDARY	10	☐ English 10	☐ Geometry	□ Chemistry	☐ Geography/ History of the World ☐ or World History/Civilization	☐ Introduction to Construction	□ World Languag	
	11	☐ English 11	☐ Algebra II	□ 3 <sup>rd</sup> Core 40 Science	□ US History	□ **Construction Technology I (HHCC)	□ World Languag	
	12	☐ English 12	☐ Math ☐ or Quantitative Reasoning		☐ Government ☐ Economics	□ **Construction Technology II (HHCC)	☐ Fine Art	ts
State	<u>ا</u> specific	ed Pathway Ass	essment: Home Bu	ilders Institute (	(HBI) Principles of Co	। nstruction or Carpentry Basic assessmer	nts	
Indust	ry Rec	ognized Certific	ation: Home Builder	s Institute Prin	ciples of Construction	or Carpentry Basic		

\*\*Required to be considered a completer for this Career Pathway.

#### **Hoosier Hills Career Center Career Pathway Worksheet Cluster: Education and Training** Pathway: Education and Early Childhood **Concentration: Early Childhood Education** Last Name: First Name: \_\_\_\_\_\_ Sending School: Grad Yr: \_\_\_\_\_ AH \_\_\_ TH \_\_\_ C40 \_\_\_ General \_\_\_\_ Students should register with Career Cruising, complete interest inventories, and investigate careers in clusters & pathways prior to or during the time they create their individual Pathway Plans. English/ Health/PE **CTE/Career Preparation Courses** Other Elective Courses Language Math Science **Social Studies** for this Pathway for this Pathway Arts Preparing for College **Computer Applications** □ PE Algebra I or ☐ World 9 ☐ English 9 ☐ Biology & Careers Or Personal Financial ☐ Algebra II ☐ Health Language Or Nutrition & Wellness Responsibility Geography/ ☐ History of the ☐ Interpersonal Child Development World World 10 ☐ English 10 Or Advanced Child Relationships □ Geometry □ Chemistry □ or World Language Development History/Civilizati on 3rd Core □ World \*\*Early Childhood Education I (HHCC) ☐ US History 11 ☐ English 11 □ Algebra II 40 Language Science □ Math \*\*Early Childhood Education II □ Government 12 ☐ English 12 or Quantitative ☐ Fine Arts ☐ Economics (HHCC) Reasoning

State specified Pathway Assessment: Early Childhood Education Pre-PAC and/or Dual Credit Final Exams

Industry Recognized Certification: Early Childhood Education Pre Professional Certification; Child Development Associate (CDA)

\*\*Required to be considered a completer for this Career Pathway.

SECONDARY

# Postsecondary Courses Aligned for Potential Dual Credit\*\*

\*\*See individual Course Frameworks for alignment of high school course standards and postsecondary course objectives

### Ivy Tech Community College

- ECED 100 Introduction to Early Childhood Education
- ECED 101 Health, Safety and Nutrition

		n Science : Nursing, Use				ter Career Pathway Career Pa sy, Physical Therapy, V	athway: Health Care	Specialties or Nurs	ing
	Last Na	me:				First Name:			
	Sending	g School:			G	rad Yr:	AH TH	_ C40 Genera	l
						plorer, complete interest invento ng the time they create their indi	,		
	Grade	English/ Language Arts	Math	Science	Health/PE Social Studies	CTE/Career Prepa for this P			tive Courses Pathway
	9	☐ English 9	□ Algebra I	□ Biology	□ PE □ Health	<ul><li>□ Preparing for College &amp; Careers</li><li>□ Nutrition and Wellness</li></ul>		☐ Computer Applications, ☐ Personal Financial Responsibility	
SECONDARY	10	□ English 10	☐ Geometry	□ Chemistry	☐ Geography/ History of the World ☐ or World History/Civiliza tion	☐ Interpersonal Relationships *required for nursing pathway	☐ Human Development and Wellness ☐ Child Development *Req for nursing pathway		□ World Language
	11	☐ English 11	☐ Algebra II	☐ 3 <sup>rd</sup> Core 40 Science	□ US History	□ **Health Science	Education I (HHCC)		☐ World Language
	12	☐ English 12	☐ Math ☐ or quantitative Reasoning		☐ Government ☐ Economics	□ **Health Science	Education II (HHCC)	☐ Fine Arts	☐ World Language
e the Cer	tified N	urse Aide (CNA)				edit Final Exams for Hea		ng or Nursing Assist	ant programs may
dustry Re	cognize	d Certification: C	PR/AED Profession	nal Rescuer(H	lealthcare Provide	er (this is not considered fo	r TSA)		

# Postsecondary Courses Aligned for Potential Dual Credit\*\*

\*\*See individual Course Frameworks for alignment of high school course standards and postsecondary course objectives

Ivy Tech Bloomington

Ivy Tech Terre Haute

• HLHS 101, Medical Terminology (Blmgtn)

\*\*Required to be considered a completer of this Pathway

HLHS 100, Health Careers (TH)

			Но	osier Hills	Career Cen	ter Career l	Pathway \	Workshee	et			
	er: Healtl entration	n Science					Career Pa	thway: Bio	technolo	ogy		
Conce	illi alion	•					FUCUS. DI	Officulcal				
	Last Na	me:				First Na	me:					
	Sending	School:			G	Grad Yr:		АН	тн	C40	Genera	I
					in Indiana Career Ex hways prior to or duri							
	Grade	English/ Language Arts	Math	Science	Health/PE Social Studies	CTE/C	areer Prepar for this Pa	ation Course thway	es		Other Elect	
	9	☐ English 9	□ Algebra I	□ Biology	□ PE □ Health		ciples of al Sciences	Co	earing for llege & areers	☐ Perso	omputer lications, onal Financial sponsibility	
SECONDARY	10	☐ English 10	☐ Geometry	☐ Chemistry	☐ Geography/ History of the World ☐ or World History/Civiliza tion	□ **Human E	ody Systems					☐ World Language
	11	☐ English 11	☐ Algebra II	□ 3 <sup>rd</sup> Core 40 Science	□ US History	(HHC	Interventions					☐ World Language
	12	☐ English 12	☐ Math ☐ or quantitative Reasoning		☐ Government ☐ Economics	Innovation	medical ons (HHCC)				Fine Arts	□ World Language
•			ts: National ECAs	1	1			•		•		
		d Certification:	leter of this Pathw	/2V								
nequireu	to be co	iisiucicu a collip	icici di lilis Falliw	ay								

# Postsecondary Courses Aligned for Potential Dual Credit\*\*

\*\*See individual Course Frameworks for alignment of high school course standards and postsecondary course objectives

Ivy Tech Bloomington

**Ivy Tech Terre Haute** 

- HLHS 101, Medical Terminology (Blmgtn)
- HLHS 100, Health Careers (TH)

				Hoosier Hi	Ils Career Cent	ter Career Pathwa	ay Worksheet			
	Cluste	er: Hospitality a	and Human Servic	es		Pathway: Cu	linary Arts			
L	Last	t Name:				First Name:				
	Son	ding School:			Grad Yr: AH TH			I C40 General		
	Sen	aing school:			GI	au 11	An Ir	1 C40 Gener	di	
						g, complete interest inventor the time they create their inc				
	Grade	English/ Language Arts	Math	Science	Health/PE Social Studies	CTE/Career Prepa for this P		Other Elective Courses for this Pathway		
	9	9		□ Biology	□ PE □ Health	☐ Preparing for College & Careers ☐ Or Nutrition & Wellness		☐ Computer Applications ☐ Or Personal Financial Responsibility	□ World Language	
SECONDARY	10	□ English 10	☐ Geometry	□ Chemistry	☐ Geography/ History of the World ☐ or World History/Civilization	☐ Introduction to Culinary Arts	☐ Advanced Nutrition and Wellness ☐ Or Interpersonal Relationships		□ World Language	
	11	☐ English 11	☐ Algebra II	☐ 3 <sup>rd</sup> Core 40 Science	□ US History	□ **Culinary Arts and H	Hospitality (HHCC)		□ World Language	
	12	☐ English 12	<ul><li>☐ Math</li><li>☐ or Quantitative</li><li>Reasoning</li></ul>		☐ Government ☐ Economics	□ **Advanced C (HH	Culinary Arts CC)	☐ Introduction to Business	☐ Fine Arts	
State	ا specifi	ed Pathway Ass	essment: Currently S	Skills USA, 201	4-ProStart Level 1 a	■ nd Level 2: Culinary art	s Pre-PAC; Dual cred	dit final exams		
						f Achievement; Culinary	y Arts Preprofessiona	l Certification		
^^Req	uired to	be considered	a completer for this		•					
			**See individual (			ned for Potential Dua chool course standards and		ectives		
			Coo marviadar (			College-Bloomingto		0011700		
		· · · · · · · · · · · · · · · · · · ·	ts and Hospitality I	_		• HO	vanced Culinary Art SP 102, Basic Food	 Theory		
						• HO	SP 105, Introduction	on to Baking		

Hoosier Hills Career Center Career Pathway Worksheet						
Cluster: Hospitality and Human Services Pathway: Cosmetology						
Last Name:	First Name:					_
Sending School:	Grad Yr:	AH	тн	C40	General	

	Grade	English/ Language Arts	Math	Science	Health/PE Social Studies	CTE/Career Prepara for this Pat		Other Elective C for this Path	
	9	☐ English 9	□ Algebra I	□ Biology	□ PE □ Health	☐ Preparing for College & Careers		☐ Computer Applications ☐ Or Personal Financial Responsibility	□ World Language
SECONDARY	10	0 □ English 10 □ Geometry □ Chemistry □ Geography/ □ or World □ or World □ History/Civilization		☐ Business, Marketing, and Entrepreneurship Fundamentals		☐ Fine Arts	□ World Language		
	11	☐ English 11	☐ Algebra II	□ 3 <sup>rd</sup> Core 40 Science	□ US History	□ **(	Cosmetology I (HHCC	through Indiana Cosmetology Aca	ademy)
	12	☐ English 12	<ul><li>☐ Math</li><li>☐ or Quantitative</li><li>Reasoning</li></ul>		☐ Government ☐ Economics	☐ **(	Cosmetology II (HHCC	through Indiana Cosmetology Ac	ademy)
State s	pecific	ed Pathway Ass	essment: State Cos	metology Licen	se Assessment	Ц			
Indust	ry Rec	ognized Certific	ation: State Cosmet	ology License					
**Requ	ired to	be considered	a completer for this	Career Pathy	vay.	·			

Hoosier Hills Career Center Career Pathway Worksheet						
Cluster: Information Technology	Pathway: PC Networking and Support					
Concentration: Networking						
Last Name:	First Name:					
Sending School:	Grad Yr: AH TH C40 General					

	Grade	English/ Language Arts	Math	Science	Health/PE Social Studies	CTE/Career Preparation Courses for this Pathway		Other Elective Courses for this Pathway	
	9	☐ English 9	□ Algebra I	□ Biology	□ PE □ Health	☐ Preparing for College & Careers		☐ Digital Citizenship☐ Or Personal Financial Responsibility	□ World Language
SECONDARY	10	□ English 10	☐ Geometry	□ Chemistry	☐ Geography/ History of the World ☐ or World History/Civilization	<ul> <li>**Information</li> <li>Communications</li> <li>and Technology</li> <li>(HHCC)</li> </ul>			□ World Language
	11	□ English 11	□ Algebra II	☐ 3 <sup>rd</sup> Core 40 Science	□ US History	□ **Computer Tech	Support (HHCC)		□ World Language
	12	☐ English 12	☐ Math ☐ or Quantitative Reasoning		☐ Government ☐ Economics	□ **Infrastructure of the Internet (HHCC)			☐ Fine Arts
State	State specified Pathway Assessment: Dual Credit Finals								
Indu	stry Rec	ognized Certific	ation: IC3, Strata, M	icrosoft Office	Specialist Expert, A P	lus, Cisco IT Essentials	s, Cisco CCENT		
**Re	quired to	be considered	a completer for this	Career Pathy	vay.				

Hoosier Hills Career Center Career Pathway Worksheet									
Cluster: Information Technology Pathway: PC Networking and Support									
Concentration: PC Support									
Last Name:	First Name:								
Sending School:	Grad Yr: AH TH C40 Genera	al							

	Grade	English/ Language Arts	Math	Science	Health/PE Social Studies	CTE/Career Preparation Courses for this Pathway		Other Elective C for this Path	
RY	9	☐ English 9	☐ Algebra I	□ Biology	□ PE □ Health	☐ Preparing for College & Careers		☐ Computer Applications ☐ Or Personal Financial Responsibility	□ World Language
SECONDARY	10	☐ English 10	☐ Geometry	□ Chemistry	☐ Geography/ History of the World ☐ or World History/Civilization	<ul> <li>**Information</li> <li>Communications</li> <li>and Technology</li> <li>(HHCC)</li> </ul>			□ World Language
S	11	☐ English 11	☐ Algebra II	☐ 3 <sup>rd</sup> Core 40 Science	☐ US History	□ **Computer Tech	n Support (HHCC)		□ World Language
	12	□ English 12	☐ Math ☐ or Quantitative Reasoning		☐ Government ☐ Economics	□ **Network Fund	amentals (HHCC)		☐ Fine Arts
	•		essment: Dual Cred		Specialist Expert A P	Lus Nat Plus Microsof	t Technology Spec	ialist. Cisco IT Essentials	

Industry Recognized Certification: IC3, Strata, Microsoft Office Specialist Expert, A Plus, Net Plus, Microsoft Technology Specialist, Cisco IT Essentials

\*\*Required to be considered a completer for this Career Pathway.

Cluste	Hoosier Hills Career Center Career Pathway Worksheet  Cluster: Manufacturing Pathway: Welding Technology											
Last Name:												
Students should register with Career Cruising, complete interest inventories, and investigate careers in clusters & pathways prior to or during the time they create their individual Pathway Plans.												
Grade	F P.1.7			Health/PE Social Studies	CTE/Career Preparation Courses for this Pathway		Other Elective Courses for this Pathway					
9	☐ English 9	□ Algebra I	□ Biology	□ PE □ Health	☐ Preparing for College & Careers		□ Computer Application □ Or Personal Financia Responsibility					
10	□ English 10	□ Geometry	□ Chemistry	☐ Geography/ History of the World ☐ or World History/Civilizati on	☐ Intro to Manufacturing☐ Or Intro to Advanced☐ Manufacturing and Logistics	□ Computers in Design and Production □ Or PLTW Intro to Engine Design		□ World Language				
11	☐ English 11	☐ Algebra II	☐ 3 <sup>rd</sup> Core 40 Science	□ US History	□ **Welding Technolog	gy I (HHCC)		□ World Language				
12	☐ English 12	☐ Math ☐ or Quantitative Reasoning		☐ Government ☐ Economics	□ **Welding Technolog	gy II (HHCC)		☐ Fine Arts				
					■ s 1 and 3), and 9; +1 Weld	ding Process						
		ation: AWS SENSE a completer for this	•									
quireu la	ne considered	a completer for this	Societi Falliv	vay.								

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# Postsecondary Courses Aligned for Potential Dual Credit\*\*

\*\*See individual Course Frameworks for alignment of high school course standards and postsecondary course objectives

# Ivy Tech Community College-Terre Haute

WELD 108, Shield Metal Arc Welding I

**Additional Dual Credit Course** 

WELD 207, Gas Metal Arc Welding (MIG)

WELD 208, Tungsten Gas Arc Welding

Cluste	Hoosier Hills Career Center Career Pathway Worksheet  Pathway: Engineering/Engineering Technology											
							C40 Gener					
	Students should register with Career Cruising, complete interest inventories, and investigate careers in clusters & pathways prior to or during the time they create their individual Pathway Plans.											
Grade	English/ Language Arts	Math	Science	Health/PE Social Studies	CTE/Career Prepa for this P		Other Elective for this Pat					
9	☐ English 9	□ Algebra I	□ Biology	□ PE □ Health	**Intro to Engineering Design		☐ Computer Applications ☐ Or Personal Financial Responsibility	□ World Language				
10	□ English 10	☐ Geometry	□ Chemistry	☐ Geography/ History of the World ☐ or World History/Civilization	□ **Principles of Engineering	☐ Computers in Design ☐ Or Computer Integrated Manufacturing		□ World Language				
11	□ English 11	☐ Algebra II	□ 3 <sup>rd</sup> Core 40 Science	□ US History	□ **Civil Engineering (H	g & Architecture		□ World Language				
12	□ English 12	☐ Math ☐ or Quantitative Reasoning		Government Economics	☐ Engineering Design and Development (HHCC)			☐ Fine Arts				

State specified Pathway Assessment: National ECA

Industry Recognized Certification: : Autodesk Inventor Certified User, Autodesk Inventor Certified Associate, Autodesk Inventor Certified Professional

\*\*Required to be considered a completer for this Career Pathway.

## Postsecondary Courses Aligned for Potential Dual Credit\*\*

\*\*See individual Course Frameworks for alignment of high school course standards and postsecondary course objectives

## Ivy Tech Community College-Bloomington

- ADMF 103 Graphic Communications for Manufacturing
  OR
- DESN 102 Technical Graphics
- ADMF 115 Materials & Processes for Manufacturing
- DESN 105 Architectural Design I

Clus	ter: Manufacturi	ng			Pathway: N	lachine Technolo	gy		
La	st Name:				First Name:				
Se	Sending School:				Grad Yr:	АН	TH C40 General		
					sing, complete interest invent ng the time they create their i				
Grade	English/ Language Arts	Math	Science	Health/PE Social Studies	CTE/Career Prepa for this Pa		Other Elective Courses for this Pathway		
9	☐ English 9	□ Algebra I	□ Biology	□ PE □ Health	☐ Preparing for College & Careers		☐ Computer Applications ☐ Or Personal Financial Responsibility	□ World Language	
10	□ English 10	☐ Geometry	□ Chemistry	Geography/ History of the World or World History/Civilizati on	☐ Intro to Advanced Manufacturing and Logistics	☐ Computers in Design ☐ Or Computer Integrated Manufacturing		□ World Language	
11	☐ English 11	☐ Algebra II	☐ 3 <sup>rd</sup> Core 40 Science	□ US History	□ **Precision Machi	ning I (HHCC)		□ World Language	
12	☐ English 12	☐ Math ☐ or Quantitative Reasoning		☐ Government ☐ Economics	□ **Precision Machi	ning II (HHCC)		☐ Fine Arts	
ustry Re	cognized Certific	essment: Dual credi ation: National Instit a completer for this	ute for Metal W Career Pathy	orking Skills (NIMS	5)				
		**See individua	l Course Framewo	orks for alignment of hig	<b>ligned for Potential I</b> gh school course standards a	nd postsecondary course	e objectives		
			lv	y Tech Commur	nity College-Terre Ha	ute			
	Machining I ATTC 101 Intro to	o Machining			Precision Machini  • MTTC 1	ng II 0 Turning and Milling			

	Cluste	er: Public Safet		Hoosier Hi	ills Career Cente	er Career Pathway  Pathway: Fire a				
	Olusio	or r ubile Galet	y			1 duiway. 1 ne a	iid Nescue			
	Last	t Name:			First Name:					
	Sen	ding School:			Gra	ad Yr:	AH	тн (	C40 Gener	al
						complete interest inventories, ne time they create their individ		i.		
	Grade	English/ Language Arts	Math	Science	Health/PE Social Studies	CTE/Career Preparati for this Pathy			Other Elective C for this Path	
SECONDARY	9	□ English 9	□ Algebra I	□ Biology	□ PE □ Health	☐ Preparing for College & Careers		□ Or F	puter Applications Personal Financial Responsibility	□ World Language
	10	□ English 10	☐ Geometry	□ Chemistry	☐ Geography/ History of the World ☐ or World History/Civilization	☐ Interpersonal Relations				□ World Language
	11	☐ English 11	☐ Algebra II	☐ 3 <sup>rd</sup> Core 40 Science	☐ US History	□ **Fire and Rescue I	(HHCC)			□ World Language
	12	□ English 12	☐ Math ☐ or Quantitative Reasoning		☐ Government ☐ Economics	□ **Fire and Rescue II	(HHCC)			☐ Fine Arts
	•		essment: Firefighter							
			ation: Firefighter I as a completer for this							
					•					
			**See individual			ed for Potential Dual C nool course standards and post		objectives		
						College-Bloomington				

- FIRE 100, Fire Suppression
- FIRE 116, Fire Fighter I
- FIRE 117, Fire Fighter I

- PSAF 115, Hazmat Awareness and Operations
- PSAF 120, First Responder

				Hoosier Hi	Ils Career Cent	ter Career Pathwa	y Worksheet				
	Cluste	er: Transportat	ion			Pathway: Automotive Service Technology					
L	Last	t Name:				First Name:					
	Sen	ding School:			G	Grad Yr: AH 1			al		
						g, complete interest inventori the time they create their ind					
	Grade	English/ Language Arts	Math	Science	Health/PE Social Studies	CTE/Career Prepar for this Pa		Other Elective C for this Path			
,	9	☐ English 9	□ Algebra I	☐ Integrated Chemistry -Physics	□ PE □ Health	☐ Preparing for College & Careers		☐ Computer Applications☐ Or Personal Financial Responsibility	□ World Language		
SECONDARY	10	□ English 10	☐ Geometry	□ Biology	☐ Geography/ History of the World ☐ or World History/Civilization	☐ Intro to Transportation (HHCC)			□ World Language		
	11	□ English 11	□ Algebra II	☐ 3 <sup>rd</sup> Core 40 Science	□ US History	□ **Automotive Techno	ology I (HHCC)		□ World Language		
	12	☐ English 12	<ul><li>☐ Math</li><li>☐ or Quantitative</li><li>Reasoning</li></ul>		☐ Government ☐ Economics	□ **Automotive Te	echnology II Y ICC)		☐ Fine Arts		
<b>State</b> Auto I		ed Pathway Ass	essment: Dual credi	t assessment w	rith Ivy Tech or Vince	ennes University or NA3	SSA assessment– 4	4 by the end of Auto I, total	of 7 by the end of		
		•	ation: Automotive Se		, ,						
^^Req	uirea to	be considered	a completer for this	Career Pathw	/ay.						
				Postsecond	ary Courses Aligi	ned for Potential Dua	al Credit**				
			**See individual (			chool course standards and p	•	objectives			
Auto	motive	Technology I		IVY	rech Community	College-Terre Haute	9				
71010			g and Suspension			Automotive Technolo	gy II				
•		_	,			● AUTC 109, E	Engine Performance	I			
	AUI	ΓC 121, Braking	Systems			AUTC 113, Electrical Systems					

	Cluste	er: Transportat	ion	Hoosier Hi	ills Career Cen	ter Career Pathwa	y Worksheet comotive Collision	on Repair	
	Last	t Name:	S	tudents should reg	<b>G</b> gister with Career Cruisin		<b>AH</b> ·	TH C40 Gene	
	Grade	English/ Language Arts	Math	Science	Health/PE Social Studies	CTE/Career Prepar for this Pa		Other Elective ( for this Path	
	9	☐ English 9	□ Algebra I	□ Biology	□ PE □ Health	☐ Preparing for College & Careers		☐ Computer Applications☐ Or Personal Financial Responsibility	□ World Language
SECONDARY	10	□ English 10	☐ Geometry	□ Chemistry	☐ Geography/ History of the World ☐ or World History/Civilization	☐ Intro to Transportation (HHCC)			□ World Language
	11	☐ English 11	☐ Algebra II	☐ 3 <sup>rd</sup> Core 40 Science	☐ US History	□ **Automotive Collisio			□ World Language
	12	☐ English 12	<ul><li>☐ Math</li><li>☐ or Quantitative</li><li>Reasoning</li></ul>		☐ Government ☐ Economics		Collision Repair (HHCC)		☐ Fine Arts
	•			t assessment w	vith Ivy Tech or Vinc	ennes University or NA3	SA assessment (a	Il tests that fit the local curr	iculum)
		ognized Certific be considered	ation: NA3SA a completer for this	Career Pathy	vay.				
			•		-	ed for Potential Dua			

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