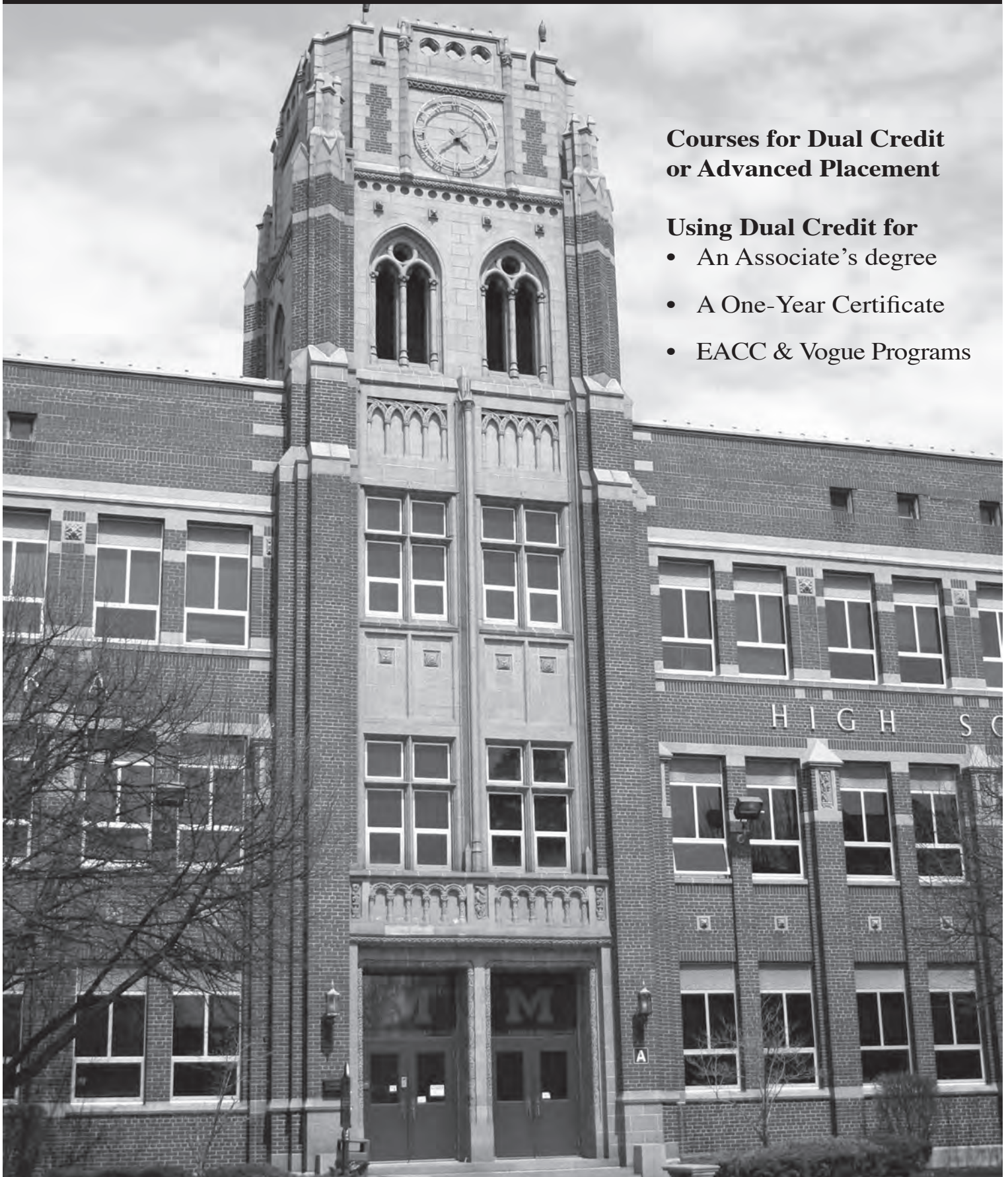


Mishawaka HIGH SCHOOL Early College Program



Courses for Dual Credit or Advanced Placement

Using Dual Credit for

- An Associate's degree
- A One-Year Certificate
- EACC & Vogue Programs

EARLY COLLEGE (beginning with the class of 2019)

Mishawaka High School has had a significant dual credit program for several years in partnership with IU, Ivy Tech and Vincennes. Over 50% of MHS graduates earned dual credit last year. A recent expansion of the dual credit program at MHS makes it possible for a student to earn a one year certificate or an Associate's Degree in General Studies through Ivy Tech at little or no cost to the student. **All students are encouraged to apply if they meet the program prerequisites and students who are the first in their family to go to college are especially encouraged to apply.**

Prerequisites for 2015-2016

For entry from 8th grade (starting the program as a freshman):

Pass 7th grade English and Math ISTEP exams

Complete the first semester of General or Honors English-8 with a B- or better

Complete the first semester of Pre-Algebra or higher with a B- or better

Overall GPA of 2.67

96% attendance and no out of school suspensions in 8th grade

For entry from 9th grade (starting the program as a sophomore):

Pass 8th grade English and Math ISTEP exams

Complete the first semester of General or Honors English-9 with a B- or better

Complete the first semester of Algebra-I or higher with a B- or better

Overall GPA of 2.67

96% attendance and no out of school suspensions in 9th grade

Application

Applications are available in JYMS and MHS guidance offices and should be completed and returned to the student's guidance counselor by January 15. Students who are unable to meet the deadline and **students from other districts are eligible** to participate in the EC program on a space-available basis.

Note: All students will be able to take dual credit classes whether they are part of the EC program or not, but those who do participate will be best equipped to earn the one year certificate or associate's degree.

Selection and Scheduling

Students will be notified in late winter as to their acceptance into the program and scheduled for courses shortly thereafter. Available courses are on page 8 and sample four year plans are on page 11.

What's an Attainable Goal (one year certificate or an associate's degree)?

If the student is involved in several extracurricular activities, the one-year certificate is a smart choice. If the student has limited involvement in extracurricular activities, then the associate's degree is doable with hard work and commitment by both the student and his or her family.

Summer Bridging Program

A three-week program tailored to help EC students prepare for the challenges of a rigorous high school and college curriculum will be available during summer school. Details about the dates, times and focus of the program will be published in early spring. **EC students who have not previously participated in the honors program are required to attend the Summer Bridging program.**

Support during the School Year

A variety of supports already exist including homework room and after-hours study tables to help all students succeed. Additional supports are being developed with the community to help EC students obtain a one-year certificate or an associate's degree.

Download the application at: scm.mishawaka.k12.in.us/mhs/early-college/

COURSES for DUAL CREDIT or ADVANCED PLACEMENT

	Mishawaka Dual Credit and AP Courses	College/Course Numbers	Pre-requisites
ART	AP Studio Art-2 Dimensional Design (2S: 11-12) d/c pending	H IvyT VISC 101 (3cr)	RW
	Visual Communications (1S: 10-12)	IvyT VISC 102 (3cr)	RW
	AP Studio Art-Drawing (2S: 11-12)	H AP	3.0 GPA
BUSINESS	Info and Comms Technology (1S: 10-12) d/c pending	IvyT CINS 101 (3cr)	R
	Business Administration (1S: 11-12) d/c pending	H IU ACP W100 (3cr)	2.7 GPA
	Graphic Design and Layout (1S: 10-12)	IvyT VISC 115 (3cr)	RW
	There are several additional Business courses that may be added in the future that are on the Priority Dual Credit Course List.		
ENGINEERING & TECHNOLOGY	PLTW Introduction to Engineering Design (2S: 9-12)	H IvyT DESN 102 (3cr)	none
	PLTW Principles of Engineering (2S: 10-12)	H IvyT DESN 104 (3cr)	102
	PLTW Civil Engineering and Architecture (2S: 11-12)	H IvyT DESN 105 (3cr)	104
	Arch. Drafting/CAD I (2S: 11-12)	VU DRAF 140 (3cr)	none
	Arch. Drafting/CAD II (2S: 11-12)	VU DRAF 150 (4cr)	140
	Construction Technology I/II (4S: 11-12)	IvyT CONT 101/102 (3/3cr)	none
FACS	Dual credit is available for Culinary Arts and several other career paths through EACC.		
ENGLISH	AP English Language and Composition	H AP	3.0 GPA
	English Composition (1S:12)	H IU ACP W131 (3cr)	2.7 GPA
	Literary Interpretation (1S:12)	H IU ACP L202 (3cr)	W131
	Public Speaking (1S: 11-12)	H IU ACP S121 (3cr)	2.7 GPA
	Expository Writing (2S: 11-12)-dual credit pending	H IvyT ENGL 112 (3cr)	W131
MATH	Finite Math (1S: 11-12)	H IU ACP M118 (3cr)	2.7 GPA
	Precalculus Honors (2S: 9-12)-dual credit pending	H IvyT MATH 136/137 (3/3cr)	M52
	Brief Survey of Calculus (1S: 11-12)	H IU ACP M119 (3cr)	2.7 GPA
	Calculus AB (2S: 11-12); may be taken as an AP class.	H IU ACP M215 (5cr)	2.7 GPA
	Calculus BC (2S: 11-12); may be taken as an AP class.	H IU ACP M216 (5cr)	M215
SCIENCE	Humans & the Biological World (2S: 11-12)	H IU ACP L100 (5cr)	2.7 GPA
	Human Physiology & Anatomy (2S: 11-12)	H IU ACP P130 (3cr)	2.7 GPA
	General Chemistry I (2S: 11-12)	IvyT CHEM105 (5cr)	RWM52
	Physics I (Calculus based; 2S: 11-12)	H IU ACP P221 (5cr)	2.7 GPA
	Physics 101 (Algebra based; 2S: 11-12); may be taken as AP.	H IvyT PHYS101 (4cr)	RWM52
	Physics 102 (Algebra based; 2S: 11-12); may be taken as AP.	H IvyT PHYS102 (4cr)	RWM52
	PLTW Principles of Biomed Sci (2S: 9-12)-d/c pending	H IUPUI ACP BIOL10011 (3cr)	none
	PLTW Human Body Systems (2S: 10-12)-d/c pending	H IUPUI ACP BIOL10012 (3cr)	10011
	PLTW Medical Interventions (2S: 11-12)-d/c pending	H IUPUI ACP BIOL10013 (3cr)	10012
PLTW Biomedical Innovations (2S: 12)	H IvyT BIOT 107 (4cr)	10013	
SOCIAL STUDIES	United States History I/II (2S: 11-12)	H IUACP H105/H106 (3/3cr)	2.7 GPA
	Political Science (1S: 11-12)	H IUACP Y103 (3cr)	2.7 GPA
	AP Microeconomics (1S: 11-12)	H AP	3.0 GPA
	AP Macroeconomics (1S: 11-12)	H AP	3.0 GPA
	AP Psychology (1S: 11-12)	H AP	3.0 GPA
	AP World History (2S: 10-12)	H AP	3.0 GPA
WORLD LANGUAGES+	French III (2S: 10-12)	IvyT F101/F102 (4/4cr)	RW
	Spanish III (2S: 10-12)	IvyT S101/S102 (4/4cr)	RW
	French IV (2S: 11-12)	H IUACP F203/F204 (3/3cr)	2.7 GPA
	Spanish IV (2S: 11-12)	H IUACP S203/S204 (3/3cr)	2.7 GPA
	Cadet Teaching/Futures in Education (2S: 11-12)	H IUACP F200 (3cr)	2.7 GPA

Many Ivy Tech courses require students to score a 46+ in critical reading, writing and math on the PSAT or equivalent on the SAT, ACT or Accuplacer to qualify for credit.

Key: R=Reading, W=Writing, M=Math.

Course in bold are on the Priority Dual Credit List

EARLY COLLEGE (using dual credit for a one year certificate)

An important role of Early College is for students to set challenging, but realistic goals and work hard to achieve them. Every student eligible for the program is capable of earning an honors diploma and 15 or more college credits. Most EC students will be able to earn a one year certificate and some will be capable of earning an associate's degree. Whatever your goal is, COMPLETION is paramount.

Ivy Tech's Transfer General Education Core (one year certificate)

The TGEC is designed to prepare students for successful transfer to the baccalaureate-degree granting institution of their choice. Students who complete the TGEC requirements will have this noted on their transcript. Students may choose to complete one of two pathways, depending upon the selected major: the traditional TGEC or the STEM*/calculus-based TGEC for majors requiring a strong science and mathematics foundation. The differences in course requirements and selections are noted in the chart to the right.

*STEM (Science, Technology, Engineering and Mathematics)

		TGEC: the one year certificate is available to all dual credit and Early College students.											
		Academic Competencies											
		Written Communication 3 credits	STEM: 3 credits	Speaking and Listening 3 credits	STEM: 3 credits	Quantitative Reasoning 3-9 credits	STEM: 6-9 credits	Scientific Ways of Knowing 3-10 credits	STEM: 6-10 credits	Social and Behavioral Ways of Knowing 3-9 credits	STEM: 3-6 credits	Humanistic and Artistic Ways of Knowing 3-9 credits	STEM: 3 credits
ENGL 111	English Composition*	3											
ENGL 206	Introduction to Literature*											3	
COMM 101	Fundamentals of Public Speaking*			3									
MATH 135	Finite Math (not a STEM selection)*					4							
MATH 136/137	College Algebra*/Trigonometry with Analytic Geometry*					3/3							
MATH 201	201 Brief Calculus*					3							
MATH 211	Calculus I*					4							
MATH 212	Calculus II*					4							
BIOL 101	Introduction to Biology*							3					
CHEM 105	General Chemistry I*							5					
PHYS 101	Physics I*							4					
PHYS 102	Physics II*							4					
HIST 101/102	Survey of American History I/II*									3/3			
POLS 101	Intro to American Government and Politics*									3			
FREN 101/102	French Level I/II*											4/4	
SPAN 101/102	Spanish Level I/II*											4/4	
FREN 201/202	French Level III/IV*											3/3	
SPAN 201/202	Spanish Level III/V*											3/3	

DUAL CREDIT for a TRANSFER GENERAL EDUCATION CORE (TGEC)

Many of Mishawaka High School's dual credit core courses are earned through Indiana University's Advanced College Project (ACP) and several others are earned through Ivy Tech. If a student earns 30 hours with the correct distribution in the six academic competencies listed and earns at least 15 from Ivy Tech, they will qualify for the one year certificate.

For example if a student earns the credits indicated by reverse print, they would have 19 credits from Ivy Tech, 12 from IU ACP and would qualify for a STEM/TGEC.

*All of the courses with an asterisk are in the Core Transfer Library (CTL).

Ivy Tech's Associates Degree in General Studies

DUAL CREDIT for an ASSOCIATES DEGREE

Required	16 credits	IVYT 120	Student Success Elective	3	IVYT120
		COMM 101	Fundamentals of Public Speaking	3	S121
		CINS 101	Introduction to Microcomputers	3	CINS101
		ENGL 111	English Composition	3	W131
		ENGL 112	Exposition and Persuasion	3	ENGL112
		GENS 279	General Education Capstone Course	1	GENS279

Quantitative Reasoning	3+ credits	MATH 135	Finite Math	3	M118
		MATH 136	College Algebra	3	MATH136
		MATH 137	Trigonometry with Analytic Geometry	3	MATH137
		MATH 201	Brief Calculus I	3	M119
		MATH 211	Calculus I	4	M215
		MATH 212	Calculus II	4	M216

Scientific Ways of Knowing	3+ credits	BIOL 101	Introductory Biology	3	BIOL101
		BIOL 105	Biology I	5	
		BIOL 107	Biology II	5	
		CHEM 101	Introductory Chemistry I	3	CHEM101
		CHEM 105	General Chemistry I	5	CHEM105
		PHYS 101	Physics I	4	AP/PHYS101
		PHYS 102	Physics II	4	AP/PHYS102
		PHYS 220	Mechanics	5	P221

Course numbers that are shaded black or gray are active dual credit classes that can be applied to an associates degree.

Social/Behavioral Ways of Knowing	3+ credits	ANTH 154	Cultural Anthropology	3	ANTH 154
		ECON 101	Economics Fundamentals	3	ECON101
		ECON 201	Principles of Macroeconomics	3	AP
		ECON 202	Principles of Microeconomics	3	AP
		POLS 101	Introduction to American Government and Politics	3	Y103
		PSYC 101	Introduction to Psychology	3	AP
		HIST 101	Survey of American History I	3	H105
		HIST 102	Survey of American History II	3	H106
		HIST 111	World Civilization I	3	AP
		HIST 112	World Civilization II	3	AP

Humanistic and Artistic ways of Knowing	3+ credits	ENGL 202	Creative Writing	3	
		ENGL 206	Introduction to Literature	3	L202
		ENGL 214	Introduction to Poetry	3	
		ENGL 220	Introduction to World Literature Through the Renaissance	3	
		ENGL 221	Introduction to World Literature After the Renaissance	3	
		ENGL 222	American Literature To 1865	3	
		ENGL 223	American Literature After 1865	3	
		FREN 201	French Level III	3	F200
		FREN 202	French Level IV	3	F250
		SPAN 201	Spanish Level III	3	S200
		SPAN 202	Spanish Level IV	3	S250

Course numbers that are in **bold/italic** are IUACP courses and those in regular print are with Ivy Tech or Vincennes.

* 12+ elective credits are required from quantitative reasoning or ways of knowing categories listed above.

Statewide Electives**	about 20 credits	Engineering		Art		Business/Cadet Teaching		Science/World L.	
		Intro to Engr	DESN102	AP 2D Design	VISC101	Prin Busn Mgmt	BUSN101	Biomed Sci	BIOL10100
		Principles of Eng	DESN104	Visual Comm	VISC102	Business Law	BUSN102	Human Body Sys	BIOL10101
		Civil Eng & Arch	DESN105	AP Draw	ARTS100	Adv Busn Mgmt	BUSN105	Med Intervention	BIOL10102
		Const Tech I	CONS101	Graphic Design	VISC115	Entrepreneur/NV	ENTR101	Biomed Innov.	BIOT107
		Const Tech II	CONS102			Prin of Mktg	MKTG101	Anatomy & Phys	P130
		CAD I (Vincennes)	DRAF140					Human Bio	L100
		CAD II (Vincennes)	DRAF150						
						French III	FREN101/2		
				Cadet Teaching	EDUC101	Spanish III	SPAN101/2		

** 15 credit hours maximum can be acquired in any single course prefix.

EARLY COLLEGE (using dual credit for an associate's degree)

It is proven in high schools across the country that average and high ability students that work hard can earn an associate's degree while in high school. You can be one of them.

Listed below are sample four year plans that a student could follow to meet both high school diploma and associate's degree requirements. Students can mix and match a variety of classes at any point in the program to suit their individual interests and still meet degree requirements.

The plans are set up with two axioms:

- 1) The development of exceptional critical reading and writing skills are essential, hence the scheduling of EC students for honors English.
- 2) Core 40 math culminating with precalculus or higher provides a solid foundation for college and is achievable by all EC students.

Engineering	9 Fall	9 Spring	10 Fall	10 Spring	11 Fall	11 Spring	12 Fall	12 Spring
English	Eng 9-1H	Eng 9-2H	Eng 10-1H	Eng 10-2H	Amer Lit	S121	W131	ENGL112
Math	Alg I-1	Alg I-2	Geom I-1	Geom I-2	Alg II-1 H	Alg II-2 H	MATH136	MATH137
Science	Bio I-1 (9)	Bio I-2 (9)	Chem I-1	Chem I-2	AP 1/PHYS101		AP 2/PHYS102	
Social S.	PE-1	PE-2	W Hist-1	W Hist-2	H105	H106	Y103	HS Econ
World L.	Fren I-1	Fren I-2	Fren II-1	Fren II-2	FREN101	FREN102	FREN200	FREN250
Elective								
D/Elective	CC/IVYT120		DigCitz	CINS101	CAD I/DRAF140		elective	GENS279
Concentration	IED/DESN102		POE/DESN104		CEA/DESN105		SH	SH
College credits per semester	3	3	1.5	4.5	12	15	14	12

Academic Areas						
Required Classes	Quantitative Reasoning	Scientific Ways of Knowing	Social/Behavioral Ways of Knowing	Humanistic/Artistic Ways of Knowing	Q/R and Ways of Knowing Electives	Statewide Electives
16	3	3	3	3	12	20
9	3	4	3	3	3	3
7						3
						9
						65

Art	9 Fall	9 Spring	10 Fall	10 Spring	11 Fall	11 Spring	12 Fall	12 Spring
English	Eng 9-1H	Eng 9-2H	Eng 10-1H	Eng 10-2H	Amer Lit	S121	W131	ENGL112
Math	Alg I-1	Alg I-2	Geom I-1	Geom I-2	Alg II-1 H	Alg II-2 H	MATH136	MATH137
Science	Bio I-1 (9)	Bio I-2 (9)	Chem I-1	Chem I-2	BIOL101		CHEM101	
Social S.	PE-1	PE-2	W Hist-1	W Hist-2	H105	H106	Y103	HS Econ
World L.	Span I-1	Span I-2	Span II-1	Span II-2	SPAN101	SPAN102	elective	SH
Elective							P130	
D/Elective	CC/IVYT120		DigCitz	CINS101	SH	SH	SH	GENS279
Concentration	Intro 2D	Draw 1	AP Desn/VISC101		AP Draw/TBD?		VISC115	VISC102
College credits per semester	1.5	1.5	1.5	4.5	10	13	15	13

9	3	3	3	3	3	3
7						3
						12
						60

Business	9 Fall	9 Spring	10 Fall	10 Spring	11 Fall	11 Spring	12 Fall	12 Spring
English	Eng 9-1H	Eng 9-2H	Eng 10-1H	Eng 10-2H	Amer Lit	S121	W131	ENGL112
Math	Alg I-1	Alg I-2	Geom I-1	Geom I-2	Alg II-1 H	Alg II-2 H	MATH136	MATH137
Science	Bio I-1 (9)	Bio I-2 (9)	Chem I-1	Chem I-2	BIOL101		CHEM101	
Social S.*	PE-1	PE-2	W Hist-1	W Hist-2	H105	H106	Y103	HS Econ
World L.	Fren I-1	Fren I-2	Fren II-1	Fren II-2	FREN101	FREN102	SH	elective
Elective								
D/Elective	CC/IVYT120		DigCitz	CINS101	BUSN101	SH	BUSN105	GENS279
Concentration	Acct I-1	Acct I-2	Bus Law/BUSN102		Prin Mktg/MKTG101		E/ENTR101	SH
College credits per semester	1.5	1.5	1.5	4.5	13	13	16.5	8.5

9	3	3	3	3	3	3
7						6
						9
						60

Technology	9 Fall	9 Spring	10 Fall	10 Spring	11 Fall	11 Spring	12 Fall	12 Spring
English	Eng 9-1 H	Eng 9-2 H	Eng 10-1 H	Eng 10-2 H	W131	L202	S121	ENGL112
Math	Alg I-1	Alg I-2	Geom I-1	Geom I-2	Alg II-1 H	Alg II-2 H	MATH136	MATH137
Science	Bio I-1 (9)	Bio I-2 (9)	Chem I-1	Chem I-2	BIOL101		CHEM101	
Social S.	PE-1	PE-2	W Hist-1	W Hist-2	EACC*	EACC*	Y103	GENS279
World L.	Span I-1	Span I-2	Span II-1	Span II-2	SPAN101	SPAN102	EACC	EACC
Elective					EACC: Robotics			
D/Elective	CC/IVYT120		DigCitz	CINS101	CIGM102	MPRO102	MPRO106	MPRO201
Concentration	IED/DESN102		POE/DESN104		MPRO100	MPRO122		
College credits per semester	3	3	1.5	4.5	13.5	13.5	13.5	11.5

9	3	3	3	3	3	3
1						8
6						6
						6
						66

*HS US Hist 1 & 2 in Summer School

Sample four year plans for a few areas of interest. Customize your own to suit your interests.

Elkhart Area Career Center & Vogue Programs

	EACC Dual Credit Course	College/Course Number/Name		Sem	College Pre-		
					Credit	requisites	
	Auto Collision Repair	VU	BODY 150/L	Collision Repair/Lab	Yr	3/4	no
	Auto Service Tech 1	IVYT	AUTC 100	Intro to Auto Tech	F	1	no
		IVYT	AUTC 113	Eledtrical/Electronic	Yr	3	no
		IVYT	AUTC 122	Braking Systems	F	3	no
	Auto Service Tech 2	VU	AUTO 105	Transpo Fundamentals	Yr	3	no
		VU	AUTO 110/L	Transpo Electrical Lab	Yr	3/3	no
		IVYT	AUTC 100	Intro to Auto Tech	F	1	no
		IVYT	AUTC 107	Engine Prin. & Design	Yr	3	no
Hire Technology	Automation & Eng (Robotics)-1	IVYT	CIGM 102	Intro to Robotics	Yr	3	no
		IVYT	MPRO 100	Intro to Plant Flr & CNC	F	3	no
		IVYT	MPRO 102	Intro to Print Reading	F	3	no
	Automation & Eng (Robotics)-2	IVYT	MPRO 122	Mechatronics Electr. Systms	F	3	no
		IVYT	MPRO 106	Intro to Wrkplce & Safe	F	3	no
		IVYT	MPRO 201	Lean Mfg.	F	3	no
	Av Production 1	VU	MCOM 102	Audio/Visual Production	Yr	3	no
	Av Production 2	VU	MDIA 120	Audio Production	Yr	3	rw
		VU	MDIA 140	Visual Production	Yr	3	rw
	CAD 1	IVYT	DESN 102	Technical Graphics	Yr	3	no
	CAD 2	IVYT	DESN 103	CAD Fundamentals	F	3	no
	Commercial Photo 1	IVYT	PHOT 104	Basic Photography	Yr	3	no
	Commercial Photo 2	IVYT	PHOT 106	Studio Practices	Yr	3	104
	Computer Network/Repair 1	IVYT	INFM 109	Informatics Fundamntls	Yr	3	rw
		VU	CPNS 101	LAN Basics/OSI Models	Yr	3	no
	Computer Network/Repair 2	VU	CPNS 102	WAN Basics/Routers	Yr	3	no
		VU	CPNS150	Comp. Telecommunicati	Yr	2	no
		VU	CMET 140	Comp. Maintenance I	Yr	3	no
		VU	CMET 185	Comp. Maintenance II	Yr	3	no
	Construction Trades 1	IVYT	CONT 101	Intro to Constr. Trades	Yr	3	no
	Construction Trades 2	IVYT	CONT 102	Constructions Trades 1	Yr	3	no
	Cosmetology I-1	VU	COSMO 100	Cosmetology 1	Yr	7	rwm
	Cosmetology I-2	VU	COSMO 150	Cosmetology II	Yr	7	100
	Cosmetology II-3	VU	COSMO 200	Cosmetology III	Yr	9	150
	Cosmetology II-4	VU	COSMO 250	Cosmetology IV	Yr	7	200
	Crime Scene Inv (CSI)	VU	LAWE 100	Survey of Criminal Justice	Yr	3	no
	Law Enforcement	VU	LAWE 150	Intro to Criminology	Yr	3	no
		VU	LAWE 160	Criminal Investigation	Yr	3	no

All EACC courses are 3 HS credits per semester

EACC is developing a series of technical pathways with concentrations in various fields for Early College students. The initial offering will be Health Support which should be available in the the Fall of 2015. It will include approximately 10 dual credit courses/30+ semesters hours of college credit.

Vogue Cosmetology 1	not dual credit, but 4-HS credits per semester
Vogue Cosmetology 2	not dual credit, but 4-HS credits per semester

EARLY COLLEGE (combining EACC dual credit into a 4-year plan)

EACC Dual Credit Course	College/Course Number/Name	Sem	College Credit	Pre-requisites	
Culinary Arts 1	IVYT HOSP 101 Sanitation/1st Aid	F	3	rwm	
Culinary Arts 2	IVYT HOSP 101 Sanitation/1st Aid	Yr	3	rwm	
	IVYT HOSP 102 Basic Food Theory/Skill	Yr	3	101	
	IVYT HOSP 104 Nutrition	Yr	3	rwm	
	IVYT HOSP 105 Intro to Baking	Yr	3	101	
Diesel Svc Tech 1*	VU		6	no	
Diesel Svc Tech 2*	VU		6	1	
Early Childhood Ed 1	IVYT ECED 100 Intro Early Childhood Ed	F	3	rw	
	IVYT ECED 101 Health, Safety, Nutrition	S	3	rw	
	Early Childhood Ed 2	IVYT ECED 103 Curric Erly Chldhd Clssrm	F	3	rw
		IVYT ECED 105 CDA Process	S	3	rw
Firefighting 1/2	IVYT FIRE 100	Yr	3	no	
Graphic Design 1	IVYT VISC 101 Fundamentals of Design	Yr	3	rw	
	VISC 115 Intro to Comp. Graphics	Yr	3	rw	
	Graphic Design 2	IVYT VISC 102 Fundamentals of Image	Yr	3	rw
Floral Design/Event Plan	IVYT LAND 102 Shrubs/Other Plants	Yr	3	no	
Creative Landscaping	IVYT LAND 103 Landscape Mgmt I	Yr	3	no	
Law Enforcement	IVYT LAWE 106	Yr	3	no	
Machine Shop-Metal	VU PMTD 110/L MFG. Process Lab	Yr	2/1	no	
Machine Shop-Adv	VU PMTD 117 Basic Maching I	Yr	3	no	
	VU PMTD 118 Basic Maching II	Yr	3	117	
Motorcycle/Small Eng Tech 1	VU AUTO 105 Transpo Fundamentals	Yr	3	no	
Motorcycle/Small Eng Tech 2				1	
Veterinary Assisting 1*	Purdue		3	\$	
Veterinary Assisting 2	Purdue		3	\$	
Welding 1	VU WELD 101 Oxy-Acetylene Welding	Yr	3	no	
	VU WELD 102 Shield/Metal Arc Weld I	Yr	3	no	
Welding 2	VU WELD 103 Gas/Metal Arc Welding	Yr	3	no	
Yr 1	Health Careers	IVYT HLHS 100 Intro to Health Careers	Yr	3	no
		IVYT HLHS 111 Health/Wellness 4 Life	Yr	3	rw
Yr 2	CNA Prep	IVYT HLHS 107 CAN Prep	Yr	5	no
Yr 2	Dental Health Cr	IVYT DENT 115 Preclinical Practice I	Yr	3	no*
		IVYT DENT 124 Prvnt Dent/Diet & Nutr	Yr	3	115
Yr 2	EMT-Medic	IVYT PARM 102 EMT	Yr	7.5	rwm-
		IVYT PSAF 120	Yr	3	rwm-
Yr 2	Medical Assisting	IVYT HLHS 101 Medical Terminology	Yr	3	rw

*Ivy Tech Program Chair must approve applications for the Ivy Tech Dental Program

EARLY COLLEGE (blending dual credit with Bethel College's REACH)

Bethel College's REACH Program (Register Early to Achieve College Hours) allows high school students to take certain Bethel College courses at a discounted tuition rate and earn college credit.

Program overview

- Apply for the program with Bethel College on-line for free
- \$100 per credit hour – up to 24 credits
- Must be a high school junior or senior from public, private or home school setting.
- Have at least a 3.0/4.0 GPA through sophomore year
- Freshman (100) and sophomore (200) level courses offered
- Students must meet course prerequisites.
- Students will be issued a student ID card. The ID card will allow the student to participate in any of the general student activities on campus and use the library.

Management	9 Fall	9 Spring	10 Fall	10 Spring	Summer	11 Fall	11 Spring	Summer	12 Fall	12 Spring
English	Eng 9-1H	Eng 9-2H	Eng 10-1H	Eng 10-2H		Amer Lit	S121		W131	L202
Math	Alg I-1	Alg I-2	Geom I-1	Geom I-2		Alg II-1 H	Alg II-2 H		MATH136	MATH137
Science	Bio I-1 (9)	Bio I-2 (9)	Chem I-1	Chem I-2		P130			ACCT203	ACCT204
Social S.	PE-1	PE-2	W Hist-1	W Hist-2	HS US Hist	SH	AP Micro	HS Gov	BIBL216	AP Macro
World L.	Fren I-1	Fren I-2	Fren II-1	Fren II-2		FREN101	FREN102		SH	SH
Elective						AP Sociology			AP Psychology	
D/Elective	CC/IVYT120		DigCitz	CINS101		BUSN101	THEO110	PHIL150	BUSN105	BADM222 *
Concentration	Acct I-1	Acct I-2	Bus Law/BUSN102			ENTR101	SH		Prin Mktg/MKTG101	
College credits per semester for AA			1.5	4.5	3	9	12	2	15	15
Optional col crs	1.5	1.5				3	3		3	3

Academic Areas			
17	12	21	12
REACH classes at Bethel			
General Ed at MHS	9		
Major classes at MHS	6	3	
AP at MHS (Gen &)	3		6
			6
	8	12	
		9	
			62

Notes:

Link to apply on-line for Bethel's REACH program: <https://www.bethelcollege.edu/create-account.html>

College level courses are in bold and those required for the AA degree are shaded in gray or black.

* One REACH class (3 credits) will be required during the summer after high school graduation to complete the AA degree.

A score of a 3, 4, or 5 are required on the AP exams for the courses to count for college credit.

Associates Degree in Business Management

REACH at Bethel

- IU ACP S121 Public Speaking
- IU ACP W131 English Composition
- AP Psychology
- AP Sociology

REACH at Bethel

or

REACH at Bethel

- IU ACP Human Biology P130
- IU ACP L202 Literature

REACH at Bethel

REACH at Bethel

REACH at Bethel

- IvyT BUSN101 Principle of Busn Mgmt
- IvyT BUSN102 Principle of Busn Law
- BC BADM 222 Business Communication
- IvyT BUSN105 Adv Busn Management
- IvyT CINS101 Computer Apps
- AP Macroeconomics
- AP Microeconomics
- IvyT MKTG101 Principles of Mktg
- IvyT ENTR 101 Entrepreneurship

REACH at Bethel

General Education

- THEO 110 Exploring the Christian Faith** 3
- COMM 171 Speech Communication 3
- ENGL 101 Written Communication II 3
- PSYC 182 General Psychology 3
- SOC 151 Principles of Sociology 3
- BIBL 216 New Testament Literature** 3
- or
- BIBL 215 Old Testament Literature** (3)
- Mathematics/Science with Lab 3
- Music/Art/Literature/Drama 3
- PHIL 150 Logic & Critical Thinking** 2

Major

- ACCT 203 Fundamentals of Accounting I** 3
- ACCT 204 Fundamentals of Accounting II** 3
- BADM 121 Introduction to Business 3
- BADM 221 Business Law 3
- BADM 222 Business Communication 3
- BADM 321 Principles of Management 3
- CAPP 130 Computer Applications 3
- ECON 229 Principles of Macroeconomics 3
- ECON 230 Principles of Microeconomics 3
- Electives in acting, business or computer apps 3
- Electives in acting, business or computer apps 3
- Electives in acting, business or computer apps** 3

Mishawaka Secondary School Personnel 2014–2015

Mishawaka High School (254-7300)

Jerome C. Calderone
Principal

John Ross
Assistant Principal

Bart Curtis
Assistant Principal

Dave Troyer
Assistant Principal

Jenifer Fisher
Attendance Coordinator

Melissa Raffelock [A – E]
Counselor

Susan Piper [F – La]
Counselor

Nancy Walton [Le – R]
Counselor

Katy Buda [S – Z]
Counselor

John Young Middle School (254-3600)

C. Mike Fisher
Principal

Michael Babcock
Assistant Principal

Ashley Litwin
Assistant Principal

Nancy Thomas
Counselor for Students A–G

(Suzy) Han Karbowski
Counselor for Students H–M

Laurie Schalliol
Counselor for Students N–Z



Mishawaka High School

1202 Lincoln Way East

Mishawaka, IN 46544

[574] 254-7300

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