

<p style="text-align: center;">Ivy Tech Community College High School Dual Credit Crosswalk Academic Year 2021-2022</p>	<p style="text-align: center;">Course Prerequisites</p>
<p>The following courses may be considered for high school-based dual credit if the course at the high school meets the following conditions:</p> <ol style="list-style-type: none"> The high school course is on the list of the Indiana Department of Education with an appropriate course number and description. Dual credit agreements are based on The Ivy Tech Community College policy requirements outlined in ASOM 4.3 with specific attention to the following: <ol style="list-style-type: none"> Prerequisites: All secondary students taking dual credit courses must meet the academic prerequisites for the course. Course content: Course syllabi used for high school-based dual credit courses must be comparable to course syllabi used in the same courses taught on an Ivy Tech campus, including class assignments, laboratory equipment and examinations. Textbooks shall be comparable. Student learning outcomes: Student learning outcomes must be the same as student learning outcomes expected for the same course taught on the Ivy Tech campus. Faculty credentials: High school faculty teaching a course for dual credit must meet the credential requirements of the Indiana Department of Education and of Ivy Tech Community College. Special Notes: <ol style="list-style-type: none"> If the specific learning objectives for an Ivy Tech course are achieved across multiple high school DOE courses, then the student enrolls in the Ivy Tech dual credit course in the semester in which mastery of the Ivy Tech subject matter and learning objectives is achieved. There is no limit to the number of credit hours a student may earn through dual credit programs. The sequence of courses must be consistent with Ivy Tech course pre-requisites. If the high school course qualifies under the requirements outlined above and ASOM 4.3, this crosswalk of courses must be followed. Core Transfer Library (CTL) courses are in bold font. Please note that the ITCC Dual Credit Crosswalk does not include all of the NLPS courses. 	<p>PROGRAM READY WRITING: A student is program ready in writing if he/she has one of the following: Knowledge Assessment (KA): Read/Write 70; ACCUPLACER NEXT GEN: Writing 257 OR 250+ AND Writeplacer 5; ACCUPLACER Standard: Sentence Skills 80; ITCC ACCUPLACER Diagnostic: Writeplacer 4; ACT: English 17; SAT 2016 and forward: Writing/Language Test 27; SAT 2016 and forward: Evidence-Based Read/Write 460; PSAT 10 (2016 and forward): Writing Skills 26; PSAT 10 (2016 and forward): Evidence-Based Read/Write 430; Current High School Transcript, cumulative, weighted OR unweighted GPA: 2.6 on a 4-point scale with Core 40 and four semesters completed.</p> <p>PROGRAM READY READING: Knowledge Assessment (KA): Read/Write 70; ACCUPLACER NEXT GEN: Reading 257; ACCUPLACER Standard: Reading 76; IDOE/ITCC ACCUPLACER Diagnostic: Reading 69; ACT: Reading 18; SAT 2016 and forward: 25 Reading Test; SAT 2016 and forward: Evidence-Based Read/Write 460; PSAT (2016 and forward): Critical Reading 25; PSAT 10 (2016 and forward): Evidence-Based Read/Write 430; Current High School Transcript, cumulative, weighted OR unweighted GPA: 2.6 on a 4-point scale with Core 40 and four semesters completed.</p> <p>PROGRAM READY MATH: See individual course; Knowledge Assessment (KA) Math Keys: KAQR = Knowledge Assessment Quantitative Reasoning; KASTEM = Knowledge Assessment Science, Technology, Engineering and Math; KACALC = Knowledge Assessment Calculus</p>

Crosswalk updates from 7/1/2021 to present are in yellow Scores are valid for four years after taken. College determines final placement.

School of Advanced Manufacturing, Engineering & Applied Science

Program	Ivy Tech Community College		Indiana Department of Education		Course Prerequisites
	Course Number	Title	DOE Number	DOE State Approved Course Title	
Advanced Automation Robotic Technology	ADMF 101	Key Principles of Advanced Manufacturing (MSSC)	4796 or 5608	Introduction to Advanced Manufacturing and Logistics or Advanced Manufacturing I	None

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			7108	Principles of Advanced Manufacturing	
Advanced Automation Robotic Technology	ADMF 102	Technology in Advanced Manufacturing (MSSC)	5606 5608 or 5610 or 5686 or	Advanced Manufacturing II or Advanced Manufacturing I or Industrial Automation and Robotics I or Industrial Technical Maintenance I	PREREQUISITE: ADMF 101 Key Principles of Advanced Manufacturing (MSSC)
			7103	Advanced Manufacturing Technology	
Advanced Automation Robotic Technology	ADMF 112	Mechanical Drives I	5608 or 5610 or 5612 or 5686	Advanced Manufacturing I or Industrial Automation and Robotics I or Industrial Automation and Robotics II or Industrial Technical Maintenance I	None
			7106 or 7261	Mechatronics System or Industrial Maintenance Capstone	
Advanced Automation Robotic Technology	ADMF 116	Industrial Robotics I	5610 or 5606	Industrial Automation and Robotics I or Advanced Manufacturing II or Advanced Manufacturing Industry 4.0 Capstone	None
			7222	Advanced Manufacturing - Industry 4.0 Capstone	
Advanced Automation Robotic Technology	ADMF 117	Motoman Robotic Programming	5606 or 5610	Advanced Manufacturing II or Industrial Automation and Robotics I	None

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Advanced Automation Robotic Technology	ADMF 122	Industrial Electrical II	4832 or 5694 or 5612 or 5618 or 5606 or 5688	Construction Trades: Elec. II or Electronics and Computer Tech II or Industrial Automation and Robotics II or Energy Industry II or Advanced Manufacturing II or Industrial Technical Maintenance II	PREREQUISITE/COREQUISITE: INDT 113 Basic Electricity
			7106 or 7260	Mechatronics System or Industrial Electrical Capstone	
Advanced Automation Robotic Technology	ADMF 222	Fluid Power II	5612 or 5686 or 5688	Industrial Automation and Robotics II or Industrial Technical Maintenance I or Industrial Technical Maintenance II	PREREQUISITE/COREQUISITE: INDT 104 Fluid Power Basics
			7261 or 7224	Industrial Management Capstone or Automation and Robotics Capstone	
Agriculture	AGRI 102	Agricultural Business and Farm Management	5002	Agribusiness Management	None
Agriculture	AGRI 103	Animal Science	5008	Animal Science	None
Agriculture	AGRI 104	Food Science	5102	Food Science	None
Agriculture	AGRI 105	Plant and Soil Science	5170	Plant and Soil Science	None
Agriculture	AGRI 106	Agriculture Mechanization	5088	Agriculture Power, Structure & Technology	None
Agriculture	AGRI 107	Advanced Animal Science	5070	Advanced Life Science, Animals	None
Agriculture	AGRI 108	Advanced Food Science	5072	Advanced Life Science, Foods	None
Agriculture	AGRI 109	Advanced Plant & Soil Science	5074	Advanced Life Science, Plants & Soils	None
Agriculture	AGRI 115	Natural Resources Management	5180	Natural Resources	None
Agriculture	AGRI 116	Survey of Horticulture	5132	Horticulture Science	None
Agriculture	AGRI 119	Sustainable and Alternative Energy	5229	Sustainable Energy Alternatives	None

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Agriculture	AGRI 129	Alternative Growing Methods	7114	Greenhouse and Soiless Production	None
Agriculture	AGRI 164	Landscape Design I	5136	Landscape Management I	None
			7115	Landscape and Turf Management	
Agriculture	AGRI 165	Turf Science	7115	Landscape and Turf Management	PREREQUISITE: AGRI 100 Introduction to Agriculture
Agriculture	AGRI 175	Introduction to Greenhouse Management	7114	Greenhouse and Soiless Production	None
Precision Agriculture Equipment Technology	AGRI 100	Introduction to Agriculture	6130 or	Advanced Career and Technical Education College Credit: Agriculture	None
			7117	Principles of Agriculture	
Precision Agriculture Equipment Technology	AGRI 117	Soil Science	6130 or	Advanced Career and Technical Education College Credit: Agriculture	None
			5170 or 5132	Plant and Soil Science or Horticulture Science	
Precision Agriculture Equipment Technology	AGRI 217	Soil Fertility	6130 or	Advanced Career and Technical Education College Credit: Agriculture or	None
			7113	Crop Management	
Precision Agriculture Equipment Technology	AGRI 223	Plant Pest ID and Control	6130	Advanced Career and Technical Education College Credit: Agriculture or	None
			7113	Crop Management	
Precision Agriculture Equipment Technology	PAET 100	Introduction to Precision Agriculture	6150	Agriculture: Special Topics	None
			7116	Precision Agriculture	

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Precision Agriculture Equipment Technology	PAET 107	Unmanned Aerial Systems in Precision Agriculture	6130	Advanced Career & Technical Education, College Credit; Agriculture or	None
			7116	Precision Agriculture	
Precision Agriculture Equipment Technology	PAET 280	CO-OP Internship	7236	Advanced Career & Technical Education, College Credit; Agriculture	PROGRAM ADVISOR APPROVAL
Automotive Technology	AUBR 100	Introduction to Collision Service	6128	Advanced CTE, College Credit: Transportation	None
			7215	Principles of Collision Repair	
Automotive Technology	AUBR 101	Body Repair I	5514	Automotive Collision Repair I	None
			7204	Automotive Body Repair	
Automotive Technology	AUBR 103	Automotive Paint Fundamentals	5544 or 7206	Automotive Collision Repair II or Plastic Body Repair and Paint Fundamentals	None
Automotive Technology	AUBR 125	Autobody Welding	7204	Collision Repair Fundamentals	None
Automotive Technology	AUBR 209	Collision Damage Appraising	7208	Collision Repair Capstone	None
Automotive Technology	AUBR 220	Fiberglass Plastic Repair	7206	Advanced Collision Repair	None
Automotive Technology	AUTI 100	Basic Automotive Service	5510 or 5620	Automotive Services Technology I or Diesel Service Technology I	None
			7213	Principles of Automotive Services	
Automotive Technology	AUTI 111	Electrical Systems I	5510 or 5546	Automotive Services Technology I or Automotive Services Technology II	PREREQUISITES/COREQUISITES: AUTI 100 Basic Automotive Service OR AUBR 100 Introduction to Collision Service OR TRCK 100 HD Truck Preventative Maintenance

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			7215 or 7213 or 7216	Principles of Collision Repair or Principles of Automotive Services or Principles of Diesel Services	
Automotive Technology	AUTI 121	Brake Systems	5510 or 5546	Automotive Services Technology I or Automotive Services Technology II	PREREQUISITE/COREQUISITE: AUTI 111 Electrical Systems I
			7205	Brake Systems	
Automotive Technology	AUTI 122	Steering and Suspension Systems	5510 or 5546	Automotive Services Technology I or Automotive Services Technology II	PREREQUISITE/COREQUISITE: AUTI 111 Electrical Systems I
			7212	Steering and Suspension	
Automotive Technology	AUTI 131	Engine Performance Systems I	5546	Automotive Services Technology II	PREREQUISITE: AUTI 111 Electrical Systems I
			7212	Steering and Suspension	
Automotive Technology	AUTI 141	Engine Fundamentals and Repair	5510 or 5546	Automotive Services Technology I or Automotive Services Technology II	PREREQUISITE/COREQUISITE: AUTI 100 Basic Automotive Service
			7209	Automotive Service Capstone	
Automotive Technology	AUTI 145	Driveline Service	5510 or 5546	Automotive Services Technology I or Automotive Services Technology II	PREREQUISITE/COREQUISITE: AUTI 100 Basic Automotive Service
			7205 or 7212	Automotive Brakes or Steering and Suspension	
Automotive Technology	AUTI 160	Diesel Engine Theory and Service	5624	Diesel Service Technology II	None
Automotive Technology	TRCK 100	Diesel Preventive Maintenance	5624	Diesel Service Technology II	None
			7216	Principles of Diesel Services	
Automotive Technology	TRCK 101	Truck Steering and Suspension Systems	5620	Diesel Service Technology I	None

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			7210	Diesel Steering and Brakes	
Automotive Technology	TRCK 121	Truck Brakes	5620 or 5624	Diesel Service Technology I or Diesel Service Technology II	None
			7210	Diesel Steering and Brakes	
Diesel Technology	TRCK 101	HD Truck Prevention Maintenance	7210	Diesel Steering and Brakes	None
Diesel Technology	TRCK 121	HD Truck Prevention Maintenance	7210	Diesel Steering and Brakes	None
Diesel Technology	TRCK 125	HT Transmission/ Differential	7211	Diesel Transmission and Engine Repair	None
Diesel Technology	TRCK 127	Engine Repair	7211	Diesel Transmission and Engine Repair	None
Aviation Technology	AVIT 111	Introduction to Aviation Technology	5528 or 6128	Aviation Operations or Advanced CTE, College Credit: Transportation or	None
			7214	Principles of Aviation Management	
Aviation Technology	AVIT 120	Private Pilot Theory	5524 or 6128	Aviation Flight or Advanced CTE, College Credit: Transportation	None
			7217	Private Pilot Theory	
Aviation Technology	AVIT 123	Part Time Private Pilot Training I	7217	Private Pilot Theory	None
Aviation Technology	AVIT 124	Part Time Private Pilot Training II	7217	Private Pilot Theory	None
Aviation Technology	AVIT 132	Aviation Operations	5528	Aviation Operations	PREREQUISITE: AVIT 111 Introduction to Aviation Technology
			7207	Aviation Safety and Operations	
Aviation Technology	AVIT 135	Aviation Safety Management Systems	5528 or 6128	Aviation Operations or Advanced CTE, College Credit: Transportation	PREREQUISITE: AVIT 111 Introduction to Aviation Technology
			7207	Aviation Safety and Operations	
Aviation Technology	AVIT 138	Aviation Weather Services	6128	Advanced CTE, College Credit: Transportation	None
			7207	Aviation Safety and Operations	

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Aviation Technology	AVIT 202	Instrument Pilot Theory	6128	Advanced CTE, College Credit: Transportation	PREREQUISITES: AVIT 120 Private Pilot Theory, AVIT 125 Private Pilot Flight Training, AND AVIT 205 Instrument Pilot Flight Training
			7218	Aviation Management Capstone	
Aviation Technology	AVIT 208	Air Traffic Control	6128	Advanced CTE, College Credit: Transportation	PREREQUISITE: AVIT 111 Introduction to Aviation Technology
			7218	Aviation Management Capstone	
Aviation Technology	AVIT 250	Multi-Engine/Commercial Theory	6128	Advanced CTE, College Credit: Transportation	PREREQUISITES: AVIT 202 Instrument Pilot Theory AND AVIT 205 Instrument Pilot Flight Training
Aviation Technology	AVIT 254	Aircraft Systems	6128	Advanced CTE, College Credit: Transportation	PREREQUISITES: AVIT 111 Introduction to Aviation Technology
Biotechnology	BIOT 100	Survey of Biotechnology	3090	No comparable DOE approved course. When BIOT 100 is taught, the Ivy Tech syllabus must be used and 3090 Advanced Science, College Credit is used for posting to the high school transcript.	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KAQR 55 ; KASTEM 50 ; ACCUPLACER NEXT GEN: QAS 237; ACCUPLACER NEXT GEN: AAF 200; ACCUPLACER Standard: Elementary Algebra 40 or Arithmetic 60; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 34; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2016): Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
Biotechnology	BIOT 102	Survey of Good Manufacturing Practices	3090	No comparable DOE approved course. When BIOT 102 is taught, the Ivy Tech syllabus must be used and 3090 Advanced Science, College Credit is used for posting to the high school transcript.	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KAQR 55 ; KASTEM 50 ; ACCUPLACER NEXT GEN: QAS 237; ACCUPLACER NEXT GEN: AAF 200; ACCUPLACER Standard: Elementary Algebra 40 or Arithmetic 60; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 34; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2016): Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
Building Construction Management	BCOM 102	Construction Blueprint Reading	5580 or 5498	Construction Trades I or Construction Trades: HVAC II	TBD; COR doesn't match Banner
Building Construction Management	BCOM 104	Construction Materials	5580	Construction Trades I	None

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Building Construction Technology	BCTI 100	Intro to Construction Technology	5580 or 5578 or 6132	Construction Trades I or Construction Trades II or Advanced CTE, College Credit: Transportation	None
			7130	Principles of Construction Trades	
Building Construction Technology	BCTI 101	Intro to Carpentry, Part 1	5580 or 5578	Construction Trades I or Construction Trades II	PREREQUISITE/COREQUISITE: BCTI 100 Intro to Construction Technology
			7123	Construction Trades: General Carpentry	
Building Construction Technology	BCTI 102	Intro To Carpentry, Part 2	5580 or 5578	Construction Trades I or Construction Trades II	PREREQUISITE/COREQUISITE: BCTI 101 Intro to Carpentry, Part 1
			7123	Construction Trades: General Carpentry	
Building Construction Technology	BCTI 103	Carpentry Framing and Finishing, Part 1	5580 or 5578	Construction Trades I or Construction Trades II	PREREQUISITE: BCTI 100 Intro to Construction Technology
			7122	Construction Trades: Framing and Finishing	
Building Construction Technology	BCTI 104	Carpentry Framing and Finishing, Part 2	5580 or 5578	Construction Trades I or Construction Trades II	PREREQUISITE/COREQUISITE: BCTI 103 Carpentry Framing and Finishing, Part 1
			7122	Construction Trades: Framing and Finishing	
Building Construction Technology	BCTI 110	Intro to Concrete Finishing	5580 or 6132	Construction Trades I or Advanced CTE, College Credit: Transportation	PREREQUISITE: BCTI 100 Intro to Construction Technology
			7121	Civil Construction Fundamentals	
Building Construction Technology	BCTI 120	Intro to Heavy Highway Construction	7121	Civil Construction Fundamentals	PREREQUISITE/COREQUISITE: BCTI 100 Intro to Construction Technology
Building Construction Technology	BCTI 121	Basic Rigging	7118	Advanced Civil Construction	PREREQUISITE: BCTI 100 Intro to Construction Technology
Building Construction Technology	BCTI 122	Heavy Highway Construction, Part 1	7240	Civil Construction Capstone	PREREQUISITE: BCTI 120 Intro to Heavy Highway Construction
Building Construction Technology	BCTI 123	Heavy Highway Construction, Part 2	7240	Civil Construction Capstone	PREREQUISITE/COREQUISITE: BCTI 122 Heavy Highway Construction, Part 1

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Building Construction Technology	BCTI 130	Intro to Electrical	4830 or 4832	Construction Trades: Elec. I or Construction Trades: Elec. II	None
			7124	Electrical Fundamentals	
			7131	Principles of Heating, Ventilation, and Air Conditioning (HVAC)	
			7242	Construction Trades Capstone	
Building Construction Technology	BCTI 131	Electrical, Part 1	4832	Construction Trades: Elec. II	PREREQUISITE: BCTI 130 Intro to Electrical
			7119	Advanced Electrical	
Building Construction Technology	BCTI 132	Electrical, Part 2	4832	Construction Trades: Elec. II	PREREQUISITE/COREQUISITE: BCTI 131 Electrical, Part 1
			7119	Advanced Electrical	
Building Construction Technology	BCTI 140	Intro to Masonry	5580 or 6132	Construction Trades I or Advanced CTE, College Credit: Architecture and Construction	PREREQUISITE: BCTI 100 Intro to Construction Technology
Building Construction Technology	BCTI 150	Intro to Plumbing, Part 1	5580	Construction Trades I	PREREQUISITE: BCTI 100 Intro to Construction Technology
			7133	Principles of Plumbing and Pipefitting	
Building Construction Technology	BCTI 151	Intro to Plumbing, Part 2	5578	Construction Trades II	PREREQUISITE/COREQUISITE: BCTI 150 Introduction to Plumbing, Part 1
			7133	Principles of Plumbing and Pipefitting	
Building Construction Technology	BCTI 160	Intro to Site Layout	7240	Civil Construction Capstone	None
Building Construction Technology	BCTI 201	Carpentry Forms, Part I	5580 or 5578	Construction Trades I or Construction Trades II	PREREQUISITE: BCTI 100 Intro to Construction Technology
			7242	Construction Trades Capstone	
Building Construction Technology	BCTI 202	Carpentry Forms, Part 2	6132	Advanced CTE, College Credit: Architecture and Construction	PREREQUISITE/COREQUISITE: BCTI 201 Carpentry Forms, Part 1
			7242	Construction Trades Capstone	
Building Construction Technology	BCTI 231	Intermediate Electrical, Part I	7263	Construction Trades Electrical Capstone	PREREQUISITE: BCTI 130 Introduction to Electrical

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Building Construction Technology	BCTI 232	Intermediate Electrical, Part II	7263	Construction Trades Electrical Capstone	PREREQUISITE/COREQUISITE: BCTI 231 Intermediate Electrical, Part 1.
Building Construction Technology	BCTI 280	CO-OP Internship	7242	Construction Trades Capstone	PREREQUISITES: Program Advisor Approval
Design Technology	DESN 101	Intro to Design Technology	4800 or 4836 or 5640	Computers in Design and Production or Mechanical Drafting and Design I or Architectural Drafting I	None
			7202 or 4802	Manufacturing Principles and Design or Introduction to Engineering Design	
Design Technology	DESN 104	Mechanical Graphics	4838	Mechanical Drafting & Design II	PREREQUISITE: DESN 101 Intro to Design Technology
			5644 or 7196	Principles of Engineering or Mechanical and Architectural Design	
Design Technology	DESN 105	Architectural Design I	5652	Architectural Drafting and Design II	PREREQUISITE: DESN 101 Intro to Design Technology
			5650 or 7196	Civil Engineering and Architecture or Mechanical and Architectural Design	
Design Technology	DESN 113	2D Computer-Aided Design (CAD)	4836 or 5640	Mechanical Drafting & Design I or Architectural Drafting I	PREREQUISITE/COREQUISITE: DESN 101 Intro to Design Technology
			4802	Introduction to Engineering Design	
Design Technology	DESN 195	Manufacturing Principles & Design	7223	Mechanical Design Capstone	PREREQUISITE: DESN 113 Computer Aided Design.
Design Technology	DESN 220	3D Computer-Aided Design	7197 or 7202	BIM Architecture or Manufacturing Principles and Design	None
Environmental Design	EDSN 101	Design Fundamentals	7132	Principles of Interior Design	None
Design Technology	EDSN 103	Introduction to Environmental Design	5654 or 6132	Architecture and Construction: Special Topics or Advanced CTE, College Credit: Architecture and Construction	PREREQUISITES/COREQUISITES: EDSN 107 Design and Construction Graphics AND READING: Program Ready - see page 1

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			7127	Interior Design Fundamentals	
Environmental Design	EDSN 104	Textiles for Interiors	7128	Materials, Finishes & Design	None
Environmental Design	EDSN 107	Design and Construction Graphics	7127	Interior Design Fundamentals	PREREQUISITES: Demonstrated competency through appropriate assessment to meet MATH eligibility
Environmental Design	EDSN 108	Environmental Design and Space Planning	7248	Interior Design Capstone	PREREQUISITES: EDSN 103 Introduction to Environmental Design AND EDSN 107 Design and Construction Graphics
Environmental Design	EDSN 115	Basic CAD for Environmental Designers	7248	Interior Design Capstone	PREREQUISITE: EDSN 107 Design and Construction Graphics
Environmental Design	EDSN 201	Materials and Finishes	7128	Materials, Finishes & Design	PREREQUISITES: EDSN 107 Design and Construction Graphics AND EDSN 103 Introduction to Environmental Design
Electronics & Computer Technology	EECT 101	Intro to Electronics & Projects	5684	Electronics and Computer Tech I	None
Electronics & Computer Technology	EECT 112	Digital Fundamentals	5694 or 5538	Electronics and Computer Tech II or Digital Electronics	MATH: KASTEM 70 ; KACALC 95+ (Calculus); ACCUPLACER NEXT GEN: AAF 250; ACCUPLACER Standard: Elementary Algebra 74; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 70; ACT 20 Math; SAT 2016: Math 510; PSAT 10 (2015) Mathematics 25 (GPA does not apply for this MATH requirement.)
Energy Technology	ENRG 100	Energy Industry Fundamentals	5616 or 7203	Energy Industry I or Principles of Energy Technology	None
Energy Technology	ENRG 107	Transmission and Distribution of Electric Power	7198	Electrical Power and Distribution	PREREQUISITE: INDT 113 Basic Electricity OR ADMF 113 Electricity and Elctronic Principles
Energy Technology	ENRG 112	Electrical Power Distribution	7198	Electrical Power and Distribution	None
Energy Technology	SUST 100	Introduction to Renewable Energy Systems	5229	Sustainable Energy Alternatives	None
Energy Technology	SUST 101	Wind Power	6126	No comparable DOE course. When SUST 101 is taught, 6146 Advanced Career and Technical Education, college credit is used for posting to the high school transcript	None
			7269	Industrial Wind Capstone	

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Energy Technology	SUST 123	Fundamentals of Biofuel Production	6126	No comparable DOE course. When SUST 123 is taught, 6146 Advanced Career and Technical Education, college credit is used for posting to the high school transcript.	None
Heating and Cooling	HVAC 100	Introduction to HVAC Technology	5496	Construction Trades: HVAC I	None
			7131	Principles of Heating, Ventilation, and Air Conditioning (HVAC)	
Heating and Cooling	HVAC 101	Heating Fundamentals	5496	Construction Trades: HVAC I	None
			7125	HVAC Fundamentals	
Heating and Cooling	HVAC 103	Refrigeration I	5496	Construction Trades: HVAC I	None
			7125	HVAC Fundamentals	
Heating and Cooling	HVAC 107	Duct Fabrication & Installation	5498	Construction Trades: HVAC II	None
			7244	HVAC Capstone	
Heating and Cooling	HVAC 120	Basic Carpentry and Building Maintenance	5496 or 6132	Construction Trades: HVAC I or Advanced CTE, College Credit: Architecture and Construction	None
Heating and Cooling	HVAC 122	General Maintenance	5496 or 6132	Construction Trades: HVAC I or Advanced CTE, College Credit: Architecture and Construction	None
Heating and Cooling	HVAC 202	Electrical Controls and Circuits	6132	Advanced CTE, College Credit: Architecture and Construction	PREREQUISITES: HVAC 101 Heating Fundamentals AND HVAC 103 Refrigeration I AND BCTI 130 Introduction to Electrical OR INDT 113 Basic Electricity
			7126	HVAC Service	

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Heating and Cooling	HVAC 208	Heating Service	6132 or	Advanced CTE, College Credit: Architecture and Construction	PREREQUISITES: HVAC 101 Heating Fundamentals AND BCTI 130 Introduction to Electrical OR INDT 113 Basic Electricity
			7126 or 7244	HVAC Service or HVAC Capstone	
Heating and Cooling	HVAC 211	Refrigeration II	6132	Advanced CTE, College Credit: Architecture and Construction	PREREQUISITES: HVAC 103 Refrigeration II AND BCTI 130 Introduction to Electrical OR INDT 113 Basic Electricity
			7126	HVAC Service	
Industrial Technology	INDT 103	Motors & Motor Controls	5686 or 5688	Industrial Technical Maintenance I or Industrial Automation and Robotics	PREREQUISITES: INDT 113 Basic Electricity OR EECT 111 Introduction to Circuits Analysis
			7102	Industrial Electrical Fundamentals	
			7200	Fundamentals of Electricity and Motors	
Industrial Technology	INDT 104	Fluid Power I	5686 or 5610	Industrial Technical Maintenance I or Industrial Automation and Robotics I	None
			7224	Automation and Robotics Capstone	
			7266	Natural Gas Capstone	
Industrial Technology	INDT 113	Industrial Electrical I	4830 or 5608 or 5610 or 5616 or 5684 or 5688	Construction Trades: Elec. I or Advanced Manufacturing I or Industrial Automation and Robotics I or Energy Industry I or Electronics and Computer Tech. I or Industrial Technical Maintenance II	None
			7103 or 7200	Advanced Manufacturing Technology or Fundamental of Electricity and Motors	
Industrial Technology	INDT 114	Introductory Welding	5776	Welding Technology I	None

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			7104 or 7261	Machinery Installation and Maintenance or Industrial Maintenance Capstone	
Industrial Technology	INDT 125	Industrial Wiring	7102	Industrial Electrical Fundamentals	PREREQUISITE: INDT 113 Basic Electricity OR EECT 111 Introduction to Circuits Analysis
			7268	Electrical Line Capstone	
Industrial Technology	INDT 203	Machine Maintenance and Installation	5610 or 5612 or 5686 or 5688	Industrial Automation and Robotics I or Industrial Automation and Robotics II or Industrial Technical Maintenance I or Industrial Technical Maintenance II	None
			7224 or 7104	Automation and Robotics Capstone or Machining Installation and Maintenance	
Industrial Technology	INDT 205	Programmable Automation Controls I	5606 or 5610 or 5612 or 5688	Advanced Manufacturing II or Industrial Automation and Robotics I or Industrial Automation Robotics II or Industrial Technical Maintenance II	PREREQUISITE: INDT 113 Basic Electricity OR EECT 111 Introduction to Circuits Analysis
			7260 or 7222 or 7224	Industrial Electrical Capstone or Advanced Manufacturing Industrial - 4.0 Capstone or Automation and Robotics Capstone	
Machine Tool Technology	MTTC 101	Intro to Machining	5782 or 5608	Precision Machining I or Advanced Manufacturing I	None

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			7261 or 7104 or 7109	Industrial Maintenance Capstone or Machinery Installation and Maintenance or Principles of Precision Machining	
Machine Tool Technology	MTTC 102	Turning Processes I	5782 6146	Precision Machining I or Advanced CTE, College Credit: Advanced Manufacturing	PREREQUISITE/COREQUISITE: MTTC 101 Intro to Machining
			7105	Precision Machine Fundamentals	
Machine Tool Technology	MTTC 103	Milling Processes I	5782 or 6146	Precision Machining I or Advanced CTE, College Credit: Advanced Manufacturing	PREREQUISITE/COREQUISITE: MTTC 101 Intro to Machining
			7105	Precision Machining Fundamentals	
Machine Tool Technology	MTTC 105	Abrasive Processes I	5784 or 6146	Precision Machining II or Advanced CTE, College Credit: Advanced Manufacturing	PREREQUISITE/COREQUISITE: MTTC 101 Intro to Machining
			7107	Advanced Precision Machining	
Machine Tool Technology	MTTC 106	Print Interpretation	5782 or 5784	Precision Machining I or Precision Machining II	None
			7109	Principles of Precision Machining	
Machine Tool Technology	MTTC 107	CNC Set Up and Operations I	5784 or 5606	Precision Machining II or Advanced Manufacturing II	PREREQUISITE/COREQUISITE: MTTC 101 Intro to Machining
			7219	Precision Machining Capstone	
Machine Tool Technology	MTTC 110	Turning & Milling Processes	5782	Advanced Precision Machining	None
			7107	Advanced Precision Machining	

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Machine Tool Technology	MTTC 110	Turning & Milling Processes	5784	Precision Machining II	None
Machine Tool Technology	MTTC 208	CNC Mill Programming	6146	Advanced CTE, College Credit: Advanced Manufacturing	PROGRAM CHAIR APPROVAL
			7219	Precision Machining Capstone	
Machine Tool Technology	MTTC 209	CNC Lathe Programming	6146	Advanced CTE, College Credit: Advanced Manufacturing	PROGRAM CHAIR APPROVAL
			7219	Precision Machining Capstone	
Manufacturing, Production, Operations	MPRO 100	Introduction to Plant Floor and CNC Principles	4796	HIRE Technology/Introduction to Advanced Manufacturing and Logistics	None
Manufacturing, Production, Operations	MPRO 102	Introduction to Print Reading	5608	HIRE Technology/Advanced Manufacturing I	None
Manufacturing, Production, Operations	MPRO 106	Intro to the Workplace and Safety	4796	HIRE Technology/Introduction to Advanced Manufacturing and Logistics	None
Manufacturing, Production, Operations	MPRO 122	Mechatronics Electrical Systems	5608	HIRE Technology/Advanced Manufacturing I	None
Manufacturing, Production, Operations	MPRO 201	Lean Manufacturing	5608	HIRE Technology/Advanced Manufacturing I	None
Project Lead The Way	PLTW DESN 101	Intro to Design Technology	4802	Introduction to Engineering Design (IED)	None
Project Lead The Way	PLTW DESN 104	Mechanical Graphics	5644	Principles of Engineering (POE)	PREREQUISITE: DESN 101 Intro to Design Technology
Project Lead The Way	PLTW DESN 105	Architectural Design I	5650	Civil Engineering and Architecture (CEA)	PREREQUISITE: DESN 101 Intro to Design Technology
Project Lead The Way	PLTW DESN 113	2D Computer-Aided Design	4802	Introduction to Engineering Design (IED)	PREREQUISITE/COREQUISITE: DESN 101 Intro to Design Technology

Project Lead The Way	PLTW EECT 112	Digital Fundamentals	5538	Digital Electronics (DE)	MATH: KASTEM 70 ; KACALC 95+ (Calculus); ACCUPLACER NEXT GEN: AAF 250; ACCUPLACER Standard: Elementary Algebra 74; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 70; ACT 20 Math; SAT 2016: Math 510; PSAT 10 (2015) Mathematics 25 (GPA does not apply for this MATH requirement.)
Smart Manufacturing & Digital Manufacturing	SMDI 110	Introduction of IIOT	7220	Principles of Industry 4.0 and Digital Manufacturing	None
Smart Manufacturing & Digital Manufacturing	SMDI 111	Technology in Smart Manufacturing & Digital Manufacturing	4728	Robotics Design and Innovation	PREREQUISITE/COREQUISITE: SMDI 110 Introduction of IIOT
Smart Manufacturing & Digital Manufacturing	SMDI 120	3D CAD/CAM	7100	Digital Manufacturing Systems	Not listed in COR Database yet
Smart Manufacturing & Digital Manufacturing	SMDI 130	Electrical Systems in Manufacturing	7100	Digital Manufacturing Systems	Not listed in COR Database yet
Welding	WELD 100	Welding Fundamentals	5776	Welding Technology I	None
			7110	Principles of Welding Technology	
Welding	WELD 108	Shielded Metal Arc Welding I	5776	Welding Technology I	None
			7111	Shielded Metal Arc Welding	
Welding	WELD 109	Oxy-Fuel Gas Welding & Cutting	5778	Welding Technology II	None
Welding	WELD 206	Advanced Shielded Metal Arc Welding II	5776	Welding Technology I	PREREQUISITE/COREQUISITE: WELD 108 Shielded Metal Arc Welding I
			7111	Shielded Metal Arc Welding	
Welding	WELD 207	Gas Metal Arc (MIG) Welding	5778	Welding Technology II	None
			7101	Gas Welding Process	
Welding	WELD 208	Gas Tungsten Arc (TIG) Welding	5778 or	Welding Technology II or	None
			7226 or 7101	Welding Technology Capstone or Gas Welding Process	
Welding	WELD 272	Advanced Gas Metal Arc (MIG) Welding	5778	Welding Technology II	PREREQUISITE/COREQUISITE: WELD 207 Gas Metal Arc (MIG) Welding
			7101	Gas Welding Process	
Welding	WELD 273	Advanced Gas Tungsten Arc Welding II	5778 or 7226	Welding Technology II or Welding Technology Capstone	PREREQUISITE/COREQUISITE: WELD 208 Gas Tungsten Arc (TIG) Welding
			7101	Gas Welding Process	
School of Arts, Sciences & Education					
Program	Ivy Tech Community College		Indiana Department of Education		Course Prerequisites
	Course Number	Title	DOE Number	DOE State Approved Course Title	

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Fine Arts	ARTS 100	Life & Object Drawing I	4048 or 4060	AP Drawing or Drawing (L)	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Fine Arts	ARTS 102	Color and Design Theory I	4050	AP 2-D Art and Design	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Fine Arts	ARTS 103	Three-Dimensional Design	4052	AP 3-D Art and Design	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Early Childhood Education	ECED 100	Introduction to Early Childhood Education	5412	Early Childhood Education I	WRITING: KARW 70 ; ACCUPLACER NEXT GEN: Writing 237; ACCUPLACER Standard: Sentence Skills 60; ACCUPLACER Diagnostic: WritePlacer 2; ACT: English 17; SAT 2016: Writing/Language 27; SAT 2016: Ev-Based Read/Writing 460; PSAT 10 (2016): Writing Skills 26; PSAT 10 (2016): Ev-Based Read/Write 430; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed. READING: KARW 70 ; ACCUPLACER NEXT GEN: Reading 237; ACCUPLACER Standard: Reading 55; IDOE/ITCC ACCUPLACER Diagnostic: Reading 25; ACT: Reading 18; SAT 2016: Reading Test 25; SAT 2016 Ev-Based Read/Write 460; PSAT 10 (2016): Critical Reading 25; PSAT 10 (2016): Ev-Based Read/Write 430; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
			7160	Principles of Early Childhood Education	
Early Childhood Education	ECED 101	Health, Safety, and Nutrition	5412	Early Childhood Education I	WRITING: KARW 70 ; ACCUPLACER NEXT GEN: Writing 237; ACCUPLACER Standard: Sentence Skills 60; ACCUPLACER Diagnostic: WritePlacer 2; ACT: English 17; SAT 2016: Writing/Language 27; SAT 2016: Ev-Based Read/Writing 460; PSAT 10 (2016): Writing Skills 26; PSAT 10 (2016): Ev-Based Read/Write 430; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed. READING: KARW 70 ; ACCUPLACER NEXT GEN: Reading 237; ACCUPLACER Standard: Reading 55; IDOE/ITCC ACCUPLACER Diagnostic: Reading 25; ACT: Reading 18; SAT 2016: Reading Test 25; SAT 2016 Ev-Based Read/Write 460; PSAT 10 (2016): Critical Reading 25; PSAT 10 (2016): Ev-Based Read/Write 430; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
			7160	Principles of Early Childhood Education	
Early Childhood Education	ECED 103	Curriculum in Early Childhood Classroom	5412 or 5406	Early Childhood Education I or Early Childhood Education II	WRITING: KARW 70 ; ACCUPLACER NEXT GEN: Writing 237; ACCUPLACER Standard: Sentence Skills 60; ACCUPLACER Diagnostic: WritePlacer 2; ACT: English 17; SAT 2016: Writing/Language 27; SAT 2016: Ev-Based Read/Writing 460; PSAT 10 (2016): Writing Skills 26; PSAT 10 (2016): Ev-Based Read/Write 430; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed. READING: KARW 70 ; ACCUPLACER NEXT GEN: Reading 237; ACCUPLACER Standard: Reading 55; IDOE/ITCC ACCUPLACER Diagnostic: Reading 25; ACT: Reading 18; SAT 2016: Reading Test 25; SAT 2016 Ev-Based Read/Write 460; PSAT 10 (2016): Critical Reading 25; PSAT 10 (2016): Ev-Based Read/Write 430; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
			7158	Early Childhood Education Curriculum	
Early Childhood Education	ECED 105	CDA Process	5406	Early Childhood Education II	PREREQUISITES: 480 hours of work experience with a specific age group (0-5) within the last 5 years and Program Chair Approval
			7259	Early Childhood Education Capstone	

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Early Childhood Education	ECED 120	Child Growth and Development	5408	Education Professions I	PREREQUISITE: ENGL 111 English Composition
			7259	Early Childhood Education Capstone	
Early Childhood Education	ECED 130	Developmentally Appropriate Guidance in a Cultural Context	7159	Early Childhood Education Guidance	PREREQUISITE: Demonstrated readiness for developmental English
Education	EDUC 101	Introduction to Teaching	5408	Education Professions I	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7161	Principles of Teaching	
Education	EDUC 121	Child and Adolescent Development	5408	Education Professions I	None
			7157	Child and Adolescent Development	
Education	EDUC 230	The Exceptional Child	5404	Education Professions II	PREREQUISITES: EDUC 101 Introduction to Teaching OR SPED 102 Introduction to Inclusive Teaching AND ECED 120 Child Growth and Development or EDUC 121 Child and Adolescent Development
Education	EDUC 233	Literacy Development through Children's Literature	5404	Education Professions II	PREREQUISITES: EDUC 101, Introduction to Teaching OR SPED 102, Introduction to Inclusive Teaching
			7267	Education Professions Capstone	
Visual Communications	PHOT 104	Basic Photography	5570	Commercial Photography	None
			7140	Principles of Digital Design	
Visual Communications	PHOT 107	Photography II	7136	Professional Photography and Videography	PREREQUISITE: PHOT 104 Basic Photography
Visual Communications	VIDT 210	Production Editing I	5992	Radio and Television II	PREREQUISITE: VISC 105 Video & Sound
			7246	Digital Design Capstone	
Visual Communications	VISC 101	Design Fundamentals	4050 or 4834	AP 2-D Art and Design or Design Fundamentals	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7140	Principles of Digital Design	
			7132	Principles of Interior Design	
Visual Communications	VISC 102	Raster Graphics I	4082 or 4086 or 5550	Digital Design or Visual Communications or Graphic Design and Layout	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1

			7138 or 7141	Interactive Media Design or Digital Design Graphics	
Visual Communications	VISC 105	Video & Sound	5232 or 5986	Interactive Media or Radio and Television I	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7138	Interactive Media Design	
			7139	Principles of Radio and TV	
			7141 or 7136	Digital Design Graphics Professional Photography and Videography	
Visual Communications	VISC 110	Introduction to Web & Social Media	4574	Web Design	PREREQUISITE: VISC 101 Fundamentals of Design, and VISC 115 Introduction to Computer Graphics OR VISC 102 Fundamentals of Imaging
			7138	Interactive Media Design	
Visual Communications	VISC 111	Drawing for Visualization	4048 or 4060	AP Drawing or Drawing	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Visual Communications	VISC 115	Vector Graphics and Publication Design I	4082 or 4086 or 5232 or 4516 or 5550	Digital Design or Visual Communication or Interactive Media or Computer Illustration and Graphics or Graphic Design and Layout	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7140 or 7141	Principles of Digital Design or Digital Design Graphics	
School of Business, Logistics, & Supply Chain					
Program	Ivy Tech Community College		Indiana Department of Education		Course Prerequisites
	Course Number	Title	DOE Number	DOE State Approved Course Title	
Accounting	ACCT 101	Financial Accounting	4524 or 4524 or 4522	Intro to Accounting or Accounting Fundamentals or Advanced Accounting	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KAQR 55; KASTEM: 50, KACALC: 95 ; ACCUPLACER NEXT GEN: QAS 237; ACCUPLACER NEXT GEN: AAF 237; ACCUPLACER Standard: Elementary Algebra 40; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 45; ACT: Math 18 ; SAT 2016 Math 500; PSAT 10 (2016): Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
Accounting	ACCT 102	Managerial Accounting	7252	Accounting Capstone	PREREQUISITE: ACCT 101 Financial Accounting

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Accounting	ACCT 106	Payroll Accounting	4522	Advanced Accounting	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KAQR 55; KASTEM: 50, KACALC: 95 ; ACCUPLACER NEXT GEN: QAS 237; ACCUPLACER NEXT GEN: AAF 237; ACCUPLACER Standard: Elementary Algebra 40; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 45; ACT: Math 18 ; SAT 2016 Math 500; PSAT 10 (2016): Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
Accounting	ACCT 118	Financial Concepts for Accounting	5258	Banking and Investment Capstone	None
Accounting	ACCT 122	Accounting Systems Applications	4522	Advanced Accounting	None
Accounting	ACCT 205	Income Tax	7252	Accounting Capstone	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KAQR 55; KASTEM: 50, KACALC: 95 ; ACCUPLACER NEXT GEN: QAS 237; ACCUPLACER NEXT GEN: AAF 237; ACCUPLACER Standard: Elementary Algebra 40; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 45; ACT: Math 18 ; SAT 2016 Math 500; PSAT 10 (2016): Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
Business Operations Applications Technology	BOAT 101	Microsoft Outlook	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, & Entrepreneurship	None
			7153	Principles of Business Operation and Technology	
Business Operations Applications Technology	BOAT 105	Microsoft Word	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, & Entrepreneurship	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7144	Business Office Communication	
Business Operations Applications Technology	BOAT 109	Microsoft PowerPoint	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, & Entrepreneurship	None
			7144	Business Office Communications	

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Business Operations Applications Technology	BOAT 121	Team Dynamics and Today's Workplace	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, & Entrepreneurship	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7153	Principles of Business Operations and Technology	
Business Operations Applications Technology	BOAT 201	Emerging Technologies	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, & Entrepreneurship	PREREQUISITE: BOAT 121 Team Dynamics and Today's Workplace
			7254	Business Operations and Technology Capstone	
Business Operations Applications Technology	BOAT 207	Integrated Microsoft Office Applications	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, & Entrepreneurship	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KAQR 55; KASTEM 50; KACALC 95 ; ACCUPLACER NEXT GEN: QAS 237; ACCUPLACER NEXT GEN: AAF 237; ACCUPLACER Standard: Elementary Algebra 40 ; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 45; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2016): Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
			7153 or 4562	Principles of Business Operations and Technology or Principles of Business Management	
Business Operations Applications Technology	BOAT 214	Microsoft Project	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, & Entrepreneurship	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7146	Digital Data Applications	
Business Operations Applications Technology	BOAT 216	Business Communications	5968	Business, Marketing, & Entrepreneurship: Special Topics	PREREQUISITE: ENGL 111 English Composition
			7144	Business Office Communications	
Business Operations Applications Technology	BOAT 218	Microsoft Excel	5968	Business, Marketing, & Entrepreneurship: Special Topics	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KAQR 55; KASTEM 50; KACALC 95 ; ACCUPLACER NEXT GEN: QAS 237; ACCUPLACER NEXT GEN: AAF 237; ACCUPLACER Standard: Elementary

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			7146	Digital Data Applications	Algebra 40 ; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 45; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2016): Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
Business Operations Applications Technology	BOAT 222	Microsoft Access	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, & Entrepreneurship	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KAQR 55; KASTEM 50; KACALC 95 ; ACCUPLACER NEXT GEN: QAS 237; ACCUPLACER NEXT GEN: AAF 200; ACCUPLACER Standard: Elementary Algebra 40 or Arithmetic 60; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 34; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2016): Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
			7146	Digital Data Applications	
Business	BUSN 101	Introduction to Business	4562	Principles of Business Management	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7152	Principles of Business	
Business	BUSN 105	Principles of Management	5268	Administrative and Office Management	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7143 or 7201 or 7155	Management Fundamentals or Business Management Capstone or Logistics Management	
Business Admin	BUSN 160	Introduction to Insurance	7149	Insurance Fundamentals	None
Business	BUSN 201	Business Law	4560	Business Law and Ethics	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7256 or 7143 or 7201	Business Administration Capstone or Management Fundamentals or Business Management Capstone	
Business Admin	BUSN 202	Human Resource Management	7526	Business Administration Capstone	PREREQUISITE: BUSN 105 Principles of Management
Business Admin	BUSN 207	Introduction to International Business	7526	Business Administration Capstone	PREREQUISITE: BUSN 101 Introduction to Business
Business Admin	BUSN 262	Personal Insurance	7151	Personal and Commercial Insurance	PREREQUISITE: BUSN 160 Introduction to Insurance
Business Admin	BUSN 264	Commercial Insurance	7151	Personal and Commercial Insurance	PREREQUISITE: BUSN 160 Introduction to Insurance

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Business	MKTG 101	Principles of Marketing	5914	Marketing Fundamentals	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KAQR 55; KASTEM 50 ; ACCUPLACER NEXT GEN: QAS 250; ACCUPLACER Standard: Elementary Algebra 40 or Arithmetic 60; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 45; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2016); Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
Business Admin	MKTG 102	Principles of Selling	5914	Marketing Fundamentals	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7149	Insurance Fundamentals	
Business Admin	MKTG 201	Introduction to Market Research	5918	Strategic Marketing	PREREQUISITE: MKTG 101 Principles of Marketing
Business	MKTG 230	Consumer Behavior	5918	Strategic Marketing	PREREQUISITE: MKTG 101 Principles of Marketing
Business Admin	MKTG 252	Introduction to Digital Marketing	7145	Digital Marketing	None
Business Admin	MKTG 257	Digital Marketing Management	7145	Digital Marketing	PREREQUISITE: MKTG 252 Introduction to Digital Marketing
Office Administration	CINS 101	Introduction to Microcomputers	4562 or 4528	Principles of Business Management or Digital Applications and Responsibility	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Entrepreneurship	ENTR 100	Entrepreneurial Foundation	7154	Principles of Entrepreneurship	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Entrepreneurship	ENTR 101	The Entrepreneur and The Enterprise	5966	Entrepreneurship and New Ventures Capstone	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KASTEM 50; KACALC 95 ; ACCUPLACER NEXT GEN: QAS 237; ACCUPLACER NEXT GEN: AAF 237; ACCUPLACER Standard: Elementary Algebra 40; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 45; ACT: Math 18 ; SAT 2016: Math 500; PSAT 10 (2015) Mathematics 24.5 ; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
			7154	Principles of Entrepreneurship	
Entrepreneurship	ENTR 105	Entrepreneurial Marketing and Market Research	5966	Entrepreneurship and New Ventures Capstone	PREREQUISITES/COREQUISITES: ENTR 101, The Entrepreneur and the Enterprise OR BUSN 101, Introduction to Business
			7148	New Ventures Development	
Entrepreneurship	ENTR 200	Entrepreneurial Mindset	7154	Principles of Entrepreneurship	PREREQUISITE: ENTR 100 Entrepreneurial Foundation
Entrepreneurship	ENTR 201	Venture Growth and Development	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, & Entrepreneurship	PREREQUISITE: ENTR 101 The Entrepreneur and the Enterprise

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			7526	Business Administration Capstone	
Entrepreneurship	ENTR 210	Entrepreneurial Tax and Finance	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, & Entrepreneurship	PREREQUISITE: ENTR 205 Financial Management for Entrepreneurs
			7147	Small Business Operation	
Entrepreneurship	ENTR 215	New Venture Launch	7148	New Ventures Development	PREREQUISITE: ENTR 200 Entrepreneurial Mindset
Entrepreneurship	ENTR 220	Small Business Operations	7147	Small Business Operation	PREREQUISITE: ENTR 215 New Venture Development
Entrepreneurship	ENTR 250	New Venture Development	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, & Entrepreneurship	PREREQUISITES: ENTR 105 Entrepreneurial Marketing and Market Research AND ENTR 205 Financial Management for Entrepreneurs
Supply Chain Management/Logistics	LOGM 127	Introduction to Logistics	7155	Supply Chain Management	None
Supply Chain Management/Logistics	LOGM 201	Logistics Quality and Lean Management	5602	Warehouse Operations and Materials Handling	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KASTEM 50 ; KACALC 95 ; ACCUPLACER NEXT GEN: QAS 237; ACCUPLACER NEXT GEN: AAF 237; ACCUPLACER Standard: Elementary Algebra 40; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 45; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2015) Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
			7258	Supply Chain Management Capstone	
Supply Chain Management/Logistics	LOGM 214	Project Management	5601	Supply Chain Management and Logistics	PREREQUISITE: BOAT 214 Microsoft Project
Supply Chain Management/Logistics	LOGM 227	Supply Chain Management	5601	Supply Chain Management and Logistics	None
			7142	Supply Chain Management	
Supply Chain Management/Logistics	LOGM 228	Principles of Procurement	5601	Supply Chain Management and Logistics	None

			7142 7258	Supply Chain Management Supply Chain Management Capstone	
Supply Chain Management/Logistics	LOGM 229	Transportation Systems	5602	Warehouse Operations and Materials Handling	None
			7142	Supply Chain Management	
Supply Chain Management/Logistics	LOGM 267	Operations Management	5601	Supply Chain Management and Logistics	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KASTEM 50 ; KACALC 95 ; ACCUPLACER NEXT GEN: QAS 237; ACCUPLACER NEXT GEN: AAF 237; ACCUPLACER Standard: Elementary Algebra 40; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 45; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2015) Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
			7142 or 7258	Supply Chain Management Supply Chain Management Capstone	
School of Health Sciences					
Program	Ivy Tech Community College		Indiana Department of Education		Course Prerequisites
	Course Number	Title	DOE Number	DOE State Approved Course Title	
Central Service Tech	CSTC 102	Surgical Instrumentation	7163	Central Service Technician Fundamental	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 COREQUISITE: CSTC 105 Fundamentals of Central Service Technician Skills
Central Service Tech	CSTC 105	Fundamentals of Central Service Technician	7163	Central Service Technician Fundamental	PREREQUISITES/COREQUISITES: HLHS 101 Medical Terminology AND CSTC 102 Surgical Instrumentation
Central Service Tech	CSTC 107	Application of CST Skills	7257	Central Service Technician Capstone	PREREQUISITES: CSTC 102 Surgical Instrumentation AND CSTC 105 Fundamentals of Central Service Technician Skills
Central Service Tech	CSTC 108	Clinical Applications	7257	Central Service Technician Capstone	PREREQUISITES: CSTC 102 Surgical Instrumentation, CSTC 105 Fundamentals of Central Service Technician Skills, AND CSTC 107 Applications of Central Service Technician Skills
Dental Assisting	DENT 171	Dental Terminology	5203	Dental Careers I	None
Dental Assisting	DENT 172	Dental Office Administration	5203	Dental Careers I	PREREQUISITE: DENT 171 Dental Terminology
Dental Assisting	DENT 173	Dental Office Administration Externship	5203	Dental Careers II	PREREQUISITES: DENT 172 Dental Office Administration AND successful completion of criminal background check and drug
Health/Human Services	HLHS 100	Introduction to Health Careers	5282	Health Science Education I	None
			7168	Principles of Healthcare	
Health/Human Services	HLHS 101	Medical Terminology	5274	Medical Terminology	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Health/Human Services	HLHS 102	Essential Anatomy and Physiology	5282	Health Science Education I	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			5274	Medical Terminology	

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Health/Human Services	HLHS 121	Customer Relations in Healthcare	6138	Advanced Career & Technical Education College Credit: Health Science	None
Health/Human Services	HLHS 123	Meal Planning in Healthcare	6138	Advanced Career & Technical Education College Credit: Health Science	None
			7170	Nutrition Planning and Therapy	
Health/Human Services	HLHS 107	CNA Preparation	5282 or 5284	Health Science Education I or Health Science Education II: Nursing	REGULATIONS PER THE INDIANA STATE DEPARTMENT OF HEALTH & PROGRAM CHAIR APPROVAL
			7166	Healthcare Specialist: CNA	
Health/Human Services	HLHS 111	Health and Wellness for Life	5366	Human Development and Wellness	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Health/Human Services	HLHS 113	Dementia Care	5282 or 5284	Health Science Education I or Health Science Education II: Nursing	None
			7166	Healthcare Specialist: CNA	
Healthcare Specialist	HLHS 104	CPR/Basic Life Support	6138	Advanced Career & Technical Education College Credit: Health Science	None
			7168	Principles of Healthcare	
Healthcare Specialist	HLHS 105	Medical Law and Ethics	6138	Advanced Career & Technical Education College Credit: Health Science	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7255	Healthcare Specialist Capstone	
Healthcare Specialist	HLHS 122	Electronic Health Records	6138	Advanced Career & Technical Education College Credit: Health Science	PREREQUISITE/COREQUISITE: HLHS 101 Medical Terminology
			7255	Healthcare Specialist Capstone	

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Healthcare Specialist	HLHS 125	Behavioral Health	6138	Advanced Career & Technical Education College Credit: Health Science	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7255	Healthcare Specialist Capstone	
Kinesiology	HPER 205	Structural Kinesiology	5282	Health Science Education I	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Kinesiology and Exercise Science	EXER 112	Group Fitness Instruction	6138	Advanced Career & Technical Education College Credit: Health Science	PREREQUISITE/COREQUISITE: HPER 205 Structural Kinesiology
Kinesiology and Exercise Science	EXER 114	Physical Conditioning and Strength Training	5290	Health Science Education II: Athletic Training	PREREQUISITE/COREQUISITE: HPER 205 Structural Kinesiology AND WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Kinesiology and Exercise Science	EXER 117	Fitness Management	5282	Health Science Education I	None
Kinesiology and Exercise Science	EXER 120	Recreational Sports	6138	Advanced Career & Technical Education College Credit: Health Science	None
Medical Assisting	MEAS 222	Medical Assisting Scribe Specialist	6138	Advanced Career & Technical Education College Credit: Health Science	PREREQUISITES: Program Chair Approval
Medical Assisting	MEAS 223	Medical Assisting Scribe Externship	6138	Advanced Career & Technical Education College Credit: Health Science	PREREQUISITES: MEAS 222
Medical Assisting	MEAS 225	CCMA Development Prep	6138	Advanced Career & Technical Education College Credit: Health Science	PREREQUISITES: Program Chair Approval and must be 18 years of age prior to last class module
			7164	Healthcare Specialist Capstone	
Paramedic Sciences	PARM 102	Emergency Medical Technician	5210	Emergency Medical Services	PREREQUISITES: 1. 18 years of age prior to course completion 2. Prior to clinical rotations, students must complete: a. Completion of the College Health Examination Form and required immunizations and tests, regionally determined b. Background Check c. Drug Test 3. Current Health Care Provider CPR card
			7165 or 7229	Emergency Medical Tech or Fire and Rescue Capstone	
School of Information Technology					
Program	Ivy Tech Community College		Indiana Department of Education		

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	Course Number	Title	DOE Number	DOE State Approved Course Title	Course Prerequisites
Cyber Security/ Information Assurance	CSIA 105	Introduction to Cyber Security/Information Assurance	7181	Networking and Cybersecurity Operations	PREREQUISITES: ITSP 135 OR (ITSP 132 AND ITSP 134) OR NETI 104 OR NETI 109 OR CSCI 101
Database Administration and Management	DBMS 110	Database Design and Management	5250	Computer Science III: Databases	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KAQR 55 ; KASTEM 50 ; ACCUPLACER NEXT GEN: QAS 250; ACCUPLACER Standard: Elementary Algebra 40; IDOE/ITCC ACCUPLACER Diagnostic: 45; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2015) Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
			7247 or 7245 or 7185	IT Operations: Informatics Capstone IT Operations: Support Capstone Website and Database Development	
Informatics	INFM 109	Informatics Fundamentals	5251	Computer Science III: Informatics	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7183	Principles of Computing	
Information Technology Support	ITSP 132	IT Supports Essentials I	7180	Information Technology Fundamentals	PREREQUISITE/COREQUISITE: INFM 109 Informatics Fundamentals OR CSCI 101 Computer Science I OR SDEV 120 Computing Logic.
Information Technology Support	ITSP 134	IT Supports Essentials II	7180	Information Technology Fundamentals	PREREQUISITE/COREQUISITE: INFM 109 Informatics Fundamentals OR CSCI 101 Computer Science I OR SDEV 120 Computing Logic.
Information Technology Support	ITSP 136	Workforce Preparation CompTIA A+ Certification	7180	Information Technology Fundamentals	PREREQUISITES/COREQUISITE: ITSP 135 Hardware/Software Support OR ITSP 132 IT Support Essentials I AND ITSP 134 IT Support Essentials II
Information Technology Support	ITSP 175	IT Customer Support and Helpdesk Software	5231	Information Technology Support II	PREREQUISITE: INFM 109 Informatics Fundamentals
			7245	IT Operations: Support Capstone	
Network Infrastructure	NETI 205	Scaling Networks	5234	Networking I: Infrastructure. Must follow the Cisco Network Academy CCNA Routing and Switching Curriculum.	PREREQUISITE: NETI 115 Routing and Switching
Network Infrastructure	NETI 209	Networking III	4588	Networking II: Infrastructure. Must follow the Cisco Network Academy CCNA Routing and Switching Curriculum	PREREQUISITE: NETI 119 Networking II OR a current, valid CCENT Certification

Network Infrastructure	NETI 218	CCNA v7 Bridge	4578	Information Technology: Special Topics	PREREQUISITES: NETI 115 Routing and Switching OR NETI 215, Connecting Networks OR Valid CCNA Certification completed before 2/24/2020 AND Program Chair Approval
Server Administration	SVAD 111	Linux and Virtualization Technologies Fundamentals	5257	Networking II: Servers	PREREQUISITE/COREQUISITE: ITSP 135 Hardware/Software Support
			7249 or 7245 or 7251	IT Operation: Cyber Capstone IT Operations: Support Capstone Network Capstone	
Server Administration	SVAD 121	Enterprise Computing	5257	Networking II: Servers	PREREQUISITES: ITSP 135 Hardware/Software Support AND COREQUISITE: NETI 105 Network Fundamentals
			7182 or 7245	Networking Fundamentals or IT Operations: Support Capstone	
Software Development	SDEV 120	Computing Logic	4801	Computer Science I	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KAQR 55; KASTEM 50 ; ACCUPLACER NEXT GEN: QAS 250; ACCUPLACER Standard: Elementary Algebra 40; IDOE/ITCC ACCUPLACER Diagnostic: 45; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2015) Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
			7183	Principles of Computing	
Software Development	SDEV 140	Introduction to Software Development	5236	Computer Science II: Programming	PREREQUISITE: SDEV 120 Computing Logic
			7184	Software Development	
Software Development	SDEV 153	Website Development	7185	Website and Database Development	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1

School of Public Affairs & Social Service					
Program	Ivy Tech Community College		Indiana Department of Education		Course Prerequisites
	Course Number	Title	DOE Number	DOE State Approved Course Title	
Criminal Justice	CRIM 101	Introduction to Criminal Justice Systems	5822	Criminal Justice I	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7193	Principles of Criminal Justice	
Criminal Justice	CRIM 103	Cultural Awareness	5824	Criminal Justice II	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7188	Courts & Corrections	
Criminal Justice	CRIM 105	Introduction to Criminology	5822	Criminal Justice I	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7191	Law Enforcement and Cultural Awareness	
Criminal Justice	CRIM 110	Introduction to Law Enforcement	5824	Criminal Justice II	PREREQUISITE: CRIM 101 Introduction to Criminal Justice Systems
			7191	Law Enforcement and Cultural Awareness	

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Criminal Justice	CRIM 111	Intro to Traffic Enforcement and Investigation	6136	Advanced CTE, College Credit: Public Safety	PREREQUISITE: CRIM 101 Introduction to Criminal Justice Systems
Criminal Justice	CRIM 113	Criminal Investigation	6136	Advanced CTE, College Credit: Public Safety	PREREQUISITE: CRIM 101 Introduction to Criminal Justice Systems
Criminal Justice	CRIM 120	Introduction to Courts	7188	Courts & Corrections	PREREQUISITE: CRIM 101 Introduction to Criminal Justice Systems
Criminal Justice	CRIM 130	Introduction to Corrections	7188	Courts & Corrections	PREREQUISITE: CRIM 101 Introduction to Criminal Justice Systems
Criminal Justice	CRIM 134	Introduction to Criminal Justice Careers	7231	Criminal Justice Capstone	None
Criminal Justice	CRIM 201	Ethics in Criminal Justice	7231	Criminal Justice Capstone	PREREQUISITE: CRIM 101 Introduction to Criminal Justice Systems
Hospitality	HOSP 101	Sanitation and Safety	5440	Culinary Arts and Hospitality I	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7173	Principles of Culinary and Hospitality	
Hospitality	HOSP 102	Basic Food Theory and Skills	5440	Culinary Arts and Hospitality I	PREREQUISITE/COREQUISITE: HOSP 101 Sanitation and First Aid
			7173	Principles of Culinary and Hospitality	
Hospitality	HOSP 103	Soups, stocks, and sauces	7169	Culinary Arts	PREREQUISITES: HOSP 101 Sanitation and First Aid AND HOSP 102 Basic Food Theory and Skills
Hospitality	HOSP 104	Nutrition	5346 or 5458	Culinary Arts and Advanced Hospitality II: Culinary or Culinary Arts and Hospitality II: Hospitality Management	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7173 or 7171	Principles of Culinary and Hospitality or Nutrition	
Hospitality	HOSP 105	Introduction to Baking	5346	Culinary Arts and Hospitality II: Culinary	PREREQUISITE/COREQUISITE: HOSP 101 Sanitation and First Aid
			7169	Culinary Arts	
Hospitality	HOSP 106	Pantry and Breakfast	7233	Culinary Arts Capstone	PREREQUISITES: HOSP 102 Basic Food Theory and Skills AND COREQUISITES: HOSP 105 Introduction to Baking
Hospitality	HOSP 107	Hospitality Sales and Marketing	7237	Hospitality Management Capstone	PREREQUISITE/COREQUISITE: HOSP 114 Introduction to Hospitality

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Hospitality	HOSP 108	Human Relations Management	7235 or 7237 or 7233	Baking and Pastry Capstone or Hospitality Management Capstone or Culinary Arts Capstone	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Hospitality	HOSP 111	Yeast Breads	7235	Baking and Pastry Capstone	PREREQUISITE: HOSP 105 Introduction to Baking
Hospitality	HOSP 113	Baking Science	7235	Baking and Pastry Capstone	PREREQUISITE: HOSP 105 Introduction to Baking
Hospitality	HOSP 114	Introduction to Hospitality	5440	Culinary Arts and Hospitality I	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7172	Hospitality Management	
Hospitality	HOSP 115	Diet Therapy	7170	Nutrition Planning and Therapy	PREREQUISITE: HOSP 104 Nutrition
Hospitality	HOSP 117	Dietary Management– Cost Controls	7239	Nutrition Science Capstone	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Hospitality	HOSP 118	Resident Clinical Assessment and Documentation	7239	Nutrition Science Capstone	PREREQUISITE: HOSP 115 Diet Therapy
Hospitality	HOSP 171	Introduction to Convention/Meeting Management	7172	Hospitality Management	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Hospitality	HOSP 173	Special Event Management	7237	Hospitality Management Capstone	PREREQUISITE: HOSP 114 Introduction to Hospitality
Hospitality	HOSP 200	Meat and Seafood Fabrication	7233	Culinary Arts Capstone	PREREQUISITE/COREQUISITE: HOSP 103 Soups, Stocks and Sauces
Hospitality	HOSP 201	Hospitality Purchasing and Cost Control	7237	Hospitality Management Capstone	PREREQUISITE:HOSP 102 Basic Food Theory and Skills, MATH 123 Quantitative Reasoning or Higher.
Hospitality	HOSP 207	Customer Service	7233	Culinary Arts Capstone	PREREQUISITE: HOSP 101 Sanitation and Safety
Hospitality	HOSP 208	Cakes, Icing, Fillings	7235	Baking and Pastry Capstone	PREREQUISITE: HOSP 105 Introduction to Baking
Hospitality	HOSP 209	Advanced Decorating and Candies	7235	Baking and Pastry Capstone	PREREQUISITE/COREQUISITE: HOSP 208 Cakes, Icings and Fillings
Hospitality	HOSP 213	Classical Pastries and Chocolates	7235	Baking and Pastry Capstone	PREREQUISITE: HOSP 105 Introduction to Baking
Hospitality	HOSP 215	Front Office	5458	Culinary Arts and Hospitality II: Hospitality Management	PREREQUISITE: HOSP 114 Introduction to Hospitality

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Hospitality	HOSP 272	The Tourism System	5458	Culinary Arts and Hospitality II: Hospitality Management	PREREQUISITE: HOSP 114 Introduction to Hospitality
			7237	Hospitality Management Capstone	
Hospitality	HOSP 278	Dietary Management Internship	7239	Nutrition Science Capstone	PREREQUISITES: HOSP 101 Sanitation and Safety, HOSP 104 Nutrition, HOSP 115 Diet Therapy, HOSP 116 Dietary Management Supervision, HOSP 117 Dietary Management-Cost Controls, AND HOSP 118 Resident Clinical Assessment Practicum
Hospitality	HOSP 280	Co-op/Internship	7237	Hospitality Management Capstone	PREREQUISITE: Program Advisor Approval
Homeland Security/ Public Safety	HSPS 101	Intro to Homeland Security	5822	Criminal Justice I	None
Homeland Security/ Public Safety	HSPS 102	Intro to Public Safety	5210 or 5820 or 5822	Emergency Medical Services or Fire and Rescue I or Criminal Justice I	None
			7195	Principles of Fire and Rescue	
Homeland Security/ Public Safety	HSPS 106	Fire Suppression	5820	Fire and Rescue I	None
			7195	Principles of Fire and Rescue	
Homeland Security/ Public Safety	HSPS 120	Incident Management Systems I	5820	Fire and Rescue I	PREREQUISITE: HSPS 102 Intro to Public Safety
Homeland Security/ Public Safety	HSPS 121	Introduction to Hazardous Materials Recognition	5820	Fire and Rescue I	None
Homeland Security/ Public Safety	HSPS 122	Hazmat Awareness & Operations	7186 or 7189	Advanced Fire Fighting or Fire Fighting Fundamentals	None
Homeland Security/ Public Safety	HSPS 125	Emergency Medical Responder	5210	Emergency Medical Services	None
Homeland Security	HSPS 163	Fire Inspection/Code Enforcement	7229	Fire and Rescue Capstone	None
Homeland Security/ Public Safety	HSPS 165	Fire Fighter I	5820	Fire and Rescue I	PREREQUISITE: HSPS 122 Hazmat Awareness & Operations
			7189	Fire Fighting Fundamentals	
Homeland Security/ Public Safety	HSPS 167	Fire Fighter II	5820	Fire and Rescue I	PREREQUISITE/COREQUISITE: HSPS 165 Fire Fighter I
			7186	Advanced Fire Fighting	

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Homeland Security	HSPS 169	Fire and Arson Investigator	7229	Fire and Rescue Capstone	None
Homeland Security	HSPS 204	Homeland Security/Public Safety Building and Infrastructure	7229	Fire and Rescue Capstone	None
Human Services	HUMS 101	Introduction to Human Services	5462	Human and Social Services II	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7176	Principles of Human Services	
Human Services	HUMS 109	Understanding Diversity	5462	Human and Social Services II	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7174	Understanding Diversity	
Human Services	HUMS 113	Problems of Substance Abuse in Society	6138	Advanced Career & Technical Education College Credit: Health	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7241	Human Service Capstone	
Human Services	HUMS 114	Social Services in Long-Term Care	6138	Advanced Career & Technical Education College Credit: Health Science	None
Human Services	HUMS 135	Love, Romance, and Relationships	6138	Advanced Career & Technical Education College Credit: Health Science	None
			7177	Relationships or Emotions	
Human Services	HUMS 140	Loss And Grief	6138	Advanced Career & Technical Education College Credit: Health Science	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
			7177	Relationships or Emotions	
Human Services	HUMS 155	Family & Community Youth Work	7241	Advanced Career & Technical Education College Credit: Health Science	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Legal Studies	LEGS 101	Intro to Legal Studies	7194	Principles of Paralegal Studies	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Legal Studies	LEGS 102	Legal Research	7192	Paralegal Fundamentals	PREREQUISITE: LEGS 101 Introduction to Legal Studies
Legal Studies	LEGS 103	Civil Procedure	7187	Advanced Paralegal Studies	PREREQUISITE: LEGS 101 Introduction to Legal Studies

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Legal Studies	LEGS 124	Legal Writing I	7192	Paralegal Fundamentals	PREREQUISITE/COREQUISITE: LEGS 101 Introduction to Paralegal Studies
Legal Studies	LEGS 155	Law Office Technology	7227	Paralegal Studies Capstone	PREREQUISITE/COREQUISITE: LEGS 101 Introduction to Legal Studies
Legal Studies	LEGS 170	Legal Ethics	7194	Principles of Paralegal Studies	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Legal Studies	LEGS 202	Litigation	7227	Paralegal Studies Capstone	PREREQUISITES: LEGS 101 Introduction to Paralegal Studies AND LEGS 103 Civil Procedures
Legal Studies	PARA 214	Constitutional Law	1540	United States Government	PREREQUISITE: LEGS 101 Introduction to Legal Studies
Legal Studies	LEGS 224	Legal Writing II	7187	Advanced Paralegal Studies	PREREQUISITES: LEGS 102 Legal Research AND LEGS 124 Legal Writing I
Core Transfer Library (CTL)					
Program	Ivy Tech Community College		Indiana Department of Education		Course Prerequisites
	Course Number	Title	DOE Number	DOE State Approved Course Title	
Liberal Arts & Sciences	ARTH 101	Survey of Art and Culture I	4025	AP Art History	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	ARTH 102	Survey of Art and Culture II	4260	No comparable DOE approved course. When ARTH 102 is taught, the Ivy Tech syllabus must be used and 4260 Advanced Fine Arts, College Credit is used for posting to the high school transcript.	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	ARTH 110	Art Appreciation	4024 or 4020	Art History or Advanced Art History	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Fine Arts	ARTS 100	Life and Object Drawing I	4048 or 4060	AP Drawing or Drawing (L)	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	ASTR 101	Solar System Astronomy	3090	No comparable DOE approved course. When ASTR 101 is taught, the Ivy Tech syllabus must be used and 3090 Advanced Science, College Credit is used for posting to the high school transcript.	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KAQR 55; KASTEM 50 ; ACCUPLACER NEXT GEN: QAS 237; ACCUPLACER NEXT GEN: AAF 200; ACCUPLACER Standard: Elementary Algebra 40 or Arithmetic 60; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 34; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2016): Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.

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Liberal Arts & Sciences	BIOL 100	Human Biology	3090	No comparable DOE approved course. When BIOL 100 is taught, the Ivy Tech syllabus must be used and 3090 Advanced Science, College Credit is used for posting to the high school transcript.	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KAQR 55; KASTEM 50 ; ACCUPLACER NEXT GEN: QAS 237; ACCUPLACER NEXT GEN: AAF 200; ACCUPLACER Standard: Elementary Algebra 40 or Arithmetic 60; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 34; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2016): Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
Liberal Arts & Sciences	BIOL 101	Introductory Biology	3026	Biology II (L)	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KAQR 55; KASTEM 50 ; ACCUPLACER NEXT GEN: QAS 237; ACCUPLACER NEXT GEN: AAF 200; ACCUPLACER Standard: Elementary Algebra 40 or Arithmetic 60; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 34; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2016): Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
Liberal Arts & Sciences	BIOL 105	Biology I - Molecular and Cellular Processes (2 course sequence—to transfer to other Indiana post-secondary institutions, a student must complete BIOL 105 and 107)	3020	AP Biology	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KAQR 55; KASTEM 50 ; ACCUPLACER NEXT GEN: QAS 237; ACCUPLACER NEXT GEN: AAF 200; ACCUPLACER Standard: Elementary Algebra 40 or Arithmetic 60; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 34; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2016): Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
Liberal Arts & Sciences	BIOL 107	Biology II - Diversity of Life	3090	No comparable DOE approved course. When BIOL 107 is taught, the Ivy Tech syllabus must be used and 3090 Advanced Science, College Credit is used for posting to the high school transcript.	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KAQR 55; KASTEM 50 ; ACCUPLACER NEXT GEN: QAS 237; ACCUPLACER NEXT GEN: AAF 200; ACCUPLACER Standard: Elementary Algebra 40 or Arithmetic 60; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 34; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2016): Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.

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Liberal Arts & Sciences	BIOL 211	Microbiology I	3090	No comparable DOE approved course. When BIOL 211 is taught, the Ivy Tech syllabus must be used and 3090 Advanced Science, College Credit is used for posting to the high school transcript.	PREREQUISITE(S): BIOL 105, Biology I OR BIOL 121, General Biology OR APHY 101, Anatomy and Physiology I AND MATH: KAQ 55; KASTEM 50; ACCUPLACER NEXT GEN: QAS 237; ACCUPLACER NEXT GEN: AAF 200; ACCUPLACER Standard: Elementary Algebra 40 or Arithmetic 60; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 34; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2016): Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
Liberal Arts & Sciences	CHEM 101	Introductory Chemistry I	3066 or 3090	Chemistry II (L) or Advanced Science, College Credit	PREREQUISITE(S): MATH 123, Quantitative Reasoning AND WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 OR WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KASTEM 70; KACALC 95; ACCUPLACER NEXT GEN: AAF 237; ACCUPLACER Standard: Elementary Algebra 74; IDOE/ ITCC ACCUPLACER Diagnostic: Elementary Algebra 92; ACT: Math 20; SAT 2016: Math 510; PSAT 10 (2016): Mathematics 25 (GPA does not apply for this MATH requirement.)
Liberal Arts & Sciences	CHEM 105	General Chemistry I	3060	AP Chemistry	PREREQUISITE(S): MATH 136, College Algebra AND WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 OR WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KACALC 95; ACCUPLACER NEXT GEN: AAF 276; ACCUPLACER Standard: College Level Math 61; IDOE/ITCC ACCUPLACER Diagnostic: College Level Math 61 (GPA does not apply for this MATH requirement.)
Liberal Arts & Sciences	CHEM 106	General Chemistry II	3090	No comparable DOE approved course. When CHEM 106 is taught, the Ivy Tech syllabus must be used and 3090 Advanced Science, College Credit is used for posting to the high school transcript.	PREREQUISITE: CHEM 105 General Chemistry I
Liberal Arts & Sciences	COMM 101	Fundamentals of Public Speaking	1078	Advanced Speech & Communication	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	COMM 102	Introduction to Interpersonal Communication	1078	Advanced Speech & Communication	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1

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Liberal Arts & Sciences	ECON 101	Economics Fundamentals	1514	Economics (must be at an advanced or honors level)	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KAQR 55; KASTEM 50 ; ACCUPLACER NEXT GEN: QAS 237; ACCUPLACER Standard: Elementary Algebra 40 or Arithmetic 60; IDOE/ITCC ACCUPLACER Diagnostic:Elementary Algebra 34; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2015) Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed
Liberal Arts & Sciences	ECON 201	Principles of Macroeconomics	1564 or 1574	AP Macroeconomics or Advanced Social Sciences, College Credit	PREREQUISITE(S): ENGL 111, English Composition AND MATH: KAQR 55; KASTEM 50 ; ACCUPLACER NEXT GEN: QAS 237; ACCUPLACER Standard: Elementary Algebra 40 or Arithmetic 60; IDOE/ITCC ACCUPLACER Diagnostic:Elementary Algebra 34; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2015) Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed
Liberal Arts & Sciences	ECON 202	Principles of Microeconomics	1566 or 1574	AP Microeconomics or Advanced Social Sciences, College Credit	PREREQUISITE(S): ENGL 111, English Composition AND MATH: KAQR 55; KASTEM 50 ; ACCUPLACER NEXT GEN: QAS 237; ACCUPLACER Standard: Elementary Algebra 40 or Arithmetic 60; IDOE/ITCC ACCUPLACER Diagnostic:Elementary Algebra 34; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2015) Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed
Liberal Arts & Sciences	ENGL 111	English Composition	1006 or 1008	English 11 (must be at an advanced or honors level) or English 12 (must be at an advanced or honors level)	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	ENGL 202	Creative Writing	1124	No comparable DOE approved course. When ENGL 202 is taught, the Ivy Tech syllabus must be used and 1124 Advanced English/Language Arts, College Credit is used for posting to the high school transcript.	PREREQUISITE: ENGL 111 English Composition

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Liberal Arts & Sciences	ENGL 206	Introduction to Literature	1124	No comparable DOE approved course. When ENGL 206 is taught, the Ivy Tech syllabus must be used and 1124 Advanced English/Language Arts, College Credit is used for posting to the high school transcript.	PREREQUISITE: ENGL 111 English Composition
Liberal Arts & Sciences	ENGL 211	Technical Writing	1096 or 1094	Technical Communication or Expository Writing	PREREQUISITE: A grade of "C" or better in ENGL 111 English Composition
Liberal Arts & Sciences	ENGL 215	Rhetoric and Argument (Honors)	1008 or 1098	ENGL 12 (must be at an advanced or honors level) or Advanced Composition	PREREQUISITE: A grade of "C" or better in ENGL 111 English Composition
Liberal Arts & Sciences	ENGL 220	World Literature I	1124	No comparable DOE approved course. When ENGL 220 is taught, the Ivy Tech syllabus must be used and 1124 Advanced English/Language Arts, College Credit is used for posting to the high school transcript.	PREREQUISITE: ENGL 111, English Composition
Liberal Arts & Sciences	ENGL 221	World Literature II	1124	No comparable DOE approved course. When ENGL 221 is taught, the Ivy Tech syllabus must be used and 1124 Advanced English/Language Arts, College Credit is used for posting to the high school transcript.	PREREQUISITE: ENGL 111, English Composition

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Liberal Arts & Sciences	ENGL 222	American Literature to 1865	1124	No comparable DOE approved course. When ENGL 222 is taught, the Ivy Tech syllabus must be used and 1124 Advanced English/Language Arts, College Credit is used for posting to the high school transcript.	PREREQUISITE: ENGL 111, English Composition
Liberal Arts & Sciences	ENGL 223	American Literature after 1865	1124	No comparable DOE approved course. When ENGL 223 is taught, the Ivy Tech syllabus must be used and 1124 Advanced English/Language Arts, College Credit is used for posting to the high school transcript.	PREREQUISITE: ENGL 111, English Composition
Liberal Arts & Sciences	ENGL 240	Children's Literature	1124	No comparable DOE approved course. When ENGL 240 is taught, the Ivy Tech syllabus must be used and 1124 Advanced English/Language Arts, College Credit is used for posting to the high school transcript.	PREREQUISITE: ENGL 111, English Composition
Liberal Arts & Sciences	FREN 101	French Level I	2024	French III	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	FREN 102	French Level II	2024	French III	PREREQUISITES/COREQUISITES: FREN 101 French Level I OR WebCAPE 260 OR WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	FREN 201	French Level III	2026 or 2032	French IV or AP French Language	PREREQUISITE: FREN 102 French Level II OR WebCAPE 337 OR WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	FREN 202	French Level IV	2026 or 2032	French IV or AP French Language	PREREQUISITE/COREQUISITE: FREN 201 French Level III OR WebCAPE 403 OR WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	GERM 101	German Level I	2044	German III	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1

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Liberal Arts & Sciences	GERM 102	German Level II	2044	German III	PREREQUISITES/COREQUISITES: GERM 101 German Level I OR WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	GERM 201	German Level III	2046 or 2052	German IV or AP German Language	PREREQUISITES/COREQUISITES: GERM 102 German Level II OR WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	GERM 202	German Level IV	2046 or 2052	German IV or AP German Language	PREREQUISITES/COREQUISITES: GERM 201 German Level III OR WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	HIST 101	Survey of American History I	1542 or 1562	US History (Must be at an advanced or honors level) or AP US History	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	HIST 102	Survey of American History II	1542 or 1562	US History (Must be at an advanced or honors level) or AP US History	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	HUMA 100	Theatre Appreciation	4260	No comparable DOE approved course. When HUMA 100 is taught, the Ivy Tech syllabus must be used and 4260 Advanced Fine Arts, College Credit is used for posting to the high school transcript.	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	HUMA 118	Music Appreciation	4260	No comparable DOE approved course. When HUMA 118 is taught, the Ivy Tech syllabus must be used and 4260 Advanced Fine Arts, College Credit is used for posting to the high school transcript.	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	MATH 123	Quantitative Reasoning	2550	Quantitative Reasoning	MATH: KAQR 55; KASTEM 50 ; ACCUPLACER NEXT GEN: QAS 250; ACCUPLACER Standard: Elementary Algebra 40; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 45; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2015) Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.

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Liberal Arts & Sciences	MATH 135	Finite Math	2530	Finite Mathematics	MATH: KASTEM 70 ; ACCUPLACER NEXT GEN: AAF 250; ACCUPLACER Standard: Elementary Algebra 74; IDOE/ ITCC ACCUPLACER Diagnostic: Elementary Algebra 92; ACT: Math 24; SAT 2016: Math 550; PSAT 10 (2016): Mathematics 27.0 (GPA does NOT apply for this MATH requirement.)
Liberal Arts & Sciences	MATH 136	College Algebra	2564	Pre-Calculus: Algebra	MATH: KASTEM 70 ; ACCUPLACER NEXT GEN: AAF 263; ACCUPLACER Standard: Elementary Algebra 74; IDOE/ ITCC ACCUPLACER Diagnostic: Elementary Algebra 92 or College Level Math 61; ACT: Math 24; SAT 2016: Math 550; PSAT 10 (2016): Mathematics 27.0 (GPA does NOT apply for this MATH requirement.)
Liberal Arts & Sciences	MATH 137	Trigonometry with Analytic Geometry	2566	Pre-Calculus: Trigonometry	MATH: KASTEM 70 ; ACCUPLACER NEXT GEN: AAF 263; ACCUPLACER Standard: Elementary Algebra 74; IDOE/ ITCC ACCUPLACER Diagnostic: Elementary Algebra 92 or College Level Math 61; ACT: Math 24; SAT 2016: Math 550; PSAT 10 (2016): Mathematics 27.0 (GPA does NOT apply for this MATH requirement.)
Liberal Arts & Sciences	MATH 201	Brief Calculus I	2544	No comparable DOE approved course. When MATH 201 is taught, the Ivy Tech syllabus must be used and 2544 Advanced Math, College Credit is used for posting to the high school transcript.	PREREQUISITE(S): MATH 136, College Algebra OR MATH: KACALC 95 ; ACCUPLACER NEXT GEN: AAF 263; ACCUPLACER Standard: College Level Math 61; IDOE/ITCC ACCUPLACER Diagnostic: College Level Math 61 (GPA does NOT apply for this MATH requirement.)
Liberal Arts & Sciences	MATH 211	Calculus I	2562 or 2527	AP Calculus AB or Calculus	PREREQUISITES: MATH 136, College Algebra AND MATH 137, Trigonometry with Analytic Geometry OR MATH: KACALC 95 ; ACCUPLACER NEXT GEN: AAF 286; ACCUPLACER Standard: College Level Math 61; IDOE/ITCC ACCUPLACER Diagnostic: College Level Math 61 (GPA does NOT apply for this MATH requirement.)
Liberal Arts & Sciences	MATH 212	Calculus II	2544	No comparable DOE approved course. When MATH212 is taught, the Ivy Tech syllabus must be used and 2544 Advanced Math, College Credit is used for posting to the high school transcript.	PREREQUISITE: MATH 211 Calculus I

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Liberal Arts & Sciences	PHIL 101	Introduction to Philosophy	1574	No comparable DOE approved course. When PHIL 101 is taught, the Ivy Tech syllabus must be used and 1574 Advanced Social Sciences, College Credit is used for posting to the high school transcript.	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	PHIL 102	Introduction to Ethics	1574	No comparable DOE approved course. When PHIL 102 is taught, the Ivy Tech syllabus must be used and 1574 Advanced Social Sciences, College Credit is used for posting to the high school transcript.	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	PHIL 220	Philosophy of Religion	1574	No comparable DOE approved course. When PHIL 220 is taught, the Ivy Tech syllabus must be used and 1574 Advanced Social Sciences, College Credit is used for posting to the high school transcript.	PREREQUISITE: ENGL 111 English Composition
Liberal Arts & Sciences	PHYS 101	Physics I	3080	AP Physics I: Algebra-Based	PREREQUISITES: MATH 121, Geometry-Trigonometry OR MATH 137 Trigonometry with Analytic Geometry OR KACALC 95
Liberal Arts & Sciences	PHYS 102	Physics II	3081	AP Physics II: Algebra-Based	PREREQUISITE: PHYS 101 Physics I
Liberal Arts & Sciences	PHYS 220	Mechanics	3088	AP Physics C (L)	PREREQUISITE: MATH 211 Calculus I
Liberal Arts & Sciences	PHYS 221	Heat, Electricity and Optics	3088	AP Physics C (L)	PREREQUISITES: PHYS 220 Mechanics AND MATH 212 Calculus II
Liberal Arts & Sciences	POLS 101	Introduction to American Government and Politics	1540 or 1560	US Government (must be at an advanced or honors level) or AP US Government & Politics	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1

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Liberal Arts & Sciences	POLS 201	Introduction to Political Science	1574	No comparable DOE approved course. When POLS 201 is taught, the Ivy Tech syllabus must be used and 1574 Advanced Social Sciences, College Credit is used for posting to the high school transcript.	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	POLS 211	Introduction to World Politics	1552	AP Comparative Government and Politics	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	PSYC 101	Introduction to Psychology	1532 or 1558	Psychology (must be at an advanced or honors level) or AP Psychology	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	SCIN 100	Earth Science	3046	Earth and Space Science II (L)	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KASTEM 50 ; KACALC 95 ; ACCUPLACER NEXT GEN: AAF 237; ACCUPLACER Standard: Elementary Algebra 40; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 45; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2016): Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
Liberal Arts & Sciences	SCIN 111	Physical Science	3086	Physics II	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KAQR 55 ; KASTEM 50 ; ACCUPLACER NEXT GEN: QAS 250; ACCUPLACER Standard: Elementary Algebra 40; IDOE/ITCC ACCUPLACER Diagnostic: 45; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2015) Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed
Liberal Arts & Sciences	SOCI 111	Introduction to Sociology	1534	Sociology	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	SOCI 252	Social Problems	1574	No comparable DOE approved course. When SOCI 252 is taught, the Ivy Tech syllabus must be used and 1574 Advanced Social Sciences, College Credit is used for posting to the high school transcript.	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1

Liberal Arts & Sciences	SPAN 101	Spanish Level I	2124	Spanish III	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	SPAN 102	Spanish Level II	2124	Spanish III	PREREQUISITES/COREQUISITES: SPAN 101 Spanish Level I OR WebCAPE 270 OR WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	SPAN 201	Spanish Level III	2126 or 2132	Spanish IV; or AP Spanish Language	PREREQUISITES: SPAN 102 Spanish Level II OR WebCAPE 346 OR WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Liberal Arts & Sciences	SPAN 202	Spanish Level IV	2126 or 2132	Spanish IV; or AP Spanish Language	PREREQUISITES/COREQUISITES: SPAN 201 Spanish Level III OR WebCAPE 428 OR WRITING: Program Ready - see page 1 READING: Program Ready - see page 1
Non-CTL Liberal Arts Courses*					
Program	Ivy Tech Community College		Indiana Department of Education		Course Prerequisites
	Course Number	Title	DOE Number	DOE State Approved Course Title	
Life/Physical Science	APHY 101	Anatomy & Physiology I	5276	Anatomy & Physiology	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KAQR 55; KASTEM 50 ; ACCUPLACER NEXT GEN: QAS 250; ACCUPLACER Standard: Elementary Algebra 40 or Arithmetic 60; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 45; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2016); Mathematics 24.5; Current High School Transcript cumulative, unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
Life/Physical Science	APHY 102	Anatomy & Physiology II	3090	No comparable DOE course. When APHY 102 is taught, the Ivy Tech syllabus must be used and 3090 Advanced Science, College Credit is used for posting to the high school transcript.	PREREQUISITE: APHY 101 Anatomy & Physiology I
Life/Physical Science	BIOL 120	Environmental Science	3010 or 3012	Environmental Science (L) or AP Environmental Science (L)	WRITING: Program Ready - see page 1 READING: Program Ready - see page 1 MATH: KAQR 55; KASTEM 50 ; ACCUPLACER NEXT GEN: QAS 237; ACCUPLACER NEXT GEN: AAF 237; ACCUPLACER Standard: Elementary Algebra 40 or Arithmetic 60 or College Level 86; IDOE/ITCC ACCUPLACER Diagnostic: Elementary Algebra 34; ACT: Math 18; SAT 2016: Math 500; PSAT 10 (2016); Mathematics 24.5; Current High School Transcript cumulative, unweighted OR unweighted GPA: 2.6 on a 4-point scale. Must be Core 40 and have four semesters completed.
* Liberal arts courses included in the Core Transfer Library are listed separately in this crosswalk.					