

Ivy Tech Community College High School-based Dual Credit Crosswalk Effective - Academic Year 2020-2021

The following courses may be considered for high school-based dual credit if the course at the high school meets the following conditions:

1. The high school course is on the list of the Indiana Department of Education with an appropriate course number and description.
2. Dual credit agreements are based on The Ivy Tech Community College policy requirements outlined in ASOM 4.3 with specific attention to the following:
 - 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 identical 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.
3. Special Notes:
 - a. 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.
 - b. There is no limit to the number of credit hours a student may earn through dual credit programs.
 - c. The sequence of courses must be consistent with Ivy Tech course pre-requisites.
4. If the high school course qualifies under the requirements outlined above and ASOM 4.3, this crosswalk of courses must be followed.
5. Additional courses not listed on the Crosswalk may only be considered when there is a signed Early College MOU leading to a TC pathway.
6. **Core Transfer Library (CTL) courses are in bold font.**
7. The 2019-2020 Dual Credit Crosswalk will be retained for the 2020-2021 Academic Year. This means there were no removal of courses, but additions of CTE courses as “allowable” for dual credit when utilizing allowable courses coded by high schools as “Advanced CTE, College Credit” in the 2020-2021 IDOE Approved High School Course Titles and Descriptions.

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School of Advanced Manufacturing, Engineering & Applied Science

Program	Ivy Tech Community College		Indiana Department of Education	
	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
Advanced Automation Robotic Technology	ADMF 102	Technology in Advanced Manufacturing (MSSC)	5606 or 5608 or 5610 or 5686	Advanced Manufacturing II or Advanced Manufacturing I or Industrial Automation and Robotics I or Industrial Technical Maintenance I
Advanced Automation Robotic Technology	ADMF 112	Automation - Mechatronics Mechanical Systems	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
Advanced Automation Robotic Technology	ADMF 116	Automation and Robotics in Manufacturing I	5610 or 5606	Industrial Automation and Robotics I or Advanced Manufacturing II
Advanced Automation Robotic Technology	ADMF 117	Motoman Robotic Programming	5606 or 5610	Advanced Manufacturing II or Industrial Automation and Robotics I
Advanced Automation Robotic Technology	ADMF 122	Automation - Mechatronics Electrical & Robotics Systems	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
Advanced Automation Robotic Technology	ADMF 222	Automation - Mechatronics Pressurized Systems	5612 or 5686 or 5688	Industrial Automation and Robotics II or Industrial Technical Maintenance I or Industrial Technical Maintenance II
Agriculture	AGRI 102	Agribusiness and Farm Management	5002	Agribusiness Management
Agriculture	AGRI 103	Animal Science	5008	Animal Science
Agriculture	AGRI 104	Food Science	5102	Food Science
Agriculture	AGRI 105	Plant and Soil Science	5170	Plant and Soil Science
Agriculture	AGRI 106	Agriculture Mechanization	5088	Agriculture Power, Structure & Technology
Agriculture	AGRI 107	Advanced Animal Science	5070	Advanced Life Science, Animals
Agriculture	AGRI 108	Advanced Food Science	5072	Advanced Life Science, Foods
Agriculture	AGRI 109	Advanced Plant & Soil Science	5074	Advanced Life Science, Plants & Soils
Agriculture	AGRI 115	Natural Resources Management	5180	Natural Resources
Agriculture	AGRI 116	Survey of Horticulture	5132	Horticulture Science
Agriculture	PAET 100	Introduction to Precision Agriculture	6150	Agriculture: Special Topics
Agriculture	PAET 107	Unmanned Aerial Systems in Precision Agriculture	6130	Advanced Career & Technical Education, College Credit; Agriculture
Agriculture	PAET 280	CO-OP Internship	6130	Advanced Career & Technical Education, College Credit; Agriculture

School of Advanced Manufacturing, Engineering & Applied Science Continued

Program	Ivy Tech Community College		Indiana Department of Education	
	Course Number	Title	DOE Number	DOE State Approved Course Title
Agriculture	AGRI 119	Sustainable and Alternative Energy	5229	Sustainable Energy Alternatives
Agriculture	AGRI 164	Landscape Design I	5136	Landscape Management I
Automotive Technology	AUBR 100	Introduction to Collision Service	6128	Advanced CTE, College Credit: Transportation
Automotive Technology	AUBR 101	Body Repair I	5514	Automotive Collision Repair I
Automotive Technology	AUBR 103	Automotive Paint Fundamentals	5544	Automotive Collision Repair II
Automotive Technology	AUTI 100	Basic Automotive Service	5510 or 5620	Automotive Services Technology I or Diesel Service Technology I
Automotive Technology	AUTI 111	Electrical Systems I	5510 or 5546	Automotive Services Technology I or Automotive Services Technology II
Automotive Technology	AUTI 121	Brake Systems	5510 or 5546	Automotive Services Technology I or Automotive Services Technology II
Automotive Technology	AUTI 122	Steering and Suspension Systems	5510 or 5546	Automotive Services Technology I or Automotive Services Technology II
Automotive Technology	AUTI 131	Engine Performance Systems I	5546	Automotive Services Technology II
Automotive Technology	AUTI 141	Engine Fundamentals and Repair	5510 or 5546	Automotive Services Technology I or Automotive Services Technology II
Automotive Technology	AUTI 145	Driveline Service	5510 or 5546	Automotive Services Technology I or Automotive Services Technology II
Automotive Technology	AUTI 160	Diesel Engine Theory and Service	5624	Diesel Service Technology II
Automotive Technology	TRCK 100	Diesel Preventive Maintenance	5624	Diesel Service Technology II
Aviation Technology	AVIT 111	Introduction to Aviation Technology	5528 or 6128	Aviation Operations or Advanced CTE, College Credit: Transportation
Aviation Technology	AVIT 120	Private Pilot Theory	5524 or 6128	Aviation Flight or Advanced CTE, College Credit: Transportation
Aviation Technology	AVIT 132	Aviation Operations	5528	Aviation Operations
Aviation Technology	AVIT 135	Aviation Safety Management Systems	5528 or 6128	Aviation Operations or Advanced CTE, College Credit: Transportation
Aviation Technology	AVIT 138	Aviation Weather Services	6128	Advanced CTE, College Credit: Transportation
Aviation Technology	AVIT 202	Instrument Pilot Theory	6128	Advanced CTE, College Credit: Transportation
Aviation Technology	AVIT 208	Air Traffic Control	6128	Advanced CTE, College Credit: Transportation
Aviation Technology	AVIT 250	Multi-engine/commercial Theory	6128	Advanced CTE, College Credit: Transportation
Aviation Technology	AVIT 254	Aircraft Systems	6128	Advanced CTE, College Credit: Transportation
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.
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.

School of Advanced Manufacturing, Engineering & Applied Science Continued

Program	Ivy Tech Community College		Indiana Department of Education	
	Course Number	Title	DOE Number	DOE State Approved Course Title
Building Construction Management	BCOM 102	Construction Blueprint Reading	5580 or 5498	Construction Trades I or Construction Trades: HVAC II
Building Construction Management	BCOM 104	Construction Materials	5580	Construction Trades I
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
Building Construction Technology	BCTI 101	Intro to Carpentry, Part 1	5580 or 5578	Construction Trades I or Construction Trades II
Building Construction Technology	BCTI 102	Intro To Carpentry, Part 2	5580 or 5578	Construction Trades I or Construction Trades II
Building Construction Technology	BCTI 103	Carpentry Framing and Finishing, Part 1	5580 or 5578	Construction Trades I or Construction Trades II
Building Construction Technology	BCTI 104	Carpentry Framing and Finishing, Part 2	5580 or 5578	Construction Trades I or Construction Trades II
Building Construction Technology	BCTI 110	Intro to Concrete Finishing	5580 or 6132	Construction Trades I or Advanced CTE, College Credit: Architecture and Construction
Building Construction Technology	BCTI 130	Intro to Electrical	4830 or 4832	Construction Trades: Elec. I or Construction Trades: Elec. II
Building Construction Technology	BCTI 131	Electrical, Part 1	4832	Construction Trades: Elec. II
Building Construction Technology	BCTI 132	Electrical, Part 2	4832	Construction Trades: Elec. II
Building Construction Technology	BCTI 140	Intro to Masonry	5580 or 6132	Construction Trades I or Advanced CTE, College Credit: Architecture and Construction
Building Construction Technology	BCTI 150	Intro to Plumbing, Part 1	5580	Construction Trades I
Building Construction Technology	BCTI 151	Intro to Plumbing, Part 2	5578	Construction Trades II
Building Construction Technology	BCTI 201	Carpentry Forms, Part I	5580 or 5578	Construction Trades I or Construction Trades II
Building Construction Technology	BCTI 202	Carpentry Forms, Part 2	6132	Advanced CTE, College Credit: Architecture and Construction

School of Advanced Manufacturing, Engineering & Applied Science Continued

Program	Ivy Tech Community College		Indiana Department of Education	
	Course Number	Title	DOE Number	DOE State Approved Course Title
Chemical Technology	CHMT 170	Success in Science	3090	No comparable DOE approved course. When CHMT 170 is taught, the Ivy Tech syllabus must be used and 3090 Advanced Science, College Credit is used for posting to the high school transcript.
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
Design Technology	DESN 104	Mechanical Graphics	4838	Mechanical Drafting & Design II
Design Technology	DESN 105	Architectural Design I	5652	Architectural Drafting and Design II
Design Technology	DESN 113	2D Computer-Aided Design (CAD)	4836 or 5640	Mechanical Drafting & Design I or Architectural Drafting I
Design Technology	EDSN 103	Introduction to Environmental Design	5654 or 6132	Architecture and Construction: Special Topics or Advanced CTE, College Credit: Architecture and Construction
Electronics & Computer Technology	EECT 101	Intro to Electronics & Projects	5684	Electronics and Computer Tech I
Electronics & Computer Technology	EECT 112	Digital Fundamentals	5694	Electronics and Computer Tech II
Energy Technology	ENRG 100	Energy Industry Fundamentals	5616	Energy Industry I
Energy Technology	SUST 100	Introduction to Renewable Energy Systems	5229	Sustainable Energy Alternatives
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.
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.
Heating and Cooling	HVAC 100	Introduction to HVAC Technology	5496	Construction Trades: HVAC I
Heating and Cooling	HVAC 101	Heating Fundamentals	5496	Construction Trades: HVAC I
Heating and Cooling	HVAC 103	Refrigeration I	5496	Construction Trades: HVAC I
Heating and Cooling	HVAC 107	Duct Fabrication & Installation	5498	Construction Trades: HVAC II
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
Heating and Cooling	HVAC 122	General Maintenance	5496 or 6132	Construction Trades: HVAC I or Advanced CTE, College Credit: Architecture and Construction
Heating and Cooling	HVAC 202	Electrical Circuits and Controls	6132	Advanced CTE, College Credit: Architecture and Construction
Heating and Cooling	HVAC 208	Heating Service	6132	Advanced CTE, College Credit: Architecture and Construction
Heating and Cooling	HVAC 211	Refrigeration II	6132	Advanced CTE, College Credit: Architecture and Construction

School of Advanced Manufacturing, Engineering & Applied Science Continued

Program	Ivy Tech Community College		Indiana Department of Education	
	Course Number	Title	DOE Number	DOE State Approved Course Title
Industrial Technology	INDT 103	Motors & Motor Controls	5686 or 5688	Industrial Technical Maintenance I or Industrial Automation and Robotics II
Industrial Technology	INDT 104	Fluid Power Basics	5686 or 5610	Industrial Technical Maintenance I or Industrial Automation and Robotics I
Industrial Technology	INDT 113	Basic Electricity	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
Industrial Technology	INDT 114	Introductory Welding	5776	Welding Technology I
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
Industrial Technology	INDT 205	Programmable Logic Controllers 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
Machine Tool Technology	MTTC 101	Intro to Machining	5782 or 5608	Precision Machining I or Advanced Manufacturing I
Machine Tool Technology	MTTC 102	Turning Processes I	5782 or 6146	Precision Machining I or Advanced CTE, College Credit: Architecture and Construction
Machine Tool Technology	MTTC 103	Milling Processes I	5782 or 6146	Precision Machining I or Advanced CTE, College Credit: Architecture and Construction
Machine Tool Technology	MTTC 105	Abrasive Processes I	5784 or 6146	Precision Machining II or Advanced CTE, College Credit: Architecture and Construction
Machine Tool Technology	MTTC 106	Print Interpretation	5782 or 5784	Precision Machining I or Precision Machining II
Machine Tool Technology	MTTC 107	CNC Set Up and Operations I	5784 or 5606	Precision Machining II or Advanced Manufacturing II
Machine Tool Technology	MTTC 110	Turning & Milling Processes	5782	Precision Machining I
Machine Tool Technology	MTTC 110	Turning & Milling Processes	5784	Precision Machining II
Machine Tool Technology	MTTC 208	CNC Mill Programming	6146	Advanced CTE, College Credit: Architecture and Construction
Machine Tool Technology	MTTC 209	CNC Lathe Programming	6146	Advanced CTE, College Credit: Architecture and Construction

School of Advanced Manufacturing, Engineering & Applied Science Continued

Program	Ivy Tech Community College		Indiana Department of Education	
	Course Number	Title	DOE Number	DOE State Approved Course Title
Manufacturing, Production, Operations	MPRO 100	Introduction to Plant Floor and CNC Principles	4796	HIRE Technology/Introduction to Advanced Manufacturing and Logistics
Manufacturing, Production, Operations	MPRO 102	Introduction to Print Reading	5608	HIRE Technology/Advanced Manufacturing I
Manufacturing, Production, Operations	MPRO 106	Intro to the Workplace and Safety	4796	HIRE Technology/Introduction to Advanced Manufacturing and Logistics
Manufacturing, Production, Operations	MPRO 122	Mechatronics Electrical Systems	5608	HIRE Technology/Advanced Manufacturing I
Manufacturing, Production, Operations	MPRO 201	Lean Manufacturing	5608	HIRE Technology/Advanced Manufacturing I
Project Lead The Way	PLTW DESN 101	Intro to Design Technology	4802	Introduction to Engineering Design (IED)
Project Lead The Way	PLTW DESN 104	Mechanical Graphics	5644	Principles of Engineering (POE)
Project Lead The Way	PLTW DESN 105	Architectural Design I	5650	Civil Engineering and Architecture (CEA)
Project Lead The Way	PLTW BIOT 107	Human Body Systems and Biomedical Interventions	5219	Biomedical Innovation PLTW
Project Lead The Way	PLTW DESN 113	2D Computer-Aided Design	4802	Introduction to Engineering Design (IED)
Project Lead The Way	PLTW DESN 195	Manufacturing Principles & Design	5534	Computer Integrated Manufacturing (CIM)
Project Lead The Way	PLTW EECT 112	Digital Fundamentals	5538	Digital Electronics (DE)
Welding	WELD 100	Welding Fundamentals	5776	Welding Technology I
Welding	WELD 108	Shielded Metal Arc Welding I	5776	Welding Technology I
Welding	WELD 109	Oxy-Fuel Gas Welding & Cutting	5778	Welding Technology II
Welding	WELD 206	Advanced Shielded Metal Arc Welding II	5776	Welding Technology I
Welding	WELD 207	Gas Metal Arc (MIG) Welding	5778	Welding Technology II
Welding	WELD 208	Gas Tungsten Arc (TIG) Welding	5778	Welding Technology II
Welding	WELD 272	Advanced Gas Metal Arc (MIG) Welding II	5778	Welding Technology II
Welding	WELD 273	Advanced Gas Tungsten Arc Welding II	5778	Welding Technology II

School of Arts, Sciences & Education

Program	Ivy Tech Community College		Indiana Department of Education	
	Course Number	Title	DOE Number	DOE State Approved Course Title
Fine Arts	ARTS 100	Life & Object Drawing I	4048 or 4060	AP Drawing or Drawing (L)
Fine Arts	ARTS 102	Color and Design Theory I	4050	AP 2-D Art and Design
Fine Arts	ARTS 103	Three-Dimensional Design	4052	AP 3-D Art and Design
Early Childhood Education	ECED 100	Introduction to Early Childhood Education	5412	Early Childhood Education I
Early Childhood Education	ECED 101	Health, Safety, and Nutrition	5412	Early Childhood Education I
Early Childhood Education	ECED 103	Curriculum in Early Childhood Classroom	5412 or 5406	Early Childhood Education I or Early Childhood Education II
Early Childhood Education	ECED 105	CDA Process	5406	Early Childhood Education II
Early Childhood Education	ECED 120	Child Growth and Development	5408	Education Professions I
Education	EDUC 101	Introduction to Teaching	5408	Education Professions I
Education	EDUC 121	Child and Adolescent Development	5408	Education Professions I
Education	EDUC 230	The Exceptional Child	5404	Education Professions II
Education	EDUC 233	Literacy Development through Children's Literature	5404	Education Professions II
Visual Communications	PHOT 104	Basic Photography	5570	Commercial Photography
Visual Communications	VIDT 210	Production Editing I	5992	Radio and Television II
Visual Communications	VISC 101	Fundamentals of Design	4050 or 4834	AP 2-D Art and Design or Design Fundamentals
Visual Communications	VISC 102	Fundamentals of Imaging	4082 or 4086 or 5550	Digital Design or Visual Communications or Graphic Design and Layout
Visual Communications	VISC 105	Video & Sound	5232 or 5986	Interactive Media or Radio and Television I
Visual Communications	VISC 110	Introduction to Web and Social Media	4574	Web Design
Visual Communications	VISC 111	Drawing for Visualization	4048 or 4060	AP Drawing or Drawing
Visual Communications	VISC 115	Intro to Computer Graphics	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

School of Business, Logistics, & Supply Chain

Program	Ivy Tech Community College		Indiana Department of Education	
	Course Number	Title	DOE Number	DOE State Approved Course Title
Accounting	ACCT 101	Financial Accounting	4524 and 4522	Intro to Accounting and Advanced Accounting
Accounting	ACCT 118	Financial Concepts for Accounting	5258	Banking and Investment Capstone
Business Operations Applications Technology	BOAT 101	Microsoft Outlook	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, and Entrepreneurship
Business Operations Applications Technology	BOAT 105	Microsoft Word	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, and Entrepreneurship
Business Operations Applications Technology	BOAT 109	Microsoft PowerPoint	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, and Entrepreneurship
Business Operations Applications Technology	BOAT 121	Team Dynamics and Today's Workplace	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, and Entrepreneurship
Business Operations Applications Technology	BOAT 201	Emerging Technologies	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, and Entrepreneurship
Business Operations Applications Technology	BOAT 207	Integrated Microsoft Office Applications	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, and Entrepreneurship
Business Operations Applications Technology	BOAT 214	Microsoft Project	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, and Entrepreneurship
Business Operations Applications Technology	BOAT 216	Business Communications	5968	Business, Marketing, and Entrepreneurship: Special Topics
Business Operations Applications Technology	BOAT 218	Microsoft Excel	5968	Business, Marketing, and Entrepreneurship: Special Topics
Business Operations Applications Technology	BOAT 222	Microsoft Access	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, and Entrepreneurship
Business	BUSN 101	Introduction to Business	4562	Principles of Business Management
Business	BUSN 105	Principles of Management	5268	Administrative and Office Management
Business	BUSN 201	Business Law	4560	Business Law and Ethics
Business	MKTG 101	Principles of Marketing	5914	Principles of Marketing
Business	MKTG 230	Consumer Behavior	5918	Strategic Marketing
Office Administration	CINS 101	Introduction to Microcomputers	4528	Digital Applications and Responsibility
Entrepreneurship	ENTR 101	The Entrepreneur and The Enterprise	5966	Entrepreneurship and New Ventures Capstone
Entrepreneurship	ENTR 105	Entrepreneurial Marketing and Market Research	5966	Entrepreneurship and New Ventures Capstone
Entrepreneurship	ENTR 201	Venture Growth and Development	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, and Entrepreneurship
Entrepreneurship	ENTR 205	Financial Management for Entrepreneurs	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, and Entrepreneurship
Entrepreneurship	ENTR 210	Entrepreneurial Tax and Finance	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, and Entrepreneurship
Entrepreneurship	ENTR 250	New Venture Development	6142	Advanced Career & Technical Education, College Credit: Business, Marketing, and Entrepreneurship

School of Business, Logistics, & Supply Chain Continued

Program	Ivy Tech Community College		Indiana Department of Education	
	Course Number	Title	DOE Number	DOE State Approved Course Title
Supply Chain Management/Logistics	LOGM 127	Introduction to Logistics	5602	Warehouse Operations and Materials Handling
Supply Chain Management/Logistics	LOGM 201	Logistics Quality and Lean Management	5602	Warehouse Operations and Materials Handling
Supply Chain Management/Logistics	LOGM 227	Supply Chain Management	5601	Supply Chain Management and Logistics
Supply Chain Management/Logistics	LOGM 228	Principles of Procurement	5601	Supply Chain Management and Logistics
Supply Chain Management/Logistics	LOGM 229	Transportation Systems	5602	Warehouse Operations and Materials Handling
Supply Chain Management/Logistics	LOGM 267	Operations Management	5601	Supply Chain Management and Logistics

School of Health Sciences

Program	Ivy Tech Community College		Indiana Department of Education	
	Course Number	Title	DOE Number	DOE State Approved Course Title
Health/Human Services	HLHS 100	Introduction to Health Careers	5282	Health Science Education I
Health/Human Services	HLHS 101	Medical Terminology	5274	Medical Terminology
Health/Human Services	HLHS 102	Essential Anatomy and Physiology	5282	Health Science Education I
Health/Human Services	HLHS 121	Customer Relations in Healthcare	6138	Advanced Career & Technical Education College Credit: Health Science
Health/Human Services	HLHS 123	Meal Planning in Healthcare	6138	Advanced Career & Technical Education College Credit: Health Science
Health/Human Services	HLHS 107	CNA Preparation	5282 or 5284	Health Science Education I or Health Science Education II: Nursing
Health/Human Services	HLHS 111	Health and Wellness for Life	5366	Human Development and Wellness
Health/Human Services	HLHS 113	Dementia Care	5282 or 5284	Health Science Education I or Health Science Education II: Nursing
Healthcare Specialist	HLHS 104	CPR/Basic Life Support	6138	Advanced Career & Technical Education College Credit: Health Science
Healthcare Specialist	HLHS 105	Medical Law and Ethics	6138	Advanced Career & Technical Education College Credit: Health Science
Healthcare Specialist	HLHS 122	Electronic Health Records	6138	Advanced Career & Technical Education College Credit: Health Science
Healthcare Specialist	HLHS 125	Behavioral Health	6138	Advanced Career & Technical Education College Credit: Health Science
Medical Assisting	MEAS 222	Medical Assisting Scribe Specialist	6138	Advanced Career & Technical Education College Credit: Health Science
Medical Assisting	MEAS 223	Medical Assisting Scribe Externship	6138	Advanced Career & Technical Education College Credit: Health Science
Medical Assisting	MEAS 225	CCMA Development Prep	6138	Advanced Career & Technical Education College Credit: Health Science
Paramedic Sciences	PARM 102	Emergency Medical Technician	5210	Emergency Medical Services

School of Information Technology

Program	Ivy Tech Community College		Indiana Department of Education	
	Course Number	Title	DOE Number	DOE State Approved Course Title
Database Administration and Management	DBMS 110	Database Design and Management	5250	Computer Science III: Databases
Informatics	INFM 109	Informatics Fundamentals	5251	Computer Science III: Informatics
Information Technology Support	ITSP 135	Hardware/Software Support	5230	IT Support
Information Technology Support	ITSP 175	IT Customer Support and Helpdesk Software	5231	Information Technology Support II
Network Infrastructure	NETI 109	Networking I	5234	Networking I: Infrastructure. Must follow the Cisco Network Academy CCNA Routing and Switching Curriculum.
Network Infrastructure	NETI 119	Networking II	5234	Networking I: Infrastructure. Must follow the Cisco Network Academy CCNA Routing and Switching Curriculum.
Network Infrastructure	NETI 209	Networking III	4588	Networking II: Infrastructure. Must follow the Cisco Network Academy CCNA Routing and Switching Curriculum.
Network Infrastructure	NETI 215	Connecting Networks	4578	Information Technology: Special Topics
Network Infrastructure	NETI 218	CCNA v7 Bridge	4578	Information Technology: Special Topics
Server Administration	SVAD 111	Linux and Virtualization Technologies Fundamentals	5257	Networking II: Servers
Server Administration	SVAD 121	Enterprise Computing	5257	Networking II: Servers
Software Development	SDEV 120	Computing Logic	4801	Computer Science I
Software Development	SDEV 140	Introduction to Software Development	5236	Computer Science II: Programming

School of Public Affairs & Social Service

Program	Ivy Tech Community College		Indiana Department of Education	
	Course Number	Title	DOE Number	DOE State Approved Course Title
Criminal Justice	CRIM 101	Introduction to Criminal Justice Systems	5822	Criminal Justice I
Criminal Justice	CRIM 103	Cultural Awareness	5824	Criminal Justice II
Criminal Justice	CRIM 105	Introduction to Criminology	5822	Criminal Justice I
Criminal Justice	CRIM 110	Introduction to Law Enforcement	5824	Criminal Justice II
Criminal Justice	CRIM 111	Intro to Traffic Enforcement and Investigation	6136	Advanced CTE, College Credit: Public Safety
Criminal Justice	CRIM 113	Criminal Investigation	6136	Advanced CTE, College Credit: Public Safety
Hospitality	HOSP 101	Sanitation and Safety	5440	Culinary Arts and Hospitality I
Hospitality	HOSP 102	Basic Food Theory and Skills	5440	Culinary Arts and Hospitality I
Hospitality	HOSP 104	Nutrition	5346 or 5458	Culinary Arts and Advanced Hospitality II: Culinary or Culinary Arts and Hospitality II: Hospitality Management
Hospitality	HOSP 105	Introduction to Baking	5346	Culinary Arts and Hospitality II: Culinary
Hospitality	HOSP 114	Introduction to Hospitality	5440	Culinary Arts and Hospitality I
Hospitality	HOSP 171	Introduction to Convention/Meeting Management	5440	Culinary Arts and Hospitality I
Hospitality	HOSP 215	Front Office	5458	Culinary Arts and Hospitality II: Hospitality Management
Hospitality	HOSP 272	The Tourism System	5458	Culinary Arts and Hospitality II: Hospitality Management
Homeland Security/ Public Safety	HSPS 101	Intro to Homeland Security	5822	Criminal Justice I
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
Homeland Security/ Public Safety	HSPS 106	Fire Suppression	5820	Fire and Rescue I
Homeland Security/ Public Safety	HSPS 120	Incident Management Systems I	5820	Fire and Rescue I
Homeland Security/ Public Safety	HSPS 121	Introduction to Hazardous Materials Recognition	5820	Fire and Rescue I
Homeland Security/ Public Safety	HSPS 125	Emergency Medical Responder	5210	Emergency Medical Services
Homeland Security/ Public Safety	HSPS 165	Fire Fighter I	5820	Fire and Rescue I
Homeland Security/ Public Safety	HSPS 167	Fire Fighter II	5820	Fire and Rescue I

School of Public Affairs & Social Service Continued

Program	Ivy Tech Community College		Indiana Department of Education	
	Course Number	Title	DOE Number	DOE State Approved Course Title
Human Services	HUMS 101	Introduction to Human Services	5462	Human and Social Services II
Human Services	HUMS 109	Understanding Diversity	5462	Human and Social Services II
Human Services	HUMS 113	Problems of Substance Abuse in Society	6138	Advanced Career & Technical Education College Credit: Health Science
Human Services	HUMS 114	Social Services in Long-Term Care	6138	Advanced Career & Technical Education College Credit: Health Science
Human Services	HUMS 135	Love, Romance, and Relationships	6138	Advanced Career & Technical Education College Credit: Health Science
Human Services	HUMS 140	Loss And Grief	6138	Advanced Career & Technical Education College Credit: Health Science
Human Services	HUMS 155	Family & Community Youth Work	6138	Advanced Career & Technical Education College Credit: Health Science

Core Transfer Library (CTL)

Program	Ivy Tech Community College		Indiana Department of Education	
	Course Number	Title	DOE Number	DOE State Approved Course Title
Accounting	ACCT 101	Financial Accounting	4524 and 4522	Intro to Accounting and Advanced Accounting
Liberal Arts & Sciences	ARTH 101	Survey of Art and Culture I	4025	AP Art History
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.
Liberal Arts & Sciences	ARTH 110	Art Appreciation	4024 or 4020	Art History or Advanced Art History
Fine Arts	ARTS 100	Life and Object Drawing I	4048 or 4060	AP Drawing or Drawing (L)
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.
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.
Liberal Arts & Sciences	BIOL 101	Introductory Biology	3026	Biology II (L)
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
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.
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.
Business	BUSN 101	Introduction to Business	4562	Principles of Business Management
Liberal Arts & Sciences	CHEM 101	Introductory Chemistry I	3066 or 3090	Chemistry II (L) or Advanced Science, College Credit
Liberal Arts & Sciences	CHEM 105	General Chemistry I	3060	AP Chemistry
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.
Office Administration	CINS 101	Introduction to Microcomputers	4528	Digital Applications and Responsibility
Liberal Arts & Sciences	COMM 101	Fundamentals of Public Speaking	1078	Advanced Speech & Communication
Liberal Arts & Sciences	COMM 102	Introduction to Interpersonal Communication	1078	Advanced Speech & Communication

Core Transfer Library (CTL) Continued

Program	Ivy Tech Community College		Indiana Department of Education	
	Course Number	Title	DOE Number	DOE State Approved Course Title
Criminal Justice	CRIM 101	Introduction to Criminal Justice Systems	5822	Criminal Justice I
Liberal Arts & Sciences	ECON 101	Economics Fundamentals	1514	Economics (must be at an advanced or honors level)
Liberal Arts & Sciences	ECON 201	Principles of Macroeconomics	1564 or 1574	AP Macroeconomics or Advanced Social Sciences, College Credit
Liberal Arts & Sciences	ECON 202	Principles of Microeconomics	1566 or 1574	AP Microeconomics or Advanced Social Sciences, College Credit
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)
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.
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.
Liberal Arts & Sciences	ENGL 211	Technical Writing	1096 or 1094	Technical Communication or Expository Writing
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
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.
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.
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.
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.
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.

Core Transfer Library (CTL) Continued

Program	Ivy Tech Community College		Indiana Department of Education	
	Course Number	Title	DOE Number	DOE State Approved Course Title
Liberal Arts & Sciences	FREN 101	French Level I	2024	French III
Liberal Arts & Sciences	FREN 102	French Level II	2024	French III
Liberal Arts & Sciences	FREN 201	French Level III	2026 or 2032	French IV or AP French Language
Liberal Arts & Sciences	FREN 202	French Level IV	2026 or 2032	French IV or AP French Language
Liberal Arts & Sciences	GERM 101	German Level I	2044	German III
Liberal Arts & Sciences	GERM 102	German Level II	2044	German III
Liberal Arts & Sciences	GERM 201	German Level III	2046 or 2052	German IV or AP German Language
Liberal Arts & Sciences	GERM 202	German Level IV	2046 or 2052	German IV or AP German Language
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
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
Health and Human Services	HLHS 101	Medical Terminology	5274	Medical Terminology
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.
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.
Liberal Arts & Sciences	MATH 123	Quantitative Reasoning	2550	Quantitative Reasoning
Liberal Arts & Sciences	MATH 135	Finite Math	2530	Finite Mathematics
Liberal Arts & Sciences	MATH 136	College Algebra	2564	Pre-Calculus: Algebra
Liberal Arts & Sciences	MATH 137	Trigonometry with Analytic Geometry	2566	Pre-Calculus: Trigonometry
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.
Liberal Arts & Sciences	MATH 211	Calculus I	2562 or 2527	AP Calculus AB or Calculus
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.

Core Transfer Library (CTL) Continued

Program	Ivy Tech Community College		Indiana Department of Education	
	Course Number	Title	DOE Number	DOE State Approved Course Title
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.
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.
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.
Liberal Arts & Sciences	PHYS 101	Physics I	3080	AP Physics I: Algebra-Based
Liberal Arts & Sciences	PHYS 102	Physics II	3081	AP Physics II: Algebra-Based
Liberal Arts & Sciences	PHYS 220	Mechanics	3088	AP Physics C (L)
Liberal Arts & Sciences	PHYS 221	Heat, Electricity and Optics	3088	AP Physics C (L)
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
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.
Liberal Arts & Sciences	POLS 211	Introduction to World Politics	1552	AP Comparative Government and Politics
Liberal Arts & Sciences	PSYC 101	Introduction to Psychology	1532 or 1558	Psychology (must be at an advanced or honors level) or AP Psychology
Liberal Arts & Sciences	SCIN 100	Earth Science	3046	Earth and Space Science II (L)
Liberal Arts & Sciences	SCIN 111	Physical Science	3086	Physics II
Liberal Arts & Sciences	SOCI 111	Introduction to Sociology	1534	Sociology
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.
Liberal Arts & Sciences	SPAN 101	Spanish Level I	2124	Spanish III
Liberal Arts & Sciences	SPAN 102	Spanish Level II	2124	Spanish III
Liberal Arts & Sciences	SPAN 201	Spanish Level III	2126 or 2132	Spanish IV; or AP Spanish Language
Liberal Arts & Sciences	SPAN 202	Spanish Level IV	2126 or 2132	Spanish IV; or AP Spanish Language

Non-CTL Liberal Arts Courses*

Program	Ivy Tech Community College		Indiana Department of Education	
	Course Number	Title	DOE Number	DOE State Approved Course Title
Life/Physical Science	APHY 101	Anatomy & Physiology I	5276	Anatomy & Physiology
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.
Life/Physical Science	BIOL 120	Environmental Science	3010 or 3012	Environmental Science (L) or AP Environmental Science (L)
Humanities	HIST 111	World Civilization I	1574	World History and Civilization

* Liberal arts courses included in the Core Transfer Library are listed separately in this crosswalk.