INDIANA SECONDARY CAREER AND TECHNICAL EDUCATION PROGRAMS FUNDING CROSSWALK 2009-2010

CIP Code	Federal Program Title	DOE Course Code	Official State Approved DOE Course Titles	Demand: High Moderate Low	Wage: High Moderate Low	09-10 $ x Cr. Hrs. on Count Day
	Last Updated May 14, 2009					2004-2014 Data
CIP	**Agriculture, Food & Natural Resources**	**Course Code**	**Official State Approved DOE Course Titles**	**Demand**	**Wage**	**$ Amt.**
01.0101	Agricultural Business and Management, General	5056	Fund of Ag Science & Bus	Moderate	High	$375
01.0102	Agribusiness/Agricultural Business Operations	5002	Agribusiness Management	Moderate	High	$375
01.0104	Farm/Farm and Ranch Management	5022	Farm Management	High	High	$450
01.0201	Agricultural Mechanization, General	5088	Agricultural Mechanization	Moderate	High	$375
01.0401	Agricultural and Food Products Processing	5102	Food Science	High	High	$450
01.0603	Ornamental Horticulture	5132	Horticultural Science	High	High	$450
01.0605	Landscaping and Groundskeeping	5136	Landscape Management	High	High	$450
01.0901	Animal Sciences, General	5008	Animal Sciences	High	High	$450
01.1001	Food Science	5072	Advanced Life Science: Foods (L)	High	High	$450
01.1102	Agronomy and Crop Science	5170	Plant & Soil Science	High	High	$450
03.0299	Natural Resources Management & Policy, Other	5180	Natural Resource Mgmt.	Low	High	$300
26.0301	Botany/Plant Biology	5074	Advanced Life Science: Plants and Soils (L)	Moderate	High	$375
26.0701	Zoology/Animal Biology	5070	Advanced Life Science: Animals (L)	Moderate	High	$375
CIP	**Architecture & Construction**	**Course Code**	**Official State Approved DOE Course Titles**	**Demand**	**Wage**	**$ Amt.**
15.1301	Drafting and Design Technology/Technician, General	5640	Drafting and Computer Aided Design (CAD)	Moderate	High	$375
15.1303	Architectural Drafting & Architectural CAD/CADD	5640	Drafting & Computer Aided Design (Architectural Drafting)	Moderate	High	$375
46.0101	Mason/Masonry	5580	Building Trades Technology	High	High	$450
46.0201	Carpentry/Carpenter	5580	Building Trades Technology	High	High	$450
46.0302	Electrician	); 5688; 5692; 5	Building Trades Technology; Home Technology Integration; Mobile Electronics; Integrated Electronics	High	High	$450
46.0401	Building/Property Maintenance & Management	5592	Building and Facilities Management	High	High	$450
46.0503	Plumbing Technology/Plumber	5580	Building Trades Technology	High	High	$450
47.0101	Electrical/Electronics Equipment Installation and Repair, General	5684	Electronics Technology	Moderate	High	$375
47.0106	Appliance Installation and Repair Technology/Technician	5504	Appliance Technology	Moderate	High	$375
47.0201	Heating, AC, Vent. & Refrig. Maintenance Technology/Technician	5496	Heating, Ventilation, Air Conditioning& Refrigeration	High	High	$450
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	5580	Building Trades Technology	High	High	$450
CIP	**Arts, AV Technology & Communications**	**Course Code**	**Official State Approved DOE Course Titles**	**Demand**	**Wage**	**$ Amt.**
09.0701	Radio and Television	5986	Radio/TV Broadcasting/Telecommunications	High	High	$450
10.0304	Animation, Interactive Technology, Video Graphics and Special Effects	5530	3D Computer Animation and Visualization	Moderate	High	$375
10.0305	Graphic & Printing Equipment Operator, General	5572	Graphic Imaging Technology	High	High	$450
50.0402	Commercial and Advertising Art	5550	Commercial Art and Graphic Design	High	High	$450
50.0406	Commercial Photography	5570	Commercial Photography	High	High	$450
50.0407	Fashion/Apparel Design	5420	Fashion and Textile Careers Occ I & II	Moderate	High	$375
50.0408	Interior Design	5460	Housing & Interior Design Careers I & II	High	High	$450
50.0502	Technical Theater/Theater Design	NA	Cooperative Education or Non Standard Course Waiver	Moderate	High	$450
CIP	**Business, Management & Administration**	**Course Code**	**Official State Approved DOE Course Titles**	**Demand**	**Wage**	**$ Amt.**
22.0302	Legal Assistant/Paralegal	5240	Business Technology Lab II	High	High	$450
52.0204	Office Management & Supervision	5240	Business Technology Lab II	High	High	$450
52.0207	Customer Service Management	5240 5230, 5990	Bus Tech Lab II; IT: Information Support/Services; Marketing Field Experience	High	High	$450
52.0407	Business/Office Automation/Technology/Data Entry	5244	Business Technology Lab I	High	Moderate	$375
52.0701	Entrepreneurship/Entrepreneurial Studies	5966	Entrepreneurship Academy	High	High	$450
52.0703	Small Business Administration/Management	5268	Business, Management, and Finance	High	High	$450
52.9999	Business, Management, Marketing and Related Support Services, Other	5256	Professional Career Internship	High	High	$450

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CIP	Education & Training	Course Code	Official State Approved DOE Course Titles	Demand	Wage	$ Amt.
13.1206	Teacher Education, Mutliple Levels	5408	Education Professions I & II	High	High	$450
13.1210	Early Childhood Education and Teaching	5412	Early Childhood Education I & II	High	High	$450
CIP	Finance	Course Code	Official State Approved DOE Course Titles	Demand	Wage	$ Amt.
52.0304	Accounting and Finance	5268, 5258	Business, Management and Finance; Finance Academy	High	High	$450
52.0803	Banking and Financial Support Services	5244; 5990	Business Technology Lab I; Marketing Field Experience	High	High	$450
52.0804	Financial Planning and Services	5258	Finance Academy	High	High	$450
52.0807	Investments and Securities	5258	Finance Academy	High	High	$450
CIP	Government & Public Administration	Course Code	Official State Approved DOE Course Titles	Demand	Wage	$ Amt.
19.0604	Facilities Planning and Management	5472	Residential and Commercial Facilities Management Careers I & II	Moderate	High	$375
44.0000	Human Services, General	5462	Human and Family Services Careers I & II	High	High	$450
44.0401	Public Administration	5462	Human and Family Services Careers I & II	High	High	$450
44.0702	Youth Services/Administration	5462	Human and Family Services Careers I & II	High	High	$450
CIP	Health Science	Course Code	Official State Approved DOE Course Titles	Demand	Wage	$ Amt.
19.0702	Adult Development and Aging	5462	Adult and Elder Care Careers I & II	Low	High	$300
26.0101	Biology/Biological Sciences, General	5216	Human Body Systems	Moderate	High	$375
26.0102	Biomedical Sciences, General	5294, 5296	Integrated Health Sciences I & II;	High	High	$375
26.0403	Anatomy	5276	Anatomy & Physiology	High	High	$450
30.1901	Nutrition Sciences	5456	Food and Nutrition Science Careers I & II	High	High	$450
51.0100	Health Career Practicum	5207	Health Career Practicum	High	Moderate	$375
51.0601	Dental Assisting/Assistant	)3, 5204, 5205, 52	Dental Assisting I, II, III, and IV	High	High	$450
51.0801	Medical Clinical/Assistant	5213	Intro to Medical Assisting	High	Moderate	$375
51.0802	Clinical/Medical Laboratory Assistant	5282, 5284, 5286	Health Careers I, II, and III	High	High	$450
51.0805	Pharmacy Technician/Assistant	5214	Intro to Pharmacy	High	High	$450
51.0806	Physical Therapist/Assistant	5215	Intro to Physical Therapy	High	High	$450
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	5210	Intro to Emergency Medical Services	High	High	$450
51.0909	Surgical/Technology/Technologist	5211	Intro to Health Care Specialties	High	High	$450
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Othe	5211, 5212, 5272	Intro Health Care Spec; Intro Health Care Tech; Intro Health Care Systems	High	High	$450
51.1101	Pre-Dentistry Studies	5209	Intro to Dental Health Sciences	High	High	$450
51.1102	Pre-Medicine Studies	5218	Principles of Biomedical Sciences	High	High	$450
51.1103	Pre-Pharmacy Studies	5214	Introduction to Pharmacy	High	High	$450
51.1104	Pre-Veterinary Studies	5282, 5284, 5286	Health Careers I, II, and III	High	High	$450
51.1199	Health/Medical Preparatory Programs, Other	5274; 5219	Medical Terminology; Science Research	High	High	$450
51.1504	Community Heath Services/Liaison/Counseling	5208	Intro to Community Health Services	Moderate	High	$375
51.1601	Nursing/Registered Nurse (RN, ASN, BSN, MSN)	5282, 5284, 5286	Health Careers I, II, and III	High	High	$450
51.1614	Nurse/Nursing Assistant/Aide and Patient Care Assistant	82, 5284, 5286, 52	Health Careers I, II, and III; Introduction to Community Health Services	High	Moderate	$375
51.2602	Home Health Aide/Home Attendant	5208	Introduction to Community Health Services	High	Moderate	$375
51.3101	Dietetics/Dietitian	5456	Food and Nutrition Science Careers I & II	Moderate	High	$375
CIP	Hospitality and Tourism	Course Code	Official State Approved DOE Course Titles	Demand	Wage	$ Amt.
52.0901	Hospitality Administration/Management	5982	Hospitality, Travel & Tourism	High	High	$450
52.0904	Hotel/Motel Administration Management	5458	Hotel Academy	High	High	$450

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CIP	Human Services	Course Code	Official State Approved DOE Course Titles	Demand	Wage	$ Amt.
12.0401	Cosmetology/Cosmetologist, General	5802	Cosmetology	High	Moderate	$375
12.0402	Barbering/Barber	5802	Cosmetlology	Moderate	Moderate	$300
12.0504	Restaurant, Culinary, and Catering Management/Manager	5440	Culinary Arts Careers I, II, & III	High	High	$450
19.0403	Consumer Services and Advocacy	5430	Consumer Service Careers I & II	Low	High	$300
19.0699	Housing and Human Environments Other	5460	Housing & Interior Design Careers I & II	Low	High	$300
19.0707	Family and Community Services	5462	Human and Family Services Careers I & II	Low	High	$300
19.0708	Child Care and Support Services Management	5412	Early Childhood Education I & II	High	High	$450
CIP	Information Technology	Course Code	Official State Approved DOE Course Titles	Demand	Wage	$ Amt.
10.0303	Desktop Publishing and Digital Imaging Design	5240	Business Technology Lab II	Moderate	High	$375
11.0201	Computer Programming/Programmer, General	5236	Information Technology: Programming and Software Development	High	High	$450
11.0301	Data Processing and Data Processing Technology/Technician	5240	Business Technology Lab II	High	High	$450
11.0601	Data Entry/Microcomputer Applications, General	5244	Business Technology Lab I	High	Moderate	$375
11.0801	Web Page, Digital/Multimedia and Information Resources Design	5232	Information Technology: Interactive Media	High	High	$450
11.0802	Data Modeling/Warehousing and Database Administration	5230	Information Technology: Information Support and Services	Moderate	High	$375
11.0803	Computer Graphics	5232	Information Technology: Interactive Media	High	High	$450
11.0901	Computer Systems Networking and Telecommunications	5234	Information Technology: Network Systems	High	High	$450
11.1002	System, Networking, and LAN/WAN Management/Manager	5532	Computer Network Technology	High	High	$450
11.1004	Web/Multimedia Management and Webmaster	5240	Business Technology Lab II	High	High	$450
47.0104	Computer Installation and Repair Technology/Technician	5536	Computer Repair & Maintenance Tech	High	High	$450
52.0411	Customer Service Support/Call Center/Teleservice Operation	5230	Information Technology: Information Support and Services	High	High	$450
52.1201	Management Information Systems, General	5244	Business Technology Lab I	High	High	$450
CIP	Law, Public Safety, Corrections & Security	Course Code	Official State Approved DOE Course Titles	Demand	Wage	$ Amt.
43.0107	Criminal Justice/Police Science	5822	Law Enforcement	High	High	$450
43.0203	Fire Science/Firefighting	5820	Fire Science	High	High	$450
CIP	Manufacturing	Course Code	Official State Approved DOE Course Titles	Demand	Wage	$ Amt.
19.0902	Apparel and Textile Manufacture	5420	Fashion and Textile Careers Occ I & II	Moderate	High	$375
47.0303	Industrial Mechanics and Maintenance Technology/Technician	5686	Industrial Repair & Maintenance	High	High	$450
48.0501	Machine Tool Technology/Machinist	5782	Precision Machine Technology	High	High	$450
48.0508	Welding Technology/Welder	5776	Welding Technology	High	High	$450
48.0702	Furniture Design and Manufacturing	5888	Cabinet and Furniture Manufacturing	Moderate	Moderate	$300
CIP	Marketing, Sales & Promotion	Course Code	Official State Approved DOE Course Titles	Demand	Wage	$ Amt.
09.0903	Advertising	5990	Marketing Field Experience	High	High	$450
52.1401	Marketing/Marketing Management, General	5988	Marketing Management Seminar	High	High	$450
52.1801	Sales, Distribution and Marketing Operations, General	5914	Marketing Foundations	High	High	$450
52.1899	General Merchandising, Sales, and Related Marketing Operations, Other	5990	Marketing Field Experience	High	High	$450
52.1902	Fashion Merchandising	5962	Fashion Merchandising	High	High	$450
52.1910	Hospitality and Recreation Marketing Operations	5984	Sports, Recreation, and Entertainment Marketing	Moderate	High	$375

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CIP	Science, Technology, Engineering & Mathematics	Course Code	Official State Approved DOE Course Titles	Demand	Wage	$ Amt.
14.0201	Aerospace, Aeronautical and Astronautical Engineering	5518	Aerospace Engineering Technology	High	High	$450
14.0401	Architectural Engineering	5650	Civil-Architectural Engineering	High	High	$450
14.0501	Biomedical/Medical Engineering	5648; 5217	Biotechnical Engineering; Medical Intervention	High	High	$450
14.1901	Mechanical Engineering	5534; 5608	Computer Integrated Manufacturing; Advanced Manufacturing	High	High	$450
14.9999	Engineering	5644	Engineering, Intro to Engineering Design, Principles of Engineering, Engineering Design and Development	High	High	$450
15.0303	Electrical, Electronic and Coummunications Engineering Technology/Tc	5538	Digital Electronics Technology	Moderate	High	$375
15.0607	Plastics Engineering Technology/Technician	5810	Plastics Technology	High	High	$450
CIP	Transportation, Distribution & Logistics	Course Code	Official State Approved DOE Course Titles	Demand	Wage	$ Amt.
49.0101	Aeronautics/Aviation/Aerospace Science Technology, General	5528	Aviation Support Operations	High	High	$450
49.0102	Airline/Commercial/Professional Pilot and Flight Crew	5524	Aircraft Operations	Moderate	High	$375
49.0205	Truck and Bus Driver/Commercial Vehicle Operation	5622	Tractor/Trailer Operation	High	High	$450
47.0603	Autobody/Collision and Repair Technology/Technician	5514	Automotive Collision Repair Technology	High	High	$450
47.0604	Automobile/Automotive Mechanics Technology/Technician	5510	Automotive Services Technology	High	High	$450
47.0605	Diesel Mechanics Technology/Technician	5620	Diesel Service Technology	High	High	$450
47.0606	Small Engine Mechanics and Repair Technology/Technician	5842	Recreational & Portable Power Equipment	Moderate	High	$375
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	5520	Aviation Maintenance Technology	Moderate	High	$375
47.0611	Motorcycle Maintenance and Repair Technology/Technician	5842	Recreational & Portable Power Equipment	Low	Moderate	$225
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	5842	Marine Maintenance	Moderate	High	$375
52.0203	Logistics and Materials Management	NA	Cooperative Education or Non Standard Course Waiver	High	High	$450
	"Other" Career and Technical Education Programs					
CIP	Family and Consumer Sciences (FACS)	Course Code	Official State Approved DOE Course Titles			$ Amt.
19.0000	Work and Family Studies.	5394	Orientation to Life and Careers			$250
19.0299	Family and Consumer Sciences/Human Sciences Business Services, Othe	5336	Family and Consumer Sciences Issues and Applications			$250
19.0401	Family Resource Management Studies, General.	5330	Adult Roles and Responsibilities			$250
19.0402	Consumer Economics.	5334	Consumer Economics			$250
19.0499	Family/Consumer Resourcce Management	5484	Personal Resource Management and Family Finance			$250
19.0501	Foods, Nutrition, and Wellness Studies, General.	5342	Nutrition and Wellness			$250
19.0504	Human Nutrition.	5340	Advanced Nutrition and Foods			$250
19.0599	Foods, Nutrition, and Related Services, Other.	5344	Chemistry of Food			$250
19.0601	Housing and Human Environments, General.	5350	Housing and Interior Design Foundations			$250
19.0701	Human Development and Family Studies, General.	5360	Advanced Child Development			$250
19.0704	Family Systems	5364	Interpersonal Relationships/Family Relationships			$250
19.0706	Child Development.	5362	Child Development and Parenting			$250
19.0799	Human Development, Family Studies, and Related Services, Other.	5366	Human Development and Family Wellness			$250
19.0901	Apparel and Textiles, General.	5380	Fashion and Textiles Foundations			$250
CIP	Business	Course Code	Official State Approved DOE Course Titles			$ Amt.
52.0299	Business Administration, Management, and Operations, Other	5254	Career Planning and Success Skills			$250

Demand Definition:	Wage Definition:
More than moderate implies a demand level of 801 and higher	*More than moderate wage is $13.01 and higher average wage*
Moderate demand implies a demand level of 201 to 800	*Moderate wage implies that average wage is between $8.01 and $13.00*
Less than moderate demand implies a demand level of 200 or less	*Less than moderate wage is $8.00 and below*