

Indiana Secondary Career and Technical Education Courses 2017-2018 Funding Chart – May 4, 2017

NOTE: This document will be posted online at www.doe.in.gov/cte

IDOE Course Code	Official State Approved IDOE Course Titles	Cluster/ Subject Area	Credits Per Semester	Max Credits Allowed	Demand*	Wage*	CTE Funding Level
5268	Administrative and Office Management (replaces Advanced Business Management in 2016)	BFM	1-2	4	High	High	\$500
5330	Adult Roles and Responsibilities	ED	1	1	Foundational	Foundational	\$150 per pupil
4522	Advanced Accounting (added in 2015)	BFM	1	2	Introductory	Introductory	\$300 per pupil
5360	Advanced Child Development	ED	1	2	Introductory	Introductory	\$300 per pupil
5070	Advanced Life Science: Animals (L)	AG	1	2	Moderate	High	\$450
5072	Advanced Life Science: Foods (Chemistry of Foods) (L)	AG F&CS	1	2	Moderate	High	\$450
5074	Advanced Life Science: Plants and Soils (L)	AG	1	2	Moderate	High	\$450
5608	Advanced Manufacturing I	MAN	1-3	6	High	High	\$500
5606	Advanced Manufacturing II	MAN	1-3	6	High	High	\$500
5340	Advanced Nutrition and Wellness	HHS	1	2	Introductory	Introductory	\$300 per pupil
5518	Aerospace Engineering non PLTW	ENGI	1	2	High	High	\$500
4816	Aerospace Engineering PLTW	ENGI	1	2	High	High	\$500
5002	Agribusiness Management	AG	1	2	Moderate	High	\$450
5088	Agriculture Power, Structure and Technology	AG	1-3	6	Moderate	High	\$450
5276	Anatomy and Physiology	HS	1	2	Moderate	High	\$450
5008	Animal Science	AG	1-3	6	Moderate	High	\$450
5640	Architectural Drafting and Design I	A&C	1-3	6	Moderate	High	\$450
5652	Architectural Drafting and Design II	A&C	1-3	6	Moderate	High	\$450
5514	Automotive Collision Repair I (replaced Auto Collision Repair Technology I 2014)	T&L	1-3	6	High	High	\$500
5544	Automotive Collision Repair II (replaced Auto Collision Repair Technology II 2014)	T&L	1-3	6	High	High	\$500
5510	Automotive Services Technology I	T&L	1-3	6	High	High	\$500
5546	Automotive Services Technology II	T&L	1-3	6	High	High	\$500
5524	Aviation Flight	T&L	1-3	6	Moderate	High	\$450
5520	Aviation Maintenance I (replaces Aviation Maintenance in 2016)	T&L	1-3	6	Moderate	High	\$450
5522	Aviation Maintenance II (NEW 2016-2017)	T&L	1-3	6	Moderate	High	\$450
5528	Aviation Operations	T&L	1-3	6	Moderate	High	\$450
5258	Banking and Investment Capstone (replaces Banking and Investment Careers in 2016-2017)	BFM	1-3	6	High	High	\$500
5344	Biochemistry of Foods (L) (replaces Chemistry of Foods in 2016-2017)	F&CS	1	2	Moderate	High	\$450
5648	Biotechnical Engineering non PLTW	ENGI	1	2	Moderate	High	\$450
4818	Biotechnical Engineering PLTW	ENGI	1	2	Moderate	High	\$450

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5593	Building & Facilities Maintenance I	A&C	1-3	6	High	High	\$500
5594	Building & Facilities Maintenance II	A&C	1-3	6	High	High	\$500
5592	Building & Facilities Management I	A&C	1-3	6	High	High	\$500
5595	Building & Facilities Management II	A&C	1-3	6	High	High	\$500
4560	Business Law and Ethics	BFM	1	2	Introductory	Introductory	\$300 per pupil
5239	Career & Technical Education Pilot Course: <u>Insert title descriptive of course content</u> (new 2014)	CTE	1-3	6	Introductory	Introductory	\$300 per pupil
5362	Child Development	ED	1	1	Foundational	Foundational	\$150 per pupil
5650	Civil Engineering and Architecture non PLTW	ENGI	1	2	Moderate	High	\$450
4820	Civil Engineering and Architecture PLTW	ENGI	1	2	Moderate	High	\$450
5570	Commercial Photography	AV	1-3	6	High	Moderate	\$450
5534	Computer Integrated Manufacturing non PLTW	ENGI	1	2	Moderate	High	\$450
4810	Computer Integrated Manufacturing PLTW	ENGI	1	2	Moderate	High	\$450
4801	Computer Science I (generic title replaced PLTW Computer Science and Software Engineering and Computer Programming I 2015-2016)	IT	1	2	High	High	\$500
5250	Computer Science II: Databases (NEW 2015-2016)	IT	1-3	6	Moderate	High	\$450
5251	Computer Science II: Informatics (NEW 2015-2016)	IT	1-3	6	High	High	\$500
5236	Computer Science II: Programming (replaced Computer Programming II in 2015-2016)	IT	1-3	6	High	High	\$500
5252	Computer Science II: Special Topics: <u>Insert title descriptive of course content</u> (NEW 2015-2016)	IT	1-3	6	High	High	\$500
5230	Computer Tech Support	IT	1-3	6	Moderate	High	\$450
4800	Computers in Design and Production	MAN	1	2	Introductory	Introductory	\$300 per pupil
5496	Construction Technology HVAC I	A&C	1-3	6	High	High	\$500
5498	Construction Technology HVAC II	A&C	1-3	6	High	High	\$500
5580	Construction Trades I (replaced Construction Technology I 2014)	A&C	1-3	6	High	High	\$500
5578	Construction Trades II (replaced Construction Technology II 2014)	A&C	1-3	6	High	High	\$500
4830	Construction Trades: Electrical I (replaced Construction Technology: Electrical I 2014)	A&C	1-3	6	High	High	\$500
4832	Construction Trades: Electrical II (replaced Construction Technology: Electrical II 2014)	A&C	1-3	6	High	High	\$500
5497	Construction Trades: Heavy Equipment I (replaced Construction Technology: Heavy Equip I 2014)	A&C	1-3	6	High	High	\$500
5495	Construction Trades: Heavy Equipment II (replaced Construction Technology: Heavy Equip II 2014)	A&C	1-3	6	High	High	\$500
5334	Consumer Economics	F&CS	1	1	Foundational	Foundational	\$150 per pupil
5802	Cosmetology I	HHS	1-3	6	High	Moderate	\$450
5806	Cosmetology II	HHS	1-3	6	High	Moderate	\$450
5822	Criminal Justice I	PS	1-3	6	High	High	\$500

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5824	Criminal Justice II Advanced	PS	1-3	6	High	High	\$500
5440	Culinary Arts and Hospitality I (replaces Culinary Arts and Hospitality Management in 2016-2017)	HHS	1-3	6	High	High	\$500
5346	Culinary Arts and Hospitality II: Culinary Arts (replaces Advanced Culinary Arts in 2016-2017)	HHS	1-3	6	High	High	\$500
5458	Culinary Arts and Hospitality II: Hospitality Management (replaces Advanced Hospitality Management in 2016-2017)	HHS	1-3	6	High	High	\$500
5203	Dental Careers I	HS	1-3	6	High	High	\$500
5204	Dental Careers II	HS	1-3	6	High	High	\$500
5620	Diesel Service Technology I	T&L	1-3	6	High	High	\$500
5624	Diesel Service Technology II	T&L	1-3	6	High	High	\$500
5538	Digital Electronics non PLTW	ENGI	1	2	Moderate	High	\$450
4826	Digital Electronics PLTW	ENGI	1	2	Moderate	High	\$450
5412	Early Childhood Education I	ED	1-3	6	High	High	\$500
5406	Early Childhood Education II	ED	1-3	6	High	High	\$500
5408	Education Professions I	ED	1-3	6	High	High	\$500
5404	Education Professions II	ED	1-3	6	High	High	\$500
5684	Electronics and Computer Technology I	MAN	1-3	6	Moderate	High	\$450
5694	Electronics and Computer Technology II	MAN	1-3	6	Moderate	High	\$450
5210	Emergency Medical Services	PS	1-3	6	High	Moderate	\$450
5616	Energy Industry I (NEW 2015-2016)	STEM	1-3	6	High	High	\$500
5618	Energy Industry II (NEW 2015-2016)	STEM	1-3	6	High	High	\$500
5698	Engineering Design and Development non PLTW	ENGI	1	2	High	High	\$500
4828	Engineering Design and Development PLTW	ENGI	1	2	High	High	\$500
5966	Entrepreneurship and New Ventures Capstone (replaces Entrepreneurship and New Ventures in 2016-2017)	BFM	1-3	6	High	High	\$500
5420	Fashion and Textile Careers I	F&CS	1-3	6	High	High	\$500
5421	Fashion and Textile Careers II	F&CS	1-3	6	High	High	\$500
5820	Fire and Rescue I	PS	1-3	6	High	High	\$500
5826	Fire and Rescue II	PS	1-3	6	High	High	\$500
5102	Food Science	AG	1	2	Moderate	High	\$450
5550	Graphic Design and Layout	AV	1-3	6	High	High	\$500
5572	Graphic Imaging Technology	AV	1-3	6	High	High	\$500
5282	Health Science Education I	HS	1-3	6	High	High	\$500
5290	Health Science Education II: Athletic Training (NEW 2015-2016)	HS	1-3	6	High	High	\$500
5288	Health Science Education II: Medical Forensics (NEW 2015-2016)	HS	1-3	6	High	High	\$500

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5284	Health Science Education II: Nursing	HS	1-3	6	High	High	\$500
5214	Health Science II: Pharmacy	HS	1-3	6	High	Moderate	\$450
5215	Health Science II: Physical Therapy	HS	1-3	6	High	High	\$500
5286	Health Science II: Special Topics	HS	1-3	6	High	High	\$500
5132	Horticultural Science	AG	1-3	6	Moderate	High	\$450
5352	Housing and Interior Design Careers I (new in 2014)	F&CS	1-3	6	Moderate	High	\$450
5460	Housing and Interior Design Careers II (replaced Housing & Interior Design Careers I, II 2014)	F&CS	1-3	6	Moderate	High	\$450
5336	Human and Social Services I	HHS	1-3	6	High	High	\$500
5462	Human and Social Services II	HHS	1-3	6	High	High	\$500
5366	Human Development and Wellness	HHS	1	2	Introductory	Introductory	\$300 per pupil
5610	Industrial Automation and Robotics I (replaces Automation and Robotics I in 2016-2017)	MAN	1-3	6	High	High	\$500
5612	Industrial Automation and Robotics II (replaces Automation and Robotics II in 2016-2017)	MAN	1-3	6	High	High	\$500
5686	Industrial Technical Maintenance I (replaces Industrial Repair and Maintenance in 2016-2017)	A&C	1-3	6	High	High	\$500
5688	Industrial Technical Maintenance II (new in 2016-2017)	A&C	1-3	6	High	High	\$500
5232	Interactive Media	AV	1-3	6	High	High	\$500
5902	Interdisciplinary Cooperative Education	WBL	1-3	6	WBL	WBL	\$300 per pupil
5364	Interpersonal Relationships	HHS	1	1/1	Foundational	Foundational	\$150 per pupil
4524	Introduction to Accounting (replaces Accounting in 2015)	BFM	1	2	Introductory	Introductory	\$300 per pupil
4796	Introduction to Advanced Manufacturing and Logistics	MAN	1	2	Introductory	Introductory	\$300 per pupil
5056	Introduction to Agriculture, Food and Natural Resources	AG	1	2	Introductory	Introductory	\$300 per pupil
4790	Introduction to Communication	AV	1	2	Introductory	Introductory	\$300 per pupil
4792	Introduction to Construction	A&C	1	2	Introductory	Introductory	\$300 per pupil
5438	Introduction to Culinary Arts and Hospitality	HHS	1	2	Introductory	Introductory	\$300 per pupil
4794	Introduction to Design Processes	AV	1	2	Introductory	Introductory	\$300 per pupil
4802	Introduction to Engineering Design non PLTW	ENGI	1	2	Introductory	Introductory	\$300 per pupil
4812	Introduction to Engineering Design PLTW	ENGI	1	2	Introductory	Introductory	\$300 per pupil
5380	Introduction to Fashion and Textiles	F&CS	1	2	Introductory	Introductory	\$300 per pupil
5272	Introduction to Health Science Careers	HS	1	2	Introductory	Introductory	\$300 per pupil
5350	Introduction to Housing and Interior Design	A&C	1	2	Introductory	Introductory	\$300 per pupil
4784	Introduction to Manufacturing	MAN	1	2	Introductory	Introductory	\$300 per pupil
5614	Introduction to the Energy Industry (NEW 2015-2016)	STEM	1	2	Introductory	Introductory	\$300 per pupil
4798	Introduction to Transportation	T&L	1	2	Introductory	Introductory	\$300 per pupil
5136	Landscape Management I	AG	1-3	6	High	High	\$500

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5137	Landscape Management II	AG	1-3	6	High	High	\$500
5982	Marketing in Hospitality	BFM	1	2	Low	High	\$300
4836	Mechanical Drafting and Design I	A&C	1-3	6	Moderate	High	\$450
4838	Mechanical Drafting and Design II	A&C	1-3	6	Moderate	High	\$450
5274	Medical Terminology	HS	1	2	Moderate	High	\$450
5962	Merchandising	BFM	1	2	Moderate	High	\$450
5180	Natural Resources	AG	1	2	Low	High	\$300
5234	Networking I (replaces Network Fundamentals in 2016-2017)	IT	1-3	6	High	High	\$500
4588	Networking II: Infrastructure (replaces Infrastructure of the Internet in 2016-2017)	IT	1-3	6	High	High	\$500
5257	Networking II: Servers (replaces Servers and Security in 2016-2017)	IT	1-3	6	High	High	\$500
5342	Nutrition and Wellness	HHS	1	1	Foundational	Foundational	\$150 per pupil
5456	Nutrition Science Careers I	F&CS	1-3	6	High	High	\$500
5457	Nutrition Science Careers II	F&CS	1-3	6	High	High	\$500
5170	Plant and Soil Science	AG	1	2	High	High	\$500
5219	PLTW Biomedical Innovation	HS-B	1	2	High	High	\$500
5216	PLTW Human Body Systems	HS-B	1	2	High	High	\$500
5217	PLTW Medical Interventions	HS-B	1	2	High	High	\$500
5218	PLTW Principles of Biomedical Sciences	HS-B	1	2	High	High	\$500
5782	Precision Machining I	MAN	1-3	6	High	High	\$500
5784	Precision Machining II	MAN	1-3	6	High	High	\$500
5394	Preparing for College and Careers	B, F&CS	1	1	Foundational	Foundational	\$150 per pupil
4562	Principles of Business Management	BFM	1	2	High	High	\$500
5644	Principles of Engineering non PLTW	ENGI	1	2	High	High	\$500
4814	Principles of Engineering PLTW	ENGI	1	2	High	High	\$500
5914	Principles of Marketing	BFM	1	2	High	High	\$500
5986	Radio and Television I	AV	1-3	6	High	High	\$500
5992	Radio and Television II	AV	1-3	6	High	High	\$500
5842	Recreational and Mobile Equipment I	T&L	1-3	6	Moderate	High	\$450
5844	Recreational and Mobile Equipment II	T&L	1-3	6	Moderate	High	\$450
5472	Residential Property Management Careers I (replaced Residential and Commercial Facilities Management Careers I 2014)	A&C	1-3	6	High	High	\$500
5858	Residential Property Management Careers II (replaced Residential and Commercial Facilities Management Careers II 2014)	A&C	1-3	6	High	High	\$500
5984	Sports and Entertainment Marketing	BFM	1	2	Low	High	\$300
5918	Strategic Marketing	BFM	1-2	4	High	High	\$500

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5601	Supply Chain Management and Logistics	T&L	1-3	6	High	High	\$500
5229	Sustainable Energy Alternatives	AG	1	2	Moderate	High	\$450
5530	Three D Computer Animation and Visualization	AV	1-3	6	Moderate	High	\$450
5622	Tractor/Trailer Operation	T&L	1-3	3	High	High	\$500
5211	Veterinary Careers I	HS	1-3	6	Moderate	High	\$450
5212	Veterinary Careers II	HS	1-3	6	Moderate	High	\$450
5602	Warehouse Operations and Materials Handling	T&L	1-3	6	Moderate	High	\$450
5776	Welding Technology I	MAN	1-3	6	High	High	\$500
5778	Welding Technology II	MAN	1-3	6	High	High	\$500
5975	Work Based Learning Capstone, Advanced Manufacturing (replaces Work Based Learning, Advanced Manufacturing in 2016-2017)	MAN	1-3	6	WBL	WBL	\$300 per pupil
5260	Work Based Learning Capstone, Business and Marketing (replaces Work Based Learning, Business and Marketing in 2016-2017)	BFM	1-3	6	WBL	WBL	\$300 per pupil
5480	Work Based Learning Capstone, Family and Consumer Sciences (replaces Work Based Learning, Family and Consumer Sciences in 2016-2017)	F&CS	1-3	6	WBL	WBL	\$300 per pupil
5207	Work Based Learning Capstone, Health Science (replaces Work Based Learning, Health Science in 2016-2017)	HS	1-3	6	WBL	WBL	\$300 per pupil
5974	Work Based Learning Capstone, Multiple Pathways (replaces Work Based Learning, Multiple Pathways in 2016-2017)	WBL	1-3	6	WBL	WBL	\$300 per pupil
5892	Work Based Learning Capstone, Trade and Industry (replaces Work Based Learning, Trade and Industry in 2016-2017)	T&I	1-3	6	WBL	WBL	\$300 per pupil

Course titles that were new in 201-2016 or had revisions in 2015-2016 are highlighted.

New and revised course titles for 2017-2018 are highlighted and annotated.

Other Categories: Per Indiana Code IC 20-43-8, all courses not in wage/demand categories designated **Foundational** are funded at \$150 per pupil per year based on a school corporation's fall count. Those designated **Introductory** are funded at \$300 per pupil per year based on a school corporation's fall count.

Work Based Learning (WBL) including Interdisciplinary Cooperative Education (ICE): Work Based Learning Capstone courses and Interdisciplinary Cooperative Education are full year courses and are funded at \$300 per pupil per year based on a school corporation's fall count.

Middle School Enrollments: As announced in May 2013, CTE state funding for enrollment of students below grade 9 is restricted to those courses identified as developmentally appropriate for grade 9 students (designed and recommended for grade 9 students), beginning in 2014-2015 and include only:

- Preparing for College and Career,
- Introduction to Engineering Design, and
- Introduction to Agriculture, Food and Natural Resources.

Courses designed for students in grades 10 and up are defined as not developmentally appropriate for students below grade 9 and students below grade 9 enrolled in those courses do not generate CTE state funding.

***Demand and Wage Ratings:** Demand and Wage ratings are based on 2012-2022 Indiana Wage/Demand Data, which was used as the basis of 2014-2015 funding and used for 2015-2016 and 2016-2017 as well. Likewise, wage definitions and demand definitions used in 2014-2015 will continue through 2015-2016, 2016-2017, and 2017-2018.

Wage Definitions:

- More than moderate wage is \$13.01 and higher average wage
- Moderate wage implies that average wage is between \$8.01 and \$13.00
- Less than moderate wage is \$8.00 and below

Demand Definitions:

- More than moderate implies a demand level of 801 and higher
- Moderate demand implies a demand level of 201 to 800
- Less than moderate demand implies a demand level of 200 or less

Cluster/Subject Areas

*Cluster/Subject Areas	Abbreviation
Architecture & Construction	A&C
Agriculture	AG
Arts, Audio Visual Technology & Communications	AV
Business, Finance & Marketing	BFM
Cooperative Education, Internships, Work-based Learning	CO-WB
Education & Training	ED
Engineering	ENGI
Family & Consumer Sciences	F&CS
Hospitality & Human Services	HHS
Health Science	HS
Health Science Biomedical PLTW	HS-B
Information Technology	IT
Manufacturing	MAN
Science, Technology, Engineering and Math	STEM
Transportation & Logistics	T&L