



To: Indiana State Board of Education (SBOE)

Date: December 01, 2020

Subject: SY 21/22 Career & Technical Education Program Categorizations and Funding Recommendations

Pursuant to Indiana Code (IC) [20-43-8-7.5](#), the Indiana Department of Workforce Development (DWD), in consultation with the Governor’s Workforce Cabinet (GWC), submits the following report, providing recommendations to the Indiana State Board of Education (SBOE) on Career and Technical Education (CTE) program designations.

Funding Methodology Overview

CTE courses are statutorily funded at the following levels:

Advanced CTE Course Funding Levels – Enrollment Reimbursement Rates Per Credit Hour	
High Value Program – Level 1	\$680
High Value Program – Level 2	\$1,020
Moderate Value Program – Level 1	\$400
Moderate Value Program – Level 2	\$600
Less than Moderate Value Program – Level 1	\$200
Less than Moderate Value Program – Level 2	\$300

Other CTE Course Funding Levels – Enrollment Reimbursement Rates Per Pupil	
Apprenticeship Program	\$500
Work Based Learning Program	\$500
Cooperative Education Program	\$150
Introductory Course	\$300
Planning for College and Careers Course	\$150
*Area Participation Program	\$150

Office of CTE Policies and Information

InTERS, Indiana's CTE student data collection portal, is used to verify the amount of Additional Pupil Count (APC) funds schools receive via state tuition support for CTE program needs. The Office of CTE provides the Indiana Department of Education all data necessary for the calculation of the CTE grant amount found at IC 20-43-8, generally referred to as 30A data for inclusion in state tuition support to schools. These counts are generated by reported student enrollments for the current school year in state approved CTE courses.

Beginning with the 2020-2021 school year, the Office of CTE enacted business rules within InTERS to match course requirements detailed in Office of CTE policies. Course requirements include, but are not limited to, the required semesters for the course and the required prerequisites detailed in the bulleted items found in the state approved 2021-2022 Course Titles and Descriptions and delivery model requirements related to virtual and blended courses that were detailed in a July Office of CTE [memo](#). Enrollments in the InTERS system that do not match the course requirements will be flagged; flagged enrollments will not qualify for APC funding. During this transition period, concurrent enrollments in required prerequisites will continue to be allowed to meet course requirements. Language in the state approved 2021-2022 Course Titles and Descriptions and current Office of CTE policy guidance memos will take precedent over language in any other CTE course documentation, including course standards and frameworks. A school may submit a CTE Nonstandard Course Waiver to request that course requirements be waived. If approved, enrollments in courses where the requirements have been waived would be eligible for funding.

CIP-SOC Crosswalk

In 2017, representatives from the private sector, DOE, DWD, secondary/postsecondary education, and other interest groups developed a crosswalk of CTE courses (CIP) to relevant occupations (SOC). The standards of each course were evaluated to determine what skills would be gained by the students from the CTE instruction that most directly aligned to skills necessary to enter and be prepared for certain occupations. The occupations associated with each course in the crosswalk were then scored per the occupational ranking methodology (referenced below) to determine a value for the course and its subsequent funding level.

The same CIP-SOC crosswalk was used for SY 20/21 CTE course recommendations as was utilized and adopted by the SBOE for SY 18/19 courses unless standards for a course changed or a new CTE course was adopted by SBOE.¹

Occupational Ranking Methodology

DWD used the IN Demand Ranking methodology to evaluate demand and wage for occupations associated with CTE courses per IC 20-43-8. Each occupation was evaluated on a decile scoring system across five variables, which was then summarized

to equate to an overall value of between 1 and 5.² This was the same methodology that was used and adopted by the SBOE for SY18/19 CTE course designations.

Scoring Mechanism

IN Demand Ranking scores of each occupation were summed and averaged to equate to an overall CTE course score. Less than moderate value CTE courses scored within a 0.00-2.99 threshold. Moderate value CTE courses scored within a 3.00-3.49 threshold, and high value CTE courses scored between 3.5 and 5.00.

Flame Funding Levels with Flames Threshold		
Course Designation	Flame Threshold	Reimbursement Rate (per Credit, Max of 3)
Less than Moderate Value	0.00-2.99	\$200
Moderate Value	3.00-3.49	\$400
High Value	3.50-5.00	\$680

¹ 2017 CTE Course Recommendations [Memo](#) provides more information on the process used to develop the CIP-SOC crosswalk. ²

[IN Demand Ranking Methodology](#): Each occupation in Indiana is designated a 1-10 score in 5 categories: Total Openings (X2), Growth Openings for both short term and long term outlook, Percentage Change, Real Time Labor Market Information, and Wages using 2016-2018 Short Term Projections and 2014-2024 Long Term Projections and Bureau of Labor Statistics Occupational Employment Statistics wage estimates. The scoring method is determined by deciles or, in other words, a percentile system ranging from the 90th percentile down to the 10th percentile and under. The averaged total for each occupation is then divided by two to produce an Indiana Demand Ranking in both outlooks. Lastly, both the short term and long term outlook Indiana Demand Ranking scores for each occupation are averaged to calculate the occupation’s final rating. Because occupational demand drives the ranking of occupations, median wage levels can vary within each scoring threshold, however wage rules are in place to prevent low wage, high demand occupations from scoring highly. Any occupation scoring 3 or 4 (out of 10) in the wage category cannot score higher than 3 flames, and any occupation scoring 1 or 2 (out of 10) in the wage category cannot score higher than 2 flames.

2021-2022 State CTE Funding for Approved Course Titles and Descriptions

Summary of Changes:

The following new courses were added to the list of funded courses:

- 7208 Aviation Sheet Metal I – Level I course
- 7209 Aviation Sheet Metal II – Level I course
- 7199 Engineering Essentials – Introductory course
- 7175 Introduction to Cosmetology and Barbering – Introductory course
- 7190 Introduction to Public Safety and First Responders – Introductory course

The following courses were recategorized as Level 1 courses from Introductory Courses:

- 4524 Accounting Fundamentals
- 4802 Introduction to Engineering Design
- 5274 Medical Terminology
- 4728 Robotics Design and Innovation

The following courses were recategorized as Level 2 courses from Level 1 courses:

- 5698 Engineering Design and Development
- 5219 Biomedical Innovations

The following courses were recategorized as Level 1 courses from Level 2 courses:

- 5518 Aerospace Engineering
- 5650 Civil Engineering and Architecture
- 5538 Digital Electronics
- 5217 Medical Interventions
- 5534 Computer Integrated Manufacturing

The following courses have a title change from the previous year:

- 5914 Marketing Fundamentals – title changed from Principles of Marketing
- 4524 Accounting Fundamentals – title changed from Introduction to Accounting

2021-22 State CTE Funding

IDOE Course Code	IDOE Course Name	Cluster/Subject Area	Credits Per Semester	Max Credits Allowed	CTE Funding Threshold	CTE Funding Level
5530	3-D Computer Animation and Visualization	AV	1-3 (2 sems required)	6	Less Than Moderate Value Level 1	\$200
4524	Accounting Fundamentals (New Course Title)	BMMF	1 (2 sems required)	2	High Value Level 1	\$680
5268	Administrative and Office Management	BMMF	1-2 (2 sems required)	4	High Value Level 2	\$1,020
4522	Advanced Accounting	BMMF	1 (2 sems required)	2	High Value Level 1	\$680
6146	Advanced CTE College Credit: Advanced Manufacturing	ADV MAN	1-3	6	Pilot	\$300
6130	Advanced CTE College Credit: Agriculture	AG	1-3	6	Pilot	\$300
6132	Advanced CTE College Credit: Architecture and Construction	A&C	1-3	6	Pilot	\$300
6134	Advanced CTE College Credit: Arts, AV Tech and Communication	AV	1-3	6	Pilot	\$300
6142	Advanced CTE College Credit: Business, Marketing and Entrepreneurship	BMMF	1-3	6	Pilot	\$300
6140	Advanced CTE College Credit: Education and Training	ED &TN	1-3	6	Pilot	\$300
6138	Advanced CTE College Credit: Health Science	HS	1-3	6	Pilot	\$300
6120	Advanced CTE College Credit: Hospitality and Human Services	HHS	1-3	6	Pilot	\$300
6022	Advanced CTE College Credit: Information Technology	IT	1-3	6	Pilot	\$300

6136	Advanced CTE College Credit: Public Safety	L&PS	1-3	6	Pilot	\$300
6126	Advanced CTE College Credit: STEM	STEM	1-3	6	Pilot	\$300
6128	Advanced CTE College Credit: Transportation	T&L	1-3	6	Pilot	\$300
5360	Advanced Child Development	ED & TN	1	2	Introductory	\$300
5070	Advanced Life Science: Animals (L)	AG	1 (2 sems required)	2	Moderate Value Level 1	\$400
5072	Advanced Life Science: Foods (L)	AG	1 (2 sems required)	2	Moderate Value Level 1	\$400
5074	Advanced Life Science: Plants and Soils (L)	AG	1 (2 sems required)	2	Moderate Value Level 1	\$400
5608	Advanced Manufacturing I	ADV MAN	1-3 (2 sems required)	6	High Value (Level 1)	\$680
5606	Advanced Manufacturing II	ADV MAN	1-3 (2 sems required)	6	High Value (Level 2)	\$1,020
4880	Advanced Manufacturing: Special Topics	ADV MAN	1-3 (1 sem course)	6	Pilot	\$300
5340	Advanced Nutrition and Wellness	H&T	1	2	Introductory	\$300
5518	Aerospace Engineering	STEM	1 (2 sems required)	2	Moderate Value Level 1	\$400
5002	Agribusiness Management	AG	1 (2 sems required)	2	Moderate Value Level 1	\$400
5088	Agriculture Power, Structure and Technology	AG	1-3 (2 sems required)	6	High Value Level 1	\$680
6150	Agriculture: Special Topics	AG	1-3 (1 sem course)	6	Pilot	\$300
5276	Anatomy & Physiology	HS	1	2	High Value Level 1	\$680
5008	Animal Science	AG	1 (2 sems required)	2	Moderate Value Level 1	\$400

6148	Apprenticeship	CTE WBL	1-3	6	Apprenticeship	\$500
5654	Architecture and Construction: Special Topics	A&C	1-3 (1 sem course)	6	Pilot	\$300
5640	Architectural Drafting and Design I	A&C	1-3 (2 sems required)	6	Moderate Value Level 1	\$400
5652	Architectural Drafting and Design II	A&C	1-3 (2 sems required)	6	Moderate Value Level 2	\$600
4576	Arts, AV Tech and Communication: Special Topics	AV	1-3 (1 sem course)	6	Pilot	\$300
5514	Automotive Collision Repair I	T&L	1-3 (2 sems required)	6	Moderate Value Level 1	\$400
5544	Automotive Collision Repair II	T&L	1-3 (2 sems required)	6	Moderate Value Level 2	\$600
5510	Automotive Services Technology I	T&L	1-3 (2 sems required)	6	Moderate Value Level 1	\$400
5546	Automotive Services Technology II	T&L	1-3 (2 sems required)	6	Moderate Value Level 2	\$600
5524	Aviation Flight	T&L	1-3 (2 sems required)	6	High Value	\$680
5520	Aviation Maintenance I	T&L	1-3 (2 sems required)	6	Moderate Value Level 1	\$400
5522	Aviation Maintenance II	T&L	1-3 (2 sems required)	6	Moderate Value Level 2	\$600
5528	Aviation Operations	T&L	1-3 (2 sems required)	6	Moderate Value	\$400
7208	Aviation Sheet Metal I (NEW)	T&L	1-3 (2 sems required)	6	High Value Level 1	\$680
7209	Aviation Sheet Metal II (NEW)	T&L	1-3 (2 sems required)	6	High Value Level 1	\$680
5258	Banking and Investment Capstone	BMMF	1-3	6	Moderate Value	\$600

			(2 sems required)		Level 2	
5344	Biochemistry of Foods	HHS	1 (2 sems required)	2	Moderate Value	\$400
5219	Biomedical Innovation	HS	1 (2 sems required)	2	High Value Level 2	\$1020
5593	Building & Facilities Maintenance I	A&C	1-3 (2 sems required)	6	Moderate Value Level 1	\$400
5594	Building & Facilities Maintenance II	A&C	1-3 (2 sems required)	6	Moderate Value Level 2	\$600
5592	Building and Facilities Management I	A&C	1-3 (2 sems required)	6	High Value Level 1	\$680
5595	Building and Facilities Management II	A&C	1-3 (2 sems required)	6	High Value Level 2	\$1,020
4560	Business Law and Ethics	BMMF	1	2	Less Than Moderate Value	\$200
5968	Business, Marketing and Entrepreneurship: Special Topics	BMMF	1-3 (1 sem course)	6	Pilot	\$300
5239	Career & Technical Education Pilot Course	CTE	1-3 (1 sem course)	6	Pilot	\$300
5650	Civil Engineering and Architecture	STEM	1 (2 sem course)	2	High Value Level 1	\$680
5570	Commercial Photography	AV	1-3 (2 sems Required)	6	Less than Moderate Value	\$200
5534	Computer Integrated Manufacturing	STEM	1 (2 sems required)	2	High Value Level 1	\$680
4801	Computer Science I	STEM	1 -3 (2 sems required)	6	High Value Level 1	\$680
5236	Computer Science II	STEM	1-3 (2 sems required)	6	High Value Level 2	\$1,020
5253	Computer Science III: Cybersecurity Capstone	STEM	1-3 (2 sems required)	6	High Value Level 2	\$1,020

5250	Computer Science III: Databases	STEM	1-3 (2 sems required)	6	High Value Level 2	\$1,020
5251	Computer Science III: Informatics	STEM	1-3 (2 sems required)	6	High Value Level 2	\$1,020
5249	Computer Science III: Software Development	STEM	1-3 (2 sems required)	6	High Value Level 2	\$1,020
5252	Computer Science III: Special Topics	STEM	1-3 (1 sem course)	6	Pilot	\$300
4800	Computers in Design and Production	ADV MAN	1	2	Introductory	\$300
5580	Construction Trades I	A&C	1-3 (2 sems required)	6	Moderate Value Level 1	\$400
5578	Construction Trades II	A&C	1-3 (2 sems required)	6	Moderate Value Level 2	\$600
4830	Construction Trades: Electrical I	A&C	1-3 (2 sems required)	6	High Value Level 1	\$680
4832	Construction Trades: Electrical II	A&C	1-3 (2 sems required)	6	High Value Level 2	\$1,020
5497	Construction Trades: Heavy Equipment I	A&C	1-3 (2 sems required)	6	High Value Level 1	\$680
5495	Construction Trades: Heavy Equipment II	A&C	1-3 (2 sems required)	6	High Value Level 2	\$1,020
5496	Construction Trades: HVAC I	A&C	1-3 (2 sems required)	6	High Value Level 1	\$680
5498	Construction Trades: HVAC II	A&C	1-3 (2 sems required)	6	High Value Level 2	\$1,020
6162	Cooperative Education	CTE WBL	1-3 (2 sems required)	6	Cooperative Education	\$150
5802	Cosmetology I	HHS	1-3 (2 sems required)	6	Less than Moderate Value Level 1	\$200

5806	Cosmetology II	HHS	1-3 (2 sems required)	6	Less Than Moderate Value Level 2	\$300
5822	Criminal Justice I	PS	1-3 (2 sems required)	6	Moderate Value Level 1	\$400
5824	*Criminal Justice II	PS	1-3 (2 sems required)	6	Moderate Value Level 2	\$600
5440	Culinary Arts and Hospitality I	H&T	1-3 (2 sems required)	6	Less Than Moderate Value Level 1	\$200
5346	Culinary Arts and Hospitality II: Culinary Arts	H&T	1-3 (2 sems required)	6	Less Than Moderate Value Level 2	\$300
5458	Culinary Arts and Hospitality II: Hospitality Management	H&T	1-3 (2 sems required)	6	Moderate Value Level 2	\$600
5203	Dental Careers I	HS	1-3 (2 sems required)	6	High Value Level 1	\$680
5204	Dental Careers II	HS	1-3 (2 sems required)	6	High Value Level 2	\$1,020
4834	Design Fundamentals	AV	1	2	Introductory	\$300
5620	Diesel Service Technology I	T&L	1-3 (2 sems required)	6	High Value Level 1	\$680
5624	Diesel Service Technology II	T&L	1-3 (2 sems required)	6	High Value Level 2	\$1,020
5538	Digital Electronics	STEM	1	2	Moderate Value Level 1	\$400
5412	Early Childhood Education I	ED & TRN	1-3 (2 sems required)	6	Moderate Value Level 1	\$400
5406	Early Childhood Education II	ED & TRN	1-3 (2 sems required)	6	Moderate Value Level 2	\$600
5976	Education and Training: Special Topic	ED & TRN	1-3 (1 sem course)	6	Pilot	\$300

5408	Education Professions I	ED & TRN	1-3 (2 sems required)	6	High Value Level 1	\$680
5404	Education Professions II	ED & TRN	1-3 (2 sems required)	6	High Value Level 2	\$1,020
5684	Electronics and Computer Technology I	STEM	1-3 (2 sems required)	6	Moderate Value Level 1	\$400
5694	Electronics and Computer Technology II	STEM	1-3 (2 sems required)	6	Moderate Value Level 2	\$600
5210	Emergency Medical Services	L&PS	1-3 (2 sems required)	6	High Value Level 1	\$680
5616	Energy Industry I	STEM	1-3 (2 sems required)	6	Less Than Moderate Value Level 1	\$200
5618	Energy Industry II	STEM	1-3 (2 sems required)	6	Less Than Moderate Value Level 2	\$300
4788	Engineering and Technology: Special Topics	STEM	1-3 (1 sem course)	6	Pilot	\$300
5698	Engineering Design and Development	STEM	1-3 (2 sems required)	6	Moderate Value Level 2	\$600
7199	Engineering Essentials	STEM	1 (2 sems required)	2	Introductory	\$300
5966	Entrepreneurship and New Ventures Capstone	BMMF	1-3 (2 sems required)	6	Moderate Value Level 2	\$600
4818	Environmental Sustainability	STEM	1 (2 sems required)	2	Moderate Value Level 2	\$600
5420	Fashion and Textiles Careers I	AV	1-3 (2 sems required)	6	Less Than Moderate Value Level 1	\$200
5421	Fashion and Textiles Careers II	AV	1-3 (2 sems required)	6	Less Than Moderate Value Level 2	\$300

5820	Fire and Rescue I	L&PS	1-3 (2 sems required)	6	Moderate Value Level 1	\$400
5826	Fire and Rescue II	L&PS	1-3 (2 sems required)	6	Moderate Value Level 2	\$600
5102	Food Science	AG	1 (2 sems required)	2	Moderate Value Level 1	\$400
5550	Graphic Design and Layout	AV	1-3 (2 sems required)	6	Moderate Value Level 1	\$400
5572	Graphic Imaging Technology	AV	1-3 (2 sems required)	6	Less Than Moderate Value Level 1	\$200
5282	Health Science Education I	HS	1-3 (2 sems required)	6	High Value Level 1	\$680
5290	*Health Science Education II: Athletic Training	HS	1-3 (2 sems required)	6	Moderate Value Level 2	\$600
5288	*Health Science Education II: Medical Forensics	HS	1-3 (2 sems required)	6	Moderate Value Level 2	\$600
5284	*Health Science Education II: Nursing	HS	1-3 (2 sems required)	6	High Value Level 2	\$1,020
5214	*Health Science Education II: Pharmacy	HS	1-3 (2 sems required)	6	High Value Level 2	\$1,020
5215	*Health Science Education II: Physical Therapy	HS	1-3 (2 sems required)	6	High Value Level 2	\$1,020
5286	Health Science II: Special Topics	HS	1-3 (2 sems required)	6	Pilot	\$300
5132	Horticultural Science	AG	1 (2 sems required)	2	Less than Moderate Value Level 1	\$200
6152	Hospitality and Human Services: Special Topics	H&T	1-3 (1sem course)	6	Pilot	\$300
5352	Housing and Interior Design Careers I	A&C	1-3	6	Moderate Value	\$400

			(2 sems required)		Level 1	
5460	Housing and Interior Design Careers II	A&C	1-3 (2 sems required)	6	Moderate Value Level 2	\$600
5336	Human and Social Services I	Human Services	1-3 (2 sems required)	6	High Value Level 1	\$680
5462	Human and Social Services II	Human Services	1-3 (2 sems required)	6	High Value Level 2	\$1,020
5216	Human Body Systems	HS	1 (2 sems required)	2	High Value Level 1	\$680
5366	Human Development and Wellness	FACS/CTE	1	2	Introductory	\$300
5610	Industrial Automation and Robotics I	ADV MAN	1-3 (2 sems required)	6	High Value Level 1	\$680
5612	Industrial Automation and Robotics II	ADV MAN	1-3 (2 sems required)	6	High Value Level 2	\$1,020
5686	Industrial Technical Maintenance I	ADV MAN	1-3 (2 sems required)	6	Moderate Value Level 1	\$400
5688	Industrial Technical Maintenance II	ADV MAN	1-3 (2 sems required)	6	Moderate Value Level 2	\$600
4578	Information Technology: Special Topics	IT	1-3 (1 sem course)	6	Pilot	\$300
5230	Information Technology Support I	IT	1-3 (2 sems required)	6	Moderate Value Level 1	\$400
5231	Information Technology Support II	IT	1-3 (2 sems required)	6	Moderate Value Level 2	\$600
5232	Interactive Media	AV	1-3 (2 sems required)	6	Less Than Moderate Value Level 1	\$200
4796	Introduction to Advanced Manufacturing and Logistics	ADV MAN	1	2	Introductory	\$300

5056	Introduction to Agriculture, Food and Natural Resources	AG	1	2	Introductory	\$300
4518	Introduction to Business	BMMF	1	2	Introductory	\$300
4790	Introduction to Communication	AV	1	2	Introductory	\$300
4803	Introduction to Computer Science	STEM	1	2	Introductory	\$300
4792	Introduction to Construction	A&C	1	2	Introductory	\$300
7175	Introduction to Cosmetology and Barbering (NEW)	Human Services	1	2	Introductory	\$300
5438	Introduction to Culinary Arts and Hospitality	H&T	1	2	Introductory	\$300
4794	Introduction to Design Processes	STEM	1	2	Introductory	\$300
4802	Introduction to Engineering Design	STEM	1 (2 sems required)	2	Moderate Value (Level 1)	\$400
5967	Introduction to Entrepreneurship	BMMF	1	2	Introductory	\$300
5380	Introduction to Fashion and Textiles	AV	1	2	Introductory	\$300
5272	Introduction to Health Science Careers	HS	1	2	Introductory	\$300
5350	Introduction to Housing and Interior Design	A&C	1	2	Introductory	\$300
4784	Introduction to Manufacturing	ADV MAN	1	2	Introductory	\$300
7190	Introduction to Public Safety and First Responders (NEW)	L&PS	1	2	Introductory	\$300
5614	Introduction to the Energy Industry	STEM	1	2	Introductory	\$300
4798	Introduction to Transportation	T&L	1	2	Introductory	\$300

5136	Landscape Management I	AG	1-3 (2 sems required)	6	Moderate Value Level 1	\$400
5137	Landscape Management II	AG	1-3 (2 sems required)	6	Moderate Value Level 2	\$600
5914	Marketing Fundamentals (new course title)	BMMF	1 (2 sems required)	2	Moderate Value Level 1	\$400
5982	Marketing in Hospitality and Tourism	BMMF	1	2	Moderate Value Level 1	\$400
4836	Mechanical Drafting and Design I	STEM	1-3 (2 sems required)	6	High Value Level 1	\$680
4838	Mechanical Drafting and Design II	STEM	1-3 (2 sems required)	6	High Value Level 2	\$1,020
5217	Medical Interventions	HS	1 (2 sems required)	2	High Value Level 1	\$680
5274	Medical Terminology	HS	1 (2 sems required)	2	High Value Level 1	\$680
5962	Merchandising	BMMF	1	2	Moderate Value Level 1	\$400
5180	Natural Resources	AG	1 (2 sems required)	2	Moderate Value Level 1	\$400
5234	Networking I	IT	1-3 (2 sems required)	6	High Value Level 1	\$680
5245	Networking II: Cybersecurity Capstone	IT	1-3 (2 sems required)	6	High Value Level 2	\$1,020
4588	Networking II: Infrastructure	IT	1-3 (2 sems required)	6	High Value Level 2	\$1,020
5257	Networking II: Servers	IT	1-3 (2 sems required)	6	High Value Level 2	\$1,020
5456	Nutrition Science Careers I	H&T	1-3 (2 sems required)	6	Less Than Moderate Value Level 1	\$200

5457	Nutrition Science Careers II	H&T	1-3 (2 sems required)	6	Less Than Moderate Value Level 2	\$300
5170	Plant and Soil Science	AG	1 (2 sems required)	2	Moderate Value	\$400
5782	Precision Machining I	ADV MAN	1-3 (2 sems required)	6	High Value Level 1	\$680
5784	Precision Machining II	ADV MAN	1-3 (2 sems required)	6	High Value Level 2	\$1,020
5394	Preparing for College and Careers	CTE	1	2	PCC	\$150
5218	Principles of Biomedical Sciences	HS	1 (2 sems required)	2	High Value Level 1	\$680
4562	Principles of Business Management	BMMF	1 (2 sems required)	2	High Value Level 1	\$680
5644	Principles of Engineering	STEM	1 (2 sems required)	2	Moderate Value Level 1	\$400
6154	Public Safety: Special Topics	L&PS	1-3 (1 sem course)	12	Pilot	\$300
5986	Radio and Television I	AV	1-3 (2 sems required)	6	Less Than Moderate Value Level 1	\$200
5992	Radio and Television II	AV	1-3 (2 sems required)	6	Less Than Moderate Value Level 2	\$300
5842	Recreational and Mobile Equipment I	T&L	1-3 (2 sems required)	6	Less Than Moderate Value Level 1	\$200
5844	Recreational and Mobile Equipment II	T & L	1-3 (2 sems required)	6	Less Than Moderate Value Level 2	\$300
4728	Robotics Design and Innovation	ADV MAN	1 (2 sems required)	2	High Value Level 1	\$680

5984	Sports and Entertainment Marketing	BMMF	1	2	Moderate Value Level 1	\$400
5918	Strategic Marketing	BMMF	1-2 (2 sems required)	4	Moderate Value Level 1	\$400
5601	Supply Chain Management and Logistics	T&L	1-3 (2 sems required)	6	High Value Level 1	\$680
5229	Sustainable Energy Alternatives	AG	1 (2 sems required)	2	Less than Moderate Value Level 1	\$200
5622	Tractor/Trailer Operation	T&L	1-3 (1 sem course)	3	High Value Level 1	\$680
6156	Transportation: Special Topics	T&L	1-3 (1 sem course)	12	Pilot	\$300
5211	Veterinary Careers I	AG	1-3 (2 sems required)	6	High Value Level 1	\$680
5212	Veterinary Careers II	AG	1-3 (2 sems required)	6	High Value Level 2	\$1,020
5602	Warehouse Operations and Materials Handling	BMMF	1-3 (2 sems required)	6	Moderate Value Level 1	\$400
5776	Welding Technology I	ADV MAN	1-3 (2 sems required)	6	High Value Level 1	\$680
5778	Welding Technology II	ADV MAN	1-3 (2 sems required)	6	High Value Level 2	\$1,020
5974	Work Based Learning Capstone	CTE WBL	1-3 (1 sem course)	6	Work Based Learning	\$500

- Any course denoted with an **asterisk (*)** is a course that is eligible for Level 2 funding as long as a student has previously completed the recommended prerequisite. The courses denoted with an asterisk no longer have a required prerequisite. As such, a student can enroll in one of these courses without completing the first in the sequence. If that is the case, the school will not receive persistence funding for such an enrollment and will instead be funded at a **Level 1** rate.

- **Area Participation** -number of pupils who travel from the school in which they are currently enrolled to another school to participate in a career and technical education program in which pupils from multiple schools are served at a common location.
- **Appeals Process**

In accordance with IC-20-43-8-10, if a school corporation determines that the categories of career and technical education programs issued by the Department of Workforce Development, in consultation with the GWC, and approved by the state board under section 7.5 of this chapter are not representative of the employment demand in the region surrounding the school corporation, the school corporation may petition the Department of Workforce Development to recategorize for the school corporation the career and technical education programs offered by the school corporation according to the employment demand in the region surrounding the school corporation.

School corporations will be able to appeal the categorization of a CTE course for the 2021-2022 school year effective February 1, 2021 through Gateway. The deadline to submit an appeal is March 15, 2021. Further details will be available on the DWD website, the Governor's Workforce Cabinet website and through the DOE PAMS/SAMS weekly newsletter, as available.