

TO: SBOE  
DA: December 9, 2021  
RE: Changes to the 2022-23 CTE Funding Memo Recommendations

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Due to a high volume of new courses, the **2022-2023 State CTE Funding Memo** has been reorganized into two parts to separate the new **Next Level Programs of Study** courses (NLPS) from the previously existing courses that may be phased out after the full implementation of NLPS. The structure aligns with both the [CTE Course Titles and Descriptions](#) and the more comprehensive [Indiana Department of Education Course Titles and Descriptions](#).

**Part I:** The first section of course funding recommendations contains all of the new NLPS courses that have been developed over the last two years. This includes capstone courses and recently developed pathways like Veterinary Careers, Dental Careers, Computer Science, and Radio and TV Broadcasting that are newly available in the 2022-2023 school year. The first section also includes Perkins IV (previously existing) courses that are expected to be maintained through the transition to NLPS, such as introductory, foundational, and nonstandard CTE courses.

The only funding changes within **part I** involves the newly developed **NLPS** courses. These courses include a Principles, Concentrator A, Concentrator B, and a Pathway Capstone course within each NLPS pathway.

- The Principles, Concentrator A, and Concentrator B courses will each be categorized as a high, moderate, or less than moderate value Level I course. The Pathway Capstone courses are categorized as a high, moderate, or less than moderate value Level II course.

**Part II:** The second section of course funding recommendations includes all of the Perkins IV (previously existing) Level I and II courses that will be phased out after the 2023-2024 school year. Additionally, Part II includes some previously existing courses that were not integrated into a Next Level Program of Study. A decision on whether these courses will be phased out or not has not been made.

Whenever possible, we have tried to ensure that funding levels for NLPS courses are the same as their related Perkins IV (previously existing) courses.

#### **Additional Changes in the Course Titles and Description:**

Most of the Perkins IV Level I courses have been reduced from a maximum of 3 credits per semester to a maximum of 1 credit per semester. The Perkins IV Level II courses will be reduced to 1 credit per semester for the 2023-24 school year.

Questions regarding CTE funding can be directed to [CTE@gov.IN.gov](mailto:CTE@gov.IN.gov) or may be answered in the [NLPS FAQ Document](#). Please visit the CTE Programs of Study [webpage](#) to view additional NLPS resources.

## **2022-2023 State CTE Funding for Approved Course Titles and Descriptions**

### **Summary of Changes to Funding Categories from 2021-2022 to 2022-2023:**

The following courses decreased from Moderate Value to Less than Moderate Value:

- 5352 Housing and Interior Design Careers I – Level I course
- 5460 Housing and Interior Design Career II – Level II course
- 5180 Natural Resources – Level I course

The following courses decreased from High Value to Moderate Value:

- 5497 Construction Trades: Heavy Equipment I – Level I course
- 5495 Construction Trades: Heavy Equipment II – Level II course

The following courses increased from Less than Moderate Value to Moderate Value:

- 4560 Business Law and Ethics – Level I course
- 5440 Culinary Arts and Hospitality – Level I course
- 5346 Culinary Arts and Hospitality II: Culinary Arts – Level II course
- 5616 Energy Industry I – Level I course
- 5618 Energy Industry II – Level II course
- 5456 Nutrition Science Careers I – Level I course
- 5457 Nutrition Science Career II – Level II course

The following courses increased from Moderate Value to High Value:

- 5580 Construction Trades I – Level I course
- 5578 Construction Trades II – Level II course
- 5820 Fire and Rescue I – Level I course
- 5826 Fire and Rescue II – Level II course
- 5686 Industrial Technical Maintenance I – Level I course
- 5688 Industrial Technical Maintenance II – Level II course
- 5914 Marketing Fundamentals – Level I course
- 5918 Strategic Marketing – Level I course



To: Indiana State Board of Education (SBOE)  
Date: December 9, 2021  
Subject: SY 22/23 Career & Technical Education Program Categorizations and Funding Recommendations

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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:

| <b>Advanced CTE Course Funding Levels – Enrollment Reimbursement Rates Per Credit Hour</b> |         |
|--|---------|
| <b>High Value Program – Level 1</b>  | \$680   |
| <b>High Value Program – Level 2</b>  | \$1,020 |
| <b>Moderate Value Program – Level 1</b>  | \$400   |
| <b>Moderate Value Program – Level 2</b>  | \$600   |

|   |              |
|---|--------------|
| <b>Less than Moderate Value Program – Level 1</b> | <b>\$200</b> |
| <b>Less than Moderate Value Program – Level 2</b> | <b>\$300</b> |

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

**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 [2022-2023 Course](#)

**Titles and Descriptions** and delivery model requirements related to virtual and blended courses that were detailed in the following 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 2022-2023 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, SY 19/20 and SY 20/21 courses unless standards for a course changed, course funding appeals addressed potential gaps with crosswalks or a new CTE course was adopted by SBOE.<sup>1</sup>

### **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.<sup>2</sup> 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.

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

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

[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 90<sup>th</sup> percentile down to the 10<sup>th</sup> 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.

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**Part I:** The first section contains all of the new NLPS courses that have been developed over the last two years. This includes capstone courses and recently developed pathways like Veterinary Careers, Dental Careers, Computer Science, and Radio and TV Broadcasting that are newly available in the 2022-2023 school year. The first section also includes Perkins IV (previously existing) courses that are expected to be maintained through the transition to NLPS, such as introductory, foundational, and nonstandard CTE courses.

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**Part I. NLPS courses**

| NLPS | Course Code | Secondary Course Title | Cluster                                    | Pathway    | Credits   | Max Credits | Funding Category | Funding Level | Funding |
|------|-------------|------------------------|--|------------|---|-------------|------------------|---------------|---------|
| Y    | 7252        | Accounting Capstone    | Business Management, Marketing and Finance | Accounting | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6           | High Value       | Level II      | \$1,020 |

|   |      |   |  |                                    |  |    |                          |         |       |
|---|------|---|--|------------------------------------|--|----|--------------------------|---------|-------|
| Y | 4524 | Accounting Fundamentals   | Business Management, Marketing and Finance | Business Administration/Accounting | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum                         | 2  | High Value               | Level I | \$680 |
| Y | 4522 | Advanced Accounting   | Business Management, Marketing and Finance | Accounting                         | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum                         | 2  | High Value               | Level I | \$680 |
| Y | 7333 | Advanced Barbering  | Human Services                             | Cosmetology                        | 2 semester course, 2 semesters required, 1 credit per semester   | 6  | Less than Moderate Value | Level I | \$200 |
| Y | 7343 | Advanced Biotech Manufacturing  | STEM                                       | Biotechnology                      | 2 semester course, 2 semesters required, 1 credit per semester   | 2  | High Value               | Level I | \$680 |
| Y | 7286 | Advanced Building and Facilities Maintenance                                  | Architecture and Construction              |                                    | 2 semester course, 2 semesters required, 1 credit per semester   | 2  | Moderate Value           | Level I | \$400 |
| Y | 6146 | Advanced Career & Technical Education, College Credit: Advanced Manufacturing | Advanced Manufacturing                     |                                    | Credits: 1 semester course, up to 3 credits per semester, may be offered for successive semesters up to 12 credits | 12 | Pilot                    |         | \$300 |
| Y | 6130 | Advanced Career & Technical Education, College Credit: Agriculture            | Agriculture                                |                                    | Credits: 1 semester course, up to 3 credits per semester, may be offered for successive                            | 12 | Pilot                    |         | \$300 |



|   |      |  |  |  |  |    |       |  |       |
|---|------|--|--|--|--|----|-------|--|-------|
|   |      |  |  |  | semesters up to 12 credits   |    |       |  |       |
| Y | 6132 | Advanced Career & Technical Education, College Credit: Architecture and Construction             | Architecture and Construction              |  | Credits: 1 semester course, up to 3 credits per semester, May be offered for successive semesters up to 12 credits | 12 | Pilot |  | \$300 |
| Y | 6134 | Advanced Career & Technical Education, College Credit: Arts, AV Tech and Comm                    | Arts, AV Tech and Comm                     |  | Credits: 1 semester course, up to 3 credits per semester, May be offered for successive semesters up to 12 credits | 12 | Pilot |  | \$300 |
| Y | 6142 | Advanced Career & Technical Education, College Credit: Business, Marketing, and Entrepreneurship | Business Management, Marketing and Finance |  | Credits: 1 semester course, up to 3 credits per semester, May be offered for successive semesters up to 12 credits | 12 | Pilot |  | \$300 |
| Y | 6140 | Advanced Career & Technical Education, College Credit: Education and Training                    | Education and Training                     |  | Credits: 1 semester course, up to 3 credits per semester, May be offered for successive semesters up to 12 credits | 12 | Pilot |  | \$300 |
| Y | 6138 | Advanced Career & Technical Education, College Credit: Health Science                            | Health Science                             |  | Credits: 1 semester course, up to 3 credits per semester, May be offered for successive                            | 12 | Pilot |  | \$300 |

|   |      |   |                         |  |  |    |       |  |       |
|---|------|---|-------------------------|--|--|----|-------|--|-------|
|   |      |   |                         |  | semesters up to 12 credits   |    |       |  |       |
| Y | 6120 | Advanced Career & Technical Education, College Credit: Hospitality and Human Services | Hospitality and Tourism |  | Credits: 1 semester course, up to 3 credits per semester, May be offered for successive semesters up to 12 credits | 12 | Pilot |  | \$300 |
| Y | 6022 | Advanced Career & Technical Education, College Credit: Information Technology         | Information Technology  |  | Credits: 1 semester course, up to 3 credits per semester, May be offered for successive semesters up to 12 credits | 12 | Pilot |  | \$300 |
| Y | 6136 | Advanced Career & Technical Education, College Credit: Public Safety                  | Law and Public Safety   |  | Credits: 1 semester course, up to 3 credits per semester, May be offered for successive semesters up to 12 credits | 12 | Pilot |  | \$300 |
| Y | 6126 | Advanced Career & Technical Education, College Credit: STEM                           | STEM                    |  | Credits: 1 semester course, up to 3 credits per semester, May be offered for successive semesters up to 12 credits | 12 | Pilot |  | \$300 |
| Y | 6128 | Advanced Career & Technical Education, College Credit: Transportation                 | Transportation          |  | Credits: 1 semester course, up to 3 credits per semester, May be offered for successive                            | 12 | Pilot |  | \$300 |

|   |      |                             |                               |                                 |  |   |                          |         |       |
|---|------|-----------------------------|-------------------------------|---------------------------------|--|---|--------------------------|---------|-------|
|   |      |                             |                               |                                 | semesters up to 12 credits   |   |                          |         |       |
| Y | 5360 | Advanced Child Development  | CTE                           |                                 | Credits: 1 or 2 semester course, 1 credit per semester, 2 credits maximum                  | 2 | Introductory             |         | \$300 |
| Y | 7118 | Advanced Civil Construction | Architecture and Construction | Civil Construction              | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | High Value               | Level I | \$680 |
| Y | 7332 | Advanced Cosmetology        | Human Services                | Cosmetology                     | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | Less than Moderate Value | Level I | \$200 |
| Y | 7178 | Advanced Cybersecurity      | Information Technology        | Cybersecurity                   | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value               | Level I | \$680 |
| Y | 7317 | Advanced Dental Careers     | Health Science                | Dental Careers                  | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value               | Level I | \$680 |
| Y | 7119 | Advanced Electrical         | Architecture and Construction | Construction Trades: Electrical | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | High Value               | Level I | \$680 |
| Y | 7186 | Advanced Fire Fighting      | Law and Public Safety         | Fire and Rescue                 | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value               | Level I | \$680 |

|   |      |   |                               |                        |  |    |                |         |       |
|---|------|---|-------------------------------|------------------------|--|----|----------------|---------|-------|
| Y | 7291 | Advanced Heavy Equipment Operations         | Architecture and Construction | Heavy Equipment        | 2 semester course, 2 semesters required, 1 credit per semester   | 2  | Moderate Value | Level I | \$400 |
| Y | 5070 | Advanced Life Science, Animals (L)          | Agriculture                   |                        | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum                         | 2  | Moderate Value | Level I | \$400 |
| Y | 5072 | Advanced Life Science: Foods                | Agriculture                   |                        | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum                         | 2  | Moderate Value | Level I | \$400 |
| Y | 5074 | Advanced Life Science, Plants and Soils (L) | Agriculture                   |                        | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum                         | 2  | Moderate Value | Level I | \$400 |
| Y | 4880 | Advanced Manufacturing: Special Topics      | Advanced Manufacturing        |                        | Credits: 1 semester course, up to 3 credits per semester, may be offered for successive semesters up to 12 credits | 12 | Pilot          |         | \$300 |
| Y | 7103 | Advanced Manufacturing Technology           | Advanced Manufacturing        | Industrial Maintenance | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum                         | 2  | High Value     | Level I | \$680 |
| Y | 5340 | Advanced Nutrition and Wellness             | CTE                           |                        | Credits: 1 or 2 semester course, 1 credit per semester, 2 credits maximum  | 2  | Introductory   |         | \$300 |

|   |      |                                   |                               |                          |  |   |                          |          |       |
|---|------|-----------------------------------|-------------------------------|--------------------------|--|---|--------------------------|----------|-------|
| Y | 7302 | Advanced Textiles                 | Arts, AV Tech and Comm        | Fashion & Textile        | 2 semester course, 2 semesters required, 1 credit per semester                             | 6 | Less Than Moderate Value | Level I  | \$200 |
| Y | 7187 | Advanced Paralegal Studies        | Law and Public Safety         | Paralegal                | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value               | Level I  | \$680 |
| Y | 7120 | Advanced Plumbing and Pipefitting | Architecture and Construction | Plumbing and Pipefitting | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | High Value               | Level I  | \$680 |
| Y | 7107 | Advanced Precision Machining      | Advanced Manufacturing        | Precision Machining      | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | High Value               | Level I  | \$680 |
| Y | 5518 | Aerospace Engineering             | STEM                          | Engineering              | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | Moderate Value           | Level I  | \$400 |
| Y | 7238 | Agribusiness Capstone             | Agriculture                   | Ag                       | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits max  | 6 | Moderate Value           | Level II | \$600 |
| Y | 7262 | Agricultural Research Capstone    | Agriculture                   | Agriscience; Ag          | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits max  | 6 | Moderate Value           | Level II | \$600 |

|   |      |   |                |                               |  |    |                |          |         |
|---|------|---|----------------|-------------------------------|--|----|----------------|----------|---------|
| Y | 7230 | Agriculture Biotechnology Capstone                | Agriculture    | Agriscience                   | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits max                          | 6  | Moderate Value | Level II | \$600   |
| Y | 7228 | Agriculture Mechanization and Technology Capstone | Agriculture    | Ag Mechanical and Engineering | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits max                          | 6  | High Value     | Level II | \$1,020 |
| Y | 5088 | Agriculture Power, Structure, and Technology      | Agriculture    | Ag Mechanical and Engineering | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum                         | 2  | High Value     | Level I  | \$680   |
| Y | 6150 | Agriculture: Special Topics                       | Agriculture    |                               | Credits: 1 semester course, up to 3 credits per semester, may be offered for successive semesters up to 12 credits | 12 | Pilot          |          | \$300   |
| Y | 7112 | Agriculture Structures Fabrication and Design     | Agriculture    | Ag Mechanical and Engineering | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum                         | 2  | High Value     | Level I  | \$680   |
| Y | 5276 | Anatomy and Physiology                            | Health Science |                               | Credits: 1 to 2 semester course, 1 credit per semester, 2 credits maximum  | 2  | High Value     | Level I  | \$680   |

|   |      |  |                               |                                       |  |    |                |          |       |
|---|------|--|-------------------------------|---------------------------------------|--|----|----------------|----------|-------|
| Y | 5008 | Animal Science                                     | Agriculture                   | Agriscience                           | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum   | 2  | Moderate Value | Level I  | \$400 |
| Y | 6148 | Apprenticeship                                     | CTE WBL                       |                                       | Credits: 1 semester course, May be taken for successive semesters<br>A minimum of 85 hours of workplace and classroom activities are required for one credit; 170 hours are required for the two credits. (1-12 credits) | 12 | Apprenticeship |          | \$500 |
| Y | 7225 | Architectural Design Capstone                      | STEM                          | Design Technology                     | 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum   | 6  | Moderate Value | Level II | \$600 |
| Y | 5654 | Architecture and Construction: Special Topics      | Architecture and Construction |                                       | Credits: 1 semester course, up to 3 credits per semester, May be offered for successive semesters up to 12 credits   | 12 | Pilot          |          | \$300 |
| Y | 7297 | Architectur, Engineering and Construction Capstone | Architecture and Construction | Architecture Engineering Construction | Credits: 2 semester course, 2 semesters required, 1-3 credits per  | 6  | Moderate Value | Level II | \$600 |

|   |      |   |                        |                             |  |    |                          |          |       |
|---|------|---|------------------------|-----------------------------|--|----|--------------------------|----------|-------|
|   |      |   |                        |                             | semester, 6 credits maximum  |    |                          |          |       |
| Y | 4576 | Arts, AV Tech and Communication: Special Topics | Arts, AV Tech and Comm |                             | Credits: 1 semester course, up to 3 credits per semester, May be offered for successive semesters up to 12 credits | 12 | Pilot                    |          | \$300 |
| Y | 7306 | Audio and Video Production Essentials           | Arts, AV Tech and Comm | Radio and TV                | 2 semester course, 2 semesters required, 1 credit per semester   | 6  | Less than Moderate Value | Level I  | \$200 |
| Y | 7204 | Automotive Body Repair                          | Transportation         | Automotive Collision Repair | 2 semester course, 2 semesters required, 1 credit per semester   | 2  | Moderate Value           | Level I  | \$400 |
| Y | 7375 | Automotive Service Capstone                     | Transportation         | Automotive Service          | Credits: 2 semester course, 2 semester required, 1-3 credits per semester, 6 credits max                           | 6  | Moderate Value           | Level II | \$600 |
| Y | 7218 | Aviation Management Capstone                    | Transportation         | Aviation Management         | Credits: 2 semester course, 2 semester required, 1-3 credits per semester, 6 credits max                           | 6  | Moderate Value           | Level II | \$600 |
| Y | 7207 | Aviation Safety and Operations                  | Transportation         | Aviation Management         | Credits: 2 semester course, 2 semester required, 1-3 credits per   | 6  | Moderate Value           | Level II | \$600 |



|   |      |  |                         |                   |   |   |                          |          |         |
|---|------|--|-------------------------|-------------------|---|---|--------------------------|----------|---------|
|   |      |  |                         |                   | semester, 6 credits max   |   |                          |          |         |
| Y | 7235 | Baking and Pastry Capstone             | Hospitality and Tourism | Culinary          | Credits: 2 semester course, 2 semester required, 1-3 credits per semester, 6 credits max      | 6 | Moderate Value           | Level II | \$600   |
| Y | 7334 | Barbering and Cosmetology Capstone     | Human Services          | Cosmetology       | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Less Than Moderate Value | Level II | \$300   |
| Y | 7331 | Barbering and Cosmetology Fundamentals | Human Services          | Cosmetology       | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | Less Than Moderate Value | Level I  | \$200   |
| Y | 7197 | BIM Architecture                       | STEM                    | Design Technology | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | High Value               | Level I  | \$680   |
| Y | 5219 | Biomedical Innovations                 | Health Science          | Biomed            | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value               | Level II | \$1,020 |
| Y | 7341 | Biotech Manufacturing                  | STEM                    | Biotechnology     | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | High Value               | Level I  | \$680   |

|   |      |  |  |                         |   |   |                |          |         |
|---|------|--|--|-------------------------|---|---|----------------|----------|---------|
| Y | 7344 | Biotechnology Capstone                           | STEM                                       | Biotechnology           | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 2 | High Value     | Level II | \$1,020 |
| Y | 7342 | Biotech Regulatory Affairs                       | STEM                                       | Biotechnology           | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | High Value     | Level I  | \$680   |
| Y | 7205 | Brake Systems                                    | Transportation                             | Automotive Service      | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | Moderate Value | Level I  | \$400   |
| Y | 7287 | Building and Facilities Maintenance Capstone     | Architecture and Construction              |                         | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Moderate Value | Level II | \$600   |
| Y | 7285 | Building and Facilities Maintenance Fundamentals | Architecture and Construction              |                         | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | Moderate Value | Level I  | \$400   |
| Y | 7256 | Business Administration Capstone                 | Business Management, Marketing and Finance | Business Administration | 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum          | 6 | High Value     | Level II | \$1,020 |
| Y | 7201 | Business Management Capstone                     | Business Management, Marketing and Finance | Entrepreneurship        | 2 semester course, 2 semesters required, 1-3 credits per                                      | 6 | Moderate Value | Level II | \$600   |

|   |      |   |  |                                    |  |    |                |          |         |
|---|------|---|--|------------------------------------|--|----|----------------|----------|---------|
|   |      |   |  |                                    | semester, 6 credits maximum  |    |                |          |         |
| Y | 5968 | Business, Marketing and Entrepreneurship: Special Topics                                | Business Management, Marketing and Finance |                                    | Credits: 1 semester course, up to 3 credits per semester, May be offered for successive semesters up to 12 credits | 12 | Pilot          |          | \$300   |
| Y | 7144 | Business Office Communications  | Business Management, Marketing and Finance |                                    | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum                         | 2  | High Value     | Level I  | \$680   |
| Y | 7254 | Business Operations and Technology Capstone   | Business Management, Marketing and Finance | Business Operations and Technology | 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum                               | 6  | High Value     | Level II | \$1,020 |
| Y | 5239 | Career & Technical Education Pilot Course: (Insert title descriptive of course content) | CTE  |                                    | Credits: 1 semester course, up to 3 credits per semester, May be offered for successive semesters up to 12 credits | 12 | Pilot          |          | \$300   |
| Y | 7257 | Central Service Technician Capstone   | Health Science                             | Central Service Technician         | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum                      | 2  | Moderate Value | Level II | \$600   |

|   |      |   |                               |                            |   |   |                |          |         |
|---|------|---|-------------------------------|----------------------------|---|---|----------------|----------|---------|
| Y | 7163 | Central Service Technician Fundamentals     | Health Science                | Central Service Technician | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | Moderate Value | Level I  | \$400   |
| Y | 7164 | Certified Clinical Medical Assistant (CCMA) | Health Science                | Medical Assistant          | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | High Value     | Level I  | \$680   |
| Y | 7157 | Child and Adolescent Development            | Education and Training        | Education Professions      | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | High Value     | Level I  | \$680   |
| Y | 7240 | Civil Construction Capstone                 | Architecture and Construction | Civil Construction         | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | High Value     | Level II | \$1,020 |
| Y | 7121 | Civil Construction Fundamentals             | Architecture and Construction |                            | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value     | Level I  | \$680   |
| Y | 5650 | Civil Engineering and Architecture          | STEM                          | Engineering                | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value     | Level I  | \$680   |
| Y | 7380 | Collision Repair Capstone                   | Transportation                | Auto Collision Repair      | Credits: 2 semester course, 2 semester required, 1-3 credits per semester, 6 credits max      | 6 | Moderate Value | Level II | \$600   |

|   |      |   |                               |                                 |  |    |              |          |         |
|---|------|---|-------------------------------|---------------------------------|--|----|--------------|----------|---------|
| Y | 5534 | Computer Integrated Manufacturing       | STEM                          | Engineering                     | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum                         | 2  | High Value   | Level I  | \$680   |
| Y | 7352 | Computer Science                        | Information Technology        | Computer Science                | 2 semester course, 2 semesters required, 1 credit per semester   | 2  | High Value   | Level I  | \$680   |
| Y | 7353 | Computer Science Capstone               | Information Technology        | Computer Science                | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum                         | 2  | High Value   | Level II | \$1,020 |
| Y | 5252 | Computer Science: Special Topics        | STEM                          |                                 | Credits: 1 semester course, up to 3 credits per semester, May be offered for successive semesters up to 12 credits | 12 | Pilot        |          | \$300   |
| Y | 4800 | Computers in Design & Production        | STEM                          |                                 | Credits: 1 or 2 semester course, 1 credit per semester, 2 credits maximum  | 2  | Introductory |          | \$300   |
| Y | 7242 | Construction Trades Capstone            | Architecture and Construction | Construction Trades: Carpentry  | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum                      |    | High Value   | Level II | \$1,020 |
| Y | 7263 | Construction Trades Electrical Capstone | Architecture and Construction | Construction Trades: Electrical | Credits: 2 semester course, 2 semesters required, 1-3 credits per  |    | High Value   | Level II | \$1,020 |

|   |      |  |                               |                                |   |   |                       |          |       |
|---|------|--|-------------------------------|--------------------------------|---|---|-----------------------|----------|-------|
|   |      |  |                               |                                | semester, 6 credits maximum   |   |                       |          |       |
| Y | 7122 | Construction Trades: Framing and Finishing | Architecture and Construction | Construction Trades: Carpentry | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value            | Level I  | \$680 |
| Y | 7123 | Construction Trades: General Carpentry     | Architecture and Construction | Construction Trades: Carpentry | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value            | Level I  | \$680 |
| Y | 6162 | Cooperative Education                      | CTE WBL                       |                                | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Cooperative Education |          | \$150 |
| Y | 7188 | Corrections and Cultural Awareness         | Law and Public Safety         | Criminal Justice               | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | Moderate Value        | Level I  | \$400 |
| Y | 7231 | Criminal Justice Capstone                  | Law and Public Safety         | Criminal Justice               | Credits: 2 semester course, 2 semester required, 1-3 credits per semester, 6 credits max      | 6 | Moderate Value        | Level II | \$600 |
| Y | 7113 | Crop Management                            | Agriculture                   | Precision Ag                   | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | Moderate Value        | Level I  | \$400 |

|   |      |                             |                         |                |   |   |                |          |         |
|---|------|-----------------------------|-------------------------|----------------|---|---|----------------|----------|---------|
| Y | 7169 | Culinary Arts               | Hospitality and Tourism | Culinary       | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | Moderate Value | Level I  | \$400   |
| Y | 7233 | Culinary Arts Capstone      | Hospitality and Tourism | Culinary       | Credits: 2 semester course, 2 semester required, 1-3 credits per semester, 6 credits max      | 6 | Moderate Value | Level II | \$600   |
| Y | 7243 | Cybersecurity Capstone      | Information Technology  | Cybersecurity  | 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum          | 6 | High Value     | Level II | \$1,020 |
| Y | 7179 | Cybersecurity Fundamentals  | Information Technology  | Cybersecurity  | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | High Value     | Level I  | \$680   |
| Y | 7318 | Dental Careers Capstone     | Health Science          | Dental Careers | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | High Value     | Level II | \$1,020 |
| Y | 7316 | Dental Careers Fundamentals | Health Science          | Dental Careers | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | High Value     | Level I  | \$680   |
| Y | 4834 | Design Fundamentals         | Arts, AV Tech and Comm  |                | Credits: 1 or 2 semester course, 1 credit per semester, 2 credits maximum                     | 2 | Introductory   |          | \$300   |

|   |      |                            |  |  |  |   |                          |          |         |
|---|------|----------------------------|--|--|--|---|--------------------------|----------|---------|
| Y | 7221 | Diesel Service Capstone    | Transportation                             | Diesel   | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 6 | High Value               | Level II | \$1,020 |
| Y | 7210 | Diesel Steering and Brakes | Transportation                             | Diesel   | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value               | Level I  | \$680   |
| Y | 7211 | Diesel Transmissions       | Transportation                             | Diesel   | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value               | Level I  | \$680   |
| Y | 7146 | Digital Data Applications  | Business Management, Marketing and Finance | Business Operations and Technology               | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | High Value               | Level I  | \$680   |
| Y | 7246 | Digital Design Capstone    | Arts, AV Tech and Comm                     | Digital Design                                   | Credits: 2 semester course, 2 semester required, 1-3 credits per semester, 6 credits max   | 6 | Less than Moderate Value | Level II | \$300   |
| Y | 7141 | Digital Design Graphics    | Arts, AV Tech and Comm                     | Digital Design                                   | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | Less than Moderate Value | Level I  | \$200   |
| Y | 5538 | Digital Electronics        | STEM                                       | Engineering, Electronics and Computer Technology | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | Moderate Value           | Level I  | \$400   |



|   |      |  |  |                                 |  |    |                |          |         |
|---|------|--|--|---------------------------------|--|----|----------------|----------|---------|
| Y | 7145 | Digital Marketing                      | Business Management, Marketing and Finance | Marketing and Sales             | 2 semester course, 2 semesters required, 1 credit per semester   | 2  | High Value     | Level I  | \$680   |
| Y | 7259 | Early Childhood Education Capstone     | Education and Training                     | Early Childhood                 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum                      | 6  | Moderate Value | Level II | \$600   |
| Y | 7158 | Early Childhood Education Curriculum   | Education and Training                     | Early Childhood                 | 2 semester course, 2 semesters required, 1 credit per semester   | 2  | Moderate Value | Level I  | \$400   |
| Y | 7159 | Early Childhood Education Guidance     | Education and Training                     | Early Childhood                 | 2 semester course, 2 semesters required, 1 credit per semester   | 2  | Moderate Value | Level I  | \$400   |
| Y | 5976 | Education and Training: Special Topics | Education and Training                     |                                 | Credits: 1 semester course, up to 3 credits per semester, May be offered for successive semesters up to 12 credits | 12 | Pilot          |          | \$300   |
| Y | 7267 | Education Professions Capstone         | Education and Training                     | Education Professions           | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum                      | 6  | High Value     | Level II | \$1,020 |
| Y | 7124 | Electrical Fundamentals                | Architecture and Construction              | Construction Trades: Electrical | Credits: 2 semester course, 2 semesters required, 1 credit   | 2  | High Value     | Level I  | \$680   |

|   |      |  |                |                                     |  |    |                |          |       |
|---|------|--|----------------|-------------------------------------|--|----|----------------|----------|-------|
|   |      |  |                |                                     | per semester, 2 credits maximum  |    |                |          |       |
| Y | 7268 | Electrical Line Capstone                     | STEM           | Energy                              | 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum                               | 6  | Moderate Value | Level II | \$600 |
| Y | 7198 | Electrical Power Distribution                | STEM           | Energy                              | 2 semester course, 2 semesters required, 1 credit per semester   | 2  | Moderate Value | Level I  | \$400 |
| Y | 7361 | Electronic Fundamentals                      | STEM           | Electronics and Computer Technology | 2 semester course, 2 semesters required, 1 credit per semester   | 2  | Moderate Value | Level I  | \$400 |
| Y | 7362 | Electronics and Computer Technology Capstone | STEM           | Electronics and Computer Technology | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum                      | 2  | Moderate Value | Level II | \$600 |
| Y | 7165 | Emergency Medical Tech                       | Health Science | EMT                                 | 2 semester course, 2 semesters required, 1 credit per semester   | 2  | High Value     | Level I  | \$680 |
| Y | 4788 | Engineering and Technology: Special Topics   | STEM           |                                     | Credits: 1 semester course, up to 3 credits per semester, May be offered for successive semesters up to 12 credits | 12 | Pilot          |          | \$300 |

|   |      |  |  |                        |   |   |                          |          |         |
|---|------|--|--|------------------------|---|---|--------------------------|----------|---------|
| Y | 5698 | Engineering Design and Development         | STEM                                       | Engineering            | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Moderate Value           | Level II | \$600   |
| Y | 7199 | Engineering Essentials                     | STEM                                       |                        | Credits: 1 or 2 semester course, 1 credit per semester, 2 credits maximum                     | 2 | Introductory             |          | \$300   |
| Y | 5966 | Entrepreneurship and New Ventures Capstone | Business Management, Marketing and Finance |                        | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Moderate Value           | Level II | \$600   |
| Y | 4818 | Environmental Sustainability               | STEM                                       | Engineering            | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | Moderate Value           | Level I  | \$600   |
| Y | 7304 | Fashion and Textiles Capstone              | Arts, AV Tech and Comm                     | Fashion & Textile      | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Less Than Moderate Value | Level II | \$300   |
| Y | 5258 | Finance and Investment                     | Business Management, Marketing and Finance | Finance and Investment | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | High Value               | Level II | \$1,020 |
| Y | 7265 | Finance and Investment Capstone            | Business Management, Marketing and Finance | Finance and Investment | Credits: 2 semester course, 2 semesters required, 1-3 credits per                             | 6 | High Value               | Level II | \$1,020 |

|   |      |  |                       |  |   |   |                          |          |         |
|---|------|--|-----------------------|--|---|---|--------------------------|----------|---------|
|   |      |  |                       |  | semester, 6 credits maximum   |   |                          |          |         |
| Y | 7229 | Fire and Rescue Capstone               | Law and Public Safety | Fire and Rescue                        | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 6 | High Value               | Level II | \$1,020 |
| Y | 7189 | Fire Fighting Fundamentals             | Law and Public Safety | Fire and Rescue                        | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | High Value               | Level I  | \$680   |
| Y | 7324 | Fitness Management Capstone            | Health Science        | Human Performance/<br>Physical Therapy | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Moderate Value           | Level II | \$600   |
| Y | 5102 | Food Science                           | Agriculture           | Agriscience                            | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | Moderate Value           | Level I  | \$400   |
| Y | 7270 | Forestry and Wildlife Management       | Agriculture           | Natural Resources                      | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | Less than Moderate Value | Level I  | \$200   |
| Y | 7200 | Fundamentals of Electricity and Motors | STEM                  | Energy                                 | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | Moderate Value           | Level I  | \$400   |

|   |      |   |                               |                    |   |   |                          |          |         |
|---|------|---|-------------------------------|--------------------|---|---|--------------------------|----------|---------|
| Y | 7101 | Gas Welding Processes                       | Advanced Manufacturing        | Welding Technology | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum        | 2 | High Value               | Level I  | \$680   |
| Y | 5550 | Graphic Design and Layout                   | Arts, AV Tech and Comm        | Digital Design     | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum        | 2 | Less than Moderate Value | Level I  | \$200   |
| Y | 7114 | Greenhouse and Soilless Production          | Agriculture                   | Horticulture       | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum        | 2 | Less than Moderate Value | Level I  | \$200   |
| Y | 7166 | Healthcare Specialist: CAN                  | Health Science                | Pre Nursing        | 2 semester course, 2 semesters required, 1 credit per semester                                    | 2 | High Value               | Level I  | \$680   |
| Y | 7255 | Healthcare Specialist Capstone              | Health Science                | Pre Nursing        | 2 semester course, 2 semester required, 1-3 credits per semester, 6 credits max                   | 6 | High Value               | Level II | \$1,020 |
| Y | 5286 | Health Science Education II: Special Topics | Health Science                |                    | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, maximum of 6 credits. | 6 | Pilot                    |          | \$300   |
| Y | 7292 | Heavy Equipment Capstone                    | Architecture and Construction | Heavy Equipment    | Credits: 2 semester course, 2 semesters required, 1-3   | 2 | Moderate Value           | Level II | \$600   |

|   |      |  |                               |                 |  |    |                          |          |       |
|---|------|--|-------------------------------|-----------------|--|----|--------------------------|----------|-------|
|   |      |  |                               |                 | credits per semester, 6 credits maximum  |    |                          |          |       |
| Y | 7290 | Heavy Equipment Fundamentals                   | Architecture and Construction | Heavy Equipment | 2 semester course, 2 semesters required, 1 credit per semester   | 2  | Moderate Value           | Level I  | \$400 |
| Y | 7232 | Horticulture Capstone                          | Agriculture                   | Horticulture    | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits max                          | 6  | Less than Moderate Value | Level II | \$300 |
| Y | 5132 | Horticultural Science                          | Agriculture                   | Horticulture    | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum                         | 2  | Less than Moderate Value | Level I  | \$200 |
| Y | 6152 | Hospitality and Human Services: Special Topics | Hospitality and Tourism       |                 | Credits: 1 semester course, up to 3 credits per semester, May be offered for successive semesters up to 12 credits | 12 | Pilot                    |          | \$300 |
| Y | 7172 | Hospitality Management                         | Hospitality and Tourism       | Hospitality     | 2 semester course, 2 semesters required, 1 credit per semester   | 2  | Moderate Value           | Level I  | \$400 |
| Y | 7237 | Hospitality Management Capstone                | Hospitality and Tourism       | Hospitality     | Credits: 2 semester course, 2 semester required, 1-3 credits per semester, 6 credits max                           | 6  | Moderate Value           | Level II | \$600 |

|   |      |                                |                               |  |   |   |              |          |         |
|---|------|--------------------------------|-------------------------------|--|---|---|--------------|----------|---------|
| Y | 5216 | Human Body Systems             | Health Science                | Biomed                                 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value   | Level I  | \$680   |
| Y | 5366 | Human Development and Wellness | CTE                           |  | Credits: 1 or 2 semester course, 1 credit per semester, 2 credits maximum                     | 2 | Introductory |          | \$300   |
| Y | 7322 | Human Performance              | Health Science                | Human Performance/<br>Physical Therapy | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | High Value   | Level I  | \$680   |
| Y | 7241 | Human Services Capstone        | Human Services                | Human and Social Services              | Credits: 2 semester course, 2 semester required, 1-3 credits per semester, 6 credits max      | 6 | High Value   | Level II | \$1,020 |
| Y | 7244 | HVAC Capstone                  | Architecture and Construction | HVAC                                   | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | High Value   | Level II | \$1,020 |
| Y | 7125 | HVAC Fundamentals              | Architecture and Construction | HVAC                                   | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value   | Level I  | \$680   |
| Y | 7126 | HVAC Service                   | Architecture and Construction | HVAC                                   | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value   | Level I  | \$680   |

|   |      |   |                        |  |   |   |                |          |         |
|---|------|---|------------------------|--|---|---|----------------|----------|---------|
| Y | 7224 | Industrial Automation and Robotics Capstone | Advanced Manufacturing | Industrial Maintenance Automation/Robotics | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | High Value     | Level II | \$1,020 |
| Y | 7260 | Industrial Electrical Capstone              | Advanced Manufacturing | Industrial Maintenance-Electrical          | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | High Value     | Level II | \$1,020 |
| Y | 7102 | Industrial Electrical Fundamentals          | Advanced Manufacturing | Industrial Maintenance - Electrical        | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value     | Level I  | \$680   |
| Y | 7261 | Industrial Maintenance Capstone             | Advanced Manufacturing | Industrial Maintenance - Mechanical        | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | High Value     | Level II | \$1,020 |
| Y | 7104 | Industrial Maintenance Fundamentals         | Advanced Manufacturing | Industrial Maintenance-Mechanical          | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value     | Level I  | \$680   |
| Y | 7269 | Industrial Wind Capstone                    | STEM                   | Energy                                     | 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum          | 6 | Moderate Value | Level II | \$600   |



|   |      |   |  |                                    |  |    |                          |          |         |
|---|------|---|--|------------------------------------|--|----|--------------------------|----------|---------|
| Y | 7222 | Industry 4.0 - Smart Manufacturing Capstone | Advanced Manufacturing                     | Industry 4.0 - Smart Manufacturing | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum                      | 6  | High Value               | Level II | \$1,020 |
| Y | 7180 | Information Technology Fundamentals         | Information Technology                     | IT Operations                      | 2 semester course, 2 semesters required, 1 credit per semester   | 2  | High Value               | Level I  | \$680   |
| Y | 4578 | Information Technology: Special Topics      | Information Technology                     |                                    | Credits: 1 semester course, up to 3 credits per semester, May be offered for successive semesters up to 12 credits | 12 | Pilot                    |          | \$300   |
| Y | 7149 | Insurance Fundamentals                      | Business Management, Marketing and Finance | Insurance                          | 2 semester course, 2 semesters required, 1 credit per semester   | 2  | Moderate Value           | Level I  | \$400   |
| Y | 7138 | Interactive Media Design                    | Arts, AV Tech and Comm                     | Digital Design                     | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum                         | 2  | Less than Moderate Value | Level I  | \$200   |
| Y | 7248 | Interior Design Capstone                    | Arts, AV Tech and Comm                     | Interior Design                    | Credits: 2 semester course, 2 semester required, 1-3 credits per semester, 6 credits max                           | 6  | Less Than Moderate Value | Level II | \$300   |
| Y | 7127 | Interior Design Fundamentals                | Arts, AV Tech and Comm                     | Interior Design                    | Credits: 2 semester course, 2 semesters required, 1 credit   | 2  | Less Than Moderate Value | Level I  | \$200   |

|   |      |  |  |  |   |   |              |  |       |
|---|------|--|--|--|---|---|--------------|--|-------|
|   |      |  |  |  | per semester, 2 credits maximum   |   |              |  |       |
| Y | 4796 | Introduction to Advanced Manufacturing and Logistics     | Advanced Manufacturing                     |  | Credits: 1 or 2 semester course, 1 credit per semester, 2 credits maximum | 2 | Introductory |  | \$300 |
| Y | 5056 | Introduction to Agriculture, Food, and Natural Resources | Agriculture                                |  | Credits: 1 or 2 semester course, 1 credit per semester, 2 credits maximum | 2 | Introductory |  | \$300 |
| Y | 4518 | Introduction to Business                                 | Business Management, Marketing and Finance |  | Credits: 1 to 2 semester course, 1 credit per semester, 2 credits maximum | 2 | Introductory |  | \$300 |
| Y | 4790 | Introduction to Communications                           | Arts, AV Tech and Comm                     |  | Credits: 1 or 2 semester course, 1 credit per semester, 2 credits maximum | 2 | Introductory |  | \$300 |
| Y | 4803 | Introduction to Computer Science                         | STEM                                       |  | Credits: 1 to 2 semester course, 1 credit per semester, 2 credits maximum | 2 | Introductory |  | \$300 |
| Y | 4792 | Introduction to Construction                             | Architecture and Construction              |  | Credits: 1 or 2 semester course, 1 credit per semester, 2 credits maximum | 2 | Introductory |  | \$300 |
| Y | 7175 | Introduction to Cosmetology and Barbering                | Human Services                             |  | Credits: 1 or 2 semester course, 1 credit per semester, 2 credits maximum | 2 | Introductory |  | \$300 |

|   |      |   |  |  |  |   |                |         |       |
|---|------|---|--|--|--|---|----------------|---------|-------|
| Y | 5438 | Introduction to Culinary Arts and Hospitality | Hospitality and Tourism                    |  | Credits: 1-2 semester course, 1 credit per semester, 2 credits maximum                     | 2 | Introductory   |         | \$300 |
| Y | 4794 | Introduction to Design Processes              | STEM                                       |  | Credits: 1 or 2 semester course, 1 credit per semester, 2 credits maximum                  | 2 | Introductory   |         | \$300 |
| Y | 5614 | Introduction to the Energy Industry           | STEM                                       |  | Credits: 1 or 2 semester course, 1 credit per semester, 2 credits maximum                  | 2 | Introductory   |         | \$300 |
| Y | 4802 | Introduction to Engineering Design            | STEM                                       |  | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | Moderate Value | Level I | \$400 |
| Y | 5967 | Introduction to Entrepreneurship              | Business Management, Marketing and Finance |  | Credits: 1 to 2 semester course, 1 credit per semester, 2 credits maximum                  | 2 | Introductory   |         | \$300 |
| Y | 5380 | Introduction to Fashion & Textiles            | Arts, AV Tech and Comm                     |  | Credits: 1 or 2 semester course, 1 credit per semester, 2 credits maximum                  | 2 | Introductory   |         | \$300 |
| Y | 5272 | Introduction to Health Science Careers        | Health Science                             |  | Credits: 1 or 2 semester course, 1 credit per semester, maximum of 2 credits               | 2 | Introductory   |         | \$300 |
| Y | 5350 | Introduction to Housing and Interior Design   | Arts, AV Tech and Comm                     |  | Credits: 1 or 2 semester course, 1 credit per semester, 2 credits maximum                  | 2 | Introductory   |         | \$300 |

|   |      |   |                        |                                      |  |   |                |          |         |
|---|------|---|------------------------|--------------------------------------|--|---|----------------|----------|---------|
| Y | 7190 | Introduction to Public Safety and First Responders  | Law and Public Safety  |                                      | Credits: 1 or 2 semester course, 1 credit per semester, 2 credits maximum            | 2 | Introductory   |          | \$300   |
| Y | 5614 | Introduction to the Energy Industry                 | STEM                   |                                      | Credits: 1 or 2 semester course, 1 credit per semester, 2 credits maximum            | 2 | Introductory   |          | \$300   |
| Y | 4798 | Introduction to Transportation                      | Transportation         |                                      | Credits: 1 or 2 semester course, 1 credit per semester, 2 credits maximum            | 2 | Introductory   |          | \$300   |
| Y | 7249 | IT Operations: Cybersecurity Operations Capstone    | Information Technology | IT Operations: Cybersecurity         | 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | High Value     | Level II | \$1,020 |
| Y | 7247 | IT Operations: Cloud and Server Operations Capstone | Information Technology | IT Operations:                       | 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Moderate Value | Level II | \$600   |
| Y | 7245 | IT Operations: IT Support Capstone                  | Information Technology | IT Operations: Support               | 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 2 | Moderate Value | Level II | \$600   |
| Y | 7321 | Kinesiology   | Health Science         | Human Performance / Physical Therapy | 2 semester course, 2 semesters required, 1 credit per semester                       | 2 | High Value     | Level I  | \$680   |

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|---|------|-------------------------------------|--|-------------------------|--|---|----------------|----------|-------|
| Y | 7115 | Landscape and Turf Management       | Agriculture                                | Landscaping             | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | Moderate Value | Level I  | \$400 |
| Y | 7234 | Landscape Management Capstone       | Agriculture                                | Landscaping             | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits max  | 6 | Moderate Value | Level II | \$600 |
| Y | 7191 | Law Enforcement Fundamentals        | Law and Public Safety                      | Criminal Justice        | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | Moderate Value | Level I  | \$400 |
| Y | 7155 | Logistics Management                | Business Management, Marketing and Finance | Supply Chain            | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value     | Level I  | \$680 |
| Y | 7143 | Management Fundamentals             | Business Management, Marketing and Finance | Business Administration | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | High Value     | Level I  | \$680 |
| Y | 7202 | Manufacturing Principles and Design | STEM                                       | Design Tech             | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value     | Level I  | \$680 |
| Y | 5914 | Marketing Fundamentals              | Business Management, Marketing and Finance | Marketing and Sales     | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | High Value     | Level I  | \$680 |

|   |      |                                     |                        |  |   |   |                          |          |         |
|---|------|-------------------------------------|------------------------|--|---|---|--------------------------|----------|---------|
| Y | 7307 | Mass Media Production               | Arts, AV Tech and Comm | Radio and TV                               | 2 semester course, 2 semesters required, 1 credit per semester                                | 6 | Less Than Moderate Value | Level I  | \$200   |
| Y | 7128 | Materials, Finishes, and Design     | Arts, AV Tech and Comm | Interior Design                            | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | Less Than Moderate Value | Level I  | \$200   |
| Y | 7196 | Mechanical and Architectural Design | STEM                   | Design Tech                                | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | High Value               | Level I  | \$680   |
| Y | 7223 | Mechanical Design Capstone          | STEM                   | Design Tech                                | 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum          | 6 | High Value               | Level II | \$1,020 |
| Y | 7106 | Mechatronics Systems                | Advanced Manufacturing | Industrial Maintenance Automation/Robotics | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value               | Level I  | \$680   |
| Y | 5217 | Medical Interventions               | Health Science         | Biomed                                     | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value               | Level I  | \$680   |
| Y | 5274 | Medical Terminology                 | Health Science         |  | Credits: 2 semester course, 2 semesters required, 1 credit per semester, maximum of 2 credits | 2 | High Value               | Level I  | \$680   |

|   |      |   |  |                   |  |   |                          |          |         |
|---|------|---|--|-------------------|--|---|--------------------------|----------|---------|
| Y | 7266 | Natural Gas Capstone                    | STEM                                       | Energy            | 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum       | 6 | Less than Moderate Value | Level II | \$300   |
| Y | 5180 | Natural Resources                       | Agriculture                                | Natural Resources | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | Less Than Moderate Value | Level I  | \$200   |
| Y | 7181 | Networking and Cybersecurity Operations | Information Technology                     | IT Operations     | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value               | Level I  | \$680   |
| Y | 7251 | Networking Capstone                     | Information Technology                     | Networking        | 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum       | 6 | High Value               | Level II | \$1,020 |
| Y | 7182 | Networking Fundamentals                 | Information Technology                     | Networking        | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value               | Level I  | \$680   |
| Y | 7148 | New Venture Development                 | Business Management, Marketing and Finance | Entrepreneurship  | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | Moderate Value           | Level I  | \$400   |
| Y | 7171 | Nutrition                               | Hospitality and Tourism                    |                   | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | Moderate Value           | Level I  | \$400   |

|   |      |                                   |  |                        |  |   |                |          |         |
|---|------|-----------------------------------|--|------------------------|--|---|----------------|----------|---------|
| Y | 7170 | Nutrition Planning and Therapy    | Hospitality and Tourism                    | Nutrition Science      | 2 semester course, 2 semesters required, 1 credit per semester                           | 2 | Moderate Value | Level I  | \$400   |
| Y | 7239 | Nutrition Science Capstone        | Hospitality and Tourism                    | Nutrition Science      | Credits: 2 semester course, 2 semester required, 1-3 credits per semester, 6 credits max | 6 | Moderate Value | Level II | \$600   |
| Y | 7192 | Paralegal Fundamentals            | Law and Public Safety                      | Paralegal              | 2 semester course, 2 semesters required, 1 credit per semester                           | 2 | High Value     | Level I  | \$680   |
| Y | 7227 | Paralegal Studies Capstone        | Law and Public Safety                      | Paralegal              | Credits: 2 semester course, 2 semester required, 1-3 credits per semester, 6 credits max | 6 | High Value     | Level II | \$1,020 |
| Y | 7151 | Personal and Commercial Insurance | Business Management, Marketing and Finance | Insurance              | 2 semester course, 2 semesters required, 1 credit per semester                           | 2 | Moderate Value | Level I  | \$400   |
| Y | 7150 | Personal Finance and Banking      | Business Management, Marketing and Finance | Finance and Investment | 2 semester course, 2 semesters required, 1 credit per semester                           | 2 | High Value     | Level I  | \$680   |
| Y | 7310 | Pharmacy Capstone                 | Health Science                             | Pharmacy Tech          | 2 semester course, 2 semester required, 1-3 credits per semester, 6 credits max          | 2 | High Value     | Level I  | \$680   |



|   |      |  |                               |                                      |   |   |                |          |         |
|---|------|--|-------------------------------|--------------------------------------|---|---|----------------|----------|---------|
| Y | 7167 | Pharmacy Tech                              | Health Science                | Pharmacy Tech                        | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | High Value     | Level I  | \$680   |
| Y | 7323 | Physical Therapy Capstone                  | Health Science                | Human Performance / Physical Therapy | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | High Value     | Level II | \$1,020 |
| Y | 5170 | Plant and Soil Science                     | Agriculture                   | Agriscience                          | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | Moderate Value | Level I  | \$400   |
| Y | 7206 | Plastic Body Repair and Paint Fundamentals | Transportation                | Auto Collision Repair                | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | Moderate Value | Level I  | \$400   |
| Y | 7264 | Plumbing and Pipefitting Capstone          | Architecture and Construction | Plumbing and Pipefitting             | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | High Value     | Level II | \$1,020 |
| Y | 7129 | Plumbing and Pipefitting Fundamentals      | Architecture and Construction | Plumbing and Pipefitting             | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value     | Level I  | \$680   |
| Y | 7116 | Precision Agriculture                      | Agriculture                   | Precision Ag                         | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | Moderate Value | Level I  | \$400   |

|   |      |  |                               |                                       |   |   |                                   |          |         |
|---|------|--|-------------------------------|---------------------------------------|---|---|-----------------------------------|----------|---------|
| Y | 7236 | Precision Agriculture Capstone                           | Agriculture                   | Precision Ag                          | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits max   | 6 | Moderate Value                    | Level II | \$600   |
| Y | 7219 | Precision Machining Capstone                             | Advanced Manufacturing        | Precision Machining                   | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum   | 6 | High Value                        | Level II | \$1,020 |
| Y | 7105 | Precision Machining Fundamentals                         | Advanced Manufacturing        | Precision Machining                   | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum  | 2 | High Value                        | Level I  | \$680   |
| Y | 5394 | Preparing for College and Careers                        | CTE                           |                                       | Credits: 1 to 2 semester course, 1 credit per semester, 2 credits maximum<br>Only 1 credit may count toward CTE Concentrator Status for Perkins IV Pathways | 2 | Preparing for College and Careers |          | \$150   |
| Y | 7108 | Principles of Advanced Manufacturing                     | Advanced Manufacturing        | Industrial Maintenance                | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum  | 2 | High Value                        | Level I  | \$680   |
| Y | 7295 | Principles of Architecture, Engineering and Construction | Architecture and Construction | Architecture Engineering Construction | 2 semester course, 2 semesters required, 1 credit per semester  | 2 | Moderate Value                    | Level I  | \$400   |

|   |      |   |  |                         |  |   |                          |         |       |
|---|------|---|--|-------------------------|--|---|--------------------------|---------|-------|
| Y | 7117 | Principles of Agriculture               | Agriculture                                |                         | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | Moderate Value           | Level I | \$400 |
| Y | 7213 | Principles of Automotive Services       | Transportation                             | Automotive Service      | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | Moderate Value           | Level I | \$400 |
| Y | 7214 | Principles of Aviation Management       | Transportation                             | Aviation Management     | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | Moderate Value           | Level I | \$400 |
| Y | 7330 | Principles of Barbering and Cosmetology | Human Services                             | Cosmetology             | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | Less than Moderate Value | Level I | \$200 |
| Y | 5218 | Principles of Biomedical Sciences       | Health Science                             | Biomed                  | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value               | Level I | \$680 |
| Y | 7340 | Principles of Biotechnology             | STEM                                       | Biotechnology           | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value               | Level I | \$680 |
| Y | 7139 | Principles of Broadcasting              | Arts, AV Tech and Comm                     | Radio and TV            | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | Less than Moderate Value | Level I | \$200 |
| Y | 4562 | Principles of Business Management       | Business Management, Marketing and Finance | Business Administration | Credits: 2 semester course, 2 semesters required, 1 credit                                 | 2 | High Value               | Level I | \$680 |

|   |      |  |  |                                    |  |   |                |         |       |
|---|------|--|--|------------------------------------|--|---|----------------|---------|-------|
|   |      |  |  |                                    | per semester, 2 credits maximum  |   |                |         |       |
| Y | 7153 | Principles of Business Operations and Technology | Business Management, Marketing and Finance | Business Operations and Technology | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | High Value     | Level I | \$680 |
| Y | 7215 | Principles of Collision Repair                   | Transportation                             | Auto Collision Repair              | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | Moderate Value | Level I | \$400 |
| Y | 7183 | Principles of Computing                          | Information Technology                     |                                    | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value     | Level I | \$680 |
| Y | 7130 | Principles of Construction Trades                | Architecture and Construction              | Construction Trades                | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | High Value     | Level I | \$680 |
| Y | 7193 | Principles of Criminal Justice                   | Law and Public Safety                      | Criminal Justice                   | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | Moderate Value | Level I | \$400 |
| Y | 7173 | Principles of Culinary and Hospitality           | Hospitality and Tourism                    |                                    | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | Moderate Value | Level I | \$400 |
| Y | 7315 | Principles of Dental Careers                     | Health Science                             | Dental Careers                     | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value     | Level I | \$680 |

|   |      |   |  |                                      |  |   |                          |         |       |
|---|------|---|--|--------------------------------------|--|---|--------------------------|---------|-------|
| Y | 7216 | Principles of Diesel Technology         | Transportation                             | Diesel                               | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value               | Level I | \$680 |
| Y | 7140 | Principles of Digital Design            | Arts, AV Tech and Comm                     | Digital Design                       | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | Less than Moderate Value | Level I | \$200 |
| Y | 7160 | Principles of Early Childhood Education | Education and Training                     | Early Childhood                      | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | Moderate Value           | Level I | \$400 |
| Y | 7203 | Principles of Energy Technology         | STEM                                       | Energy                               | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | Moderate Value           | Level I | \$400 |
| Y | 5644 | Principles of Engineering               | STEM                                       |                                      | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | Moderate Value           | Level I | \$400 |
| Y | 7154 | Principles of Entrepreneurship          | Business Management, Marketing and Finance | Entrepreneurship                     | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | Moderate Value           | Level I | \$400 |
| Y | 7320 | Principles of Exercise Science          | Health Science                             | Human Performance / Physical Therapy | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value               | Level I | \$680 |
| Y | 7301 | Principles of Fashion and Textiles      | Arts, AV Tech and Comm                     | Fashion & Textile                    | 2 semester course, 2 semesters required, 1 credit per semester                             | 6 | Less Than Moderate Value | Level I | \$200 |

|   |      |   |                               |                                    |  |   |                          |         |       |
|---|------|---|-------------------------------|------------------------------------|--|---|--------------------------|---------|-------|
| Y | 7195 | Principles of Fire and Rescue                                   | Law and Public Safety         | Fire and Rescue                    | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value               | Level I | \$400 |
| Y | 7168 | Principles of Healthcare  |                               |                                    | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value               | Level I | \$680 |
| Y | 7131 | Principles of Heating, Ventilation, and Air Conditioning (HVAC) | Architecture and Construction | HVAC                               | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | High Value               | Level I | \$680 |
| Y | 7176 | Principles of Human Services                                    | Human Services                | Human and Social Services          | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value               | Level I | \$680 |
| Y | 7220 | Principles of Industry 4.0 - Smart Manufacturing                | Advanced Manufacturing        | Industry 4.0 - Smart Manufacturing | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | High Value               | Level I | \$680 |
| Y | 7132 | Principles of Interior Design                                   | Arts, AV Tech and Comm        | Interior Design                    | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | Less than Moderate Value | Level I | \$200 |
| Y | 7194 | Principles of Paralegal Studies                                 | Law and Public Safety         | Paralegal                          | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value               | Level I | \$680 |
| Y | 7133 | Principles of Plumbing and Pipefitting                          | Architecture and Construction | Plumbing and Pipefitting           | Credits: 2 semester course, 2 semesters required, 1 credit                                 | 2 | High Value               | Level I | \$680 |

|   |      |  |                        |                       |  |    |                          |         |       |
|---|------|--|------------------------|-----------------------|--|----|--------------------------|---------|-------|
|   |      |  |                        |                       | per semester, 2 credits maximum  |    |                          |         |       |
| Y | 7109 | Principles of Precision Machining      | Advanced Manufacturing | Precision Machining   | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2  | High Value               | Level I | \$680 |
| Y | 7161 | Principles of Teaching                 | Education and Training | Education Professions | 2 semester course, 2 semesters required, 1 credit per semester                             | 2  | High Value               | Level I | \$680 |
| Y | 7280 | Principles of Veterinary Science       | Agriculture            |                       | 2 semester course, 2 semesters required, 1 credit per semester                             | 2  | High Value               | Level I | \$680 |
| Y | 7110 | Principles of Welding Technology       | Advanced Manufacturing | Welding Technology    | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2  | High Value               | Level I | \$680 |
| Y | 7217 | Private Pilot Theory                   | Transportation         | Aviation Management   | 2 semester course, 2 semesters required, 1 credit per semester                             | 2  | Moderate Value           | Level I | \$400 |
| Y | 7136 | Professional Photography & Videography | Arts, AV Tech and Comm | Digital Design        | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2  | Less than Moderate Value | Level I | \$200 |
| Y | 6154 | Public Safety: Special Topics          | Law and Public Safety  |                       | Credits: 1 semester course, up to 3 credits per semester, May be offered                   | 12 | Pilot                    |         | \$300 |

|   |      |                                    |  |                                    |   |   |                          |          |       |
|---|------|------------------------------------|--|------------------------------------|---|---|--------------------------|----------|-------|
|   |      |                                    |  |                                    | for successive semesters up to 12 credits   |   |                          |          |       |
| Y | 7308 | Radio and TV Broadcasting Capstone | Arts, AV Tech and Comm                     | Radio and TV                       | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Less Than Moderate Value | Level II | \$300 |
| Y | 7177 | Relationships and Emotions         | Human Services                             | Human and Social Services          | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | High Value               | Level I  | \$680 |
| Y | 7365 | Renewable Energy Alternatives      | STEM                                       | Energy                             | 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum          | 6 | Less than Moderate Value | Level II | \$300 |
| Y | 4728 | Robotics Design and Innovation     | Advanced Manufacturing                     | Industry 4.0 - Smart Manufacturing | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value               | Level I  | \$680 |
| Y | 7111 | Shielded Metal Arc Welding         | Advanced Manufacturing                     | Welding Technology                 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value               | Level I  | \$680 |
| Y | 7147 | Small Business Operation           | Business Management, Marketing and Finance | Entrepreneurship                   | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | Moderate Value           | Level I  | \$400 |



|   |      |                               |  |                                    |   |   |                |          |         |
|---|------|-------------------------------|--|------------------------------------|---|---|----------------|----------|---------|
| Y | 7100 | Smart Manufacturing Systems   | Advanced Manufacturing                     | Industry 4.0 - Smart Manufacturing | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value     | Level I  | \$680   |
| Y | 7184 | Software Development          | Information Technology                     | Software Development               | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | High Value     | Level I  | \$680   |
| Y | 7253 | Software Development Capstone | Information Technology                     | Software Development               | 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum          | 6 | High Value     | Level II | \$1,020 |
| Y | 7271 | Soil and Water Management     | Agriculture                                |                                    | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | Moderate Value | Level I  | \$400   |
| Y | 7212 | Steering and Suspensions      | Transportation                             | Auto Service                       | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | Moderate Value | Level I  | \$400   |
| Y | 5918 | Strategic Marketing           | Business Management, Marketing and Finance | Marketing and Sales                | Credits: 2 semester course, 2 semesters required, 1-2 credits per semester, 4 credits maximum | 4 | High Value     | Level I  | \$680   |
| Y | 7142 | Supply Chain Management       | Business Management, Marketing and Finance | Supply Chain                       | 2 semester course, 2 semesters required, 1 credit per semester                                | 2 | High Value     | Level I  | \$680   |

|   |      |                                      |  |                                       |  |   |                          |          |         |
|---|------|--------------------------------------|--|---------------------------------------|--|---|--------------------------|----------|---------|
| Y | 7258 | Supply Chain Management Capstone     | Business Management, Marketing and Finance | Supply Chain                          | 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum       | 6 | High Value               | Level II | \$1,020 |
| Y | 7296 | Surveying                            | Architecture and Construction              | Architecture Engineering Construction | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | Moderate Value           | Level I  | \$400   |
| Y | 5229 | Sustainable Energy Alternatives      | Agriculture                                | Natural Resources                     | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum | 2 | Less than Moderate Value | Level I  | \$200   |
| Y | 7162 | Teaching and Learning                | Education and Training                     | Ed Professions                        | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value               | Level I  | \$680   |
| Y | 4508 | Technical/ Business Communication    | Business Management, Marketing and Finance | Business Operations and Technology    | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | High Value               | Level I  | \$680   |
| Y | 7156 | Technical Skills Development         | CTE WBL                                    |                                       | 2 semester course, 2 semesters required, 1 credit per semester                             | 2 | Introductory             |          | \$300   |
| Y | 7302 | Textiles, Apparel, and Merchandising | Arts, AV Tech and Comm                     | Fashion & Textile                     | 2 semester course, 2 semesters required, 1 credit per semester                             | 6 | Less Than Moderate Value | Level I  | \$200   |
| Y | 7351 | Topics in Computer Science           | STEM                                       | Computer Science                      | 2 semester course, 2 semesters   | 2 | High Value               | Level II | \$1,020 |

|   |      |                                  |                        |                           |  |    |            |          |         |
|---|------|----------------------------------|------------------------|---------------------------|--|----|------------|----------|---------|
|   |      |                                  |                        |                           | required, 1 credit per semester  |    |            |          |         |
| Y | 5622 | Tractor/Trailer Operations       | Transportation         |                           | Credits: 1 semester course, 1-3 credits per semester, 3 credits maximum  | 6  | High Value | Level II | \$1,020 |
| Y | 6156 | Transportation: Special Topics   | Transportation         |                           | Credits: 1 semester course, up to 3 credits per semester; May be offered for successive semesters up to 12 credits | 12 | Pilot      |          | \$300   |
| Y | 7174 | Understanding Diversity          | Human Services         | Human and Social Services | 2 semester course, 2 semesters required, 1 credit per semester   | 2  | High Value | Level I  | \$680   |
| Y | 7281 | Veterinary Science               | Agriculture            |                           | 2 semester course, 2 semesters required, 1 credit per semester   | 2  | High Value | Level I  | \$680   |
| Y | 7282 | Veterinary Science Capstone      | Agriculture            |                           | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum                      | 6  | High Value | Level II | \$1,020 |
| Y | 7185 | Website and Database Development | Information Technology | Software Development      | 2 semester course, 2 semesters required, 1 credit per semester   | 2  | High Value | Level I  | \$680   |

|   |      |                              |                        |                    |   |   |                     |          |         |
|---|------|------------------------------|------------------------|--------------------|---|---|---------------------|----------|---------|
| Y | 7226 | Welding Technology Capstone  | Advanced Manufacturing | Welding Technology | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum   | 6 | High Value          | Level II | \$1,020 |
| Y | 5974 | Work Based Learning Capstone | CTE WBL                |                    | Credits: 1 semester course, 1-3 credits per semester, 6 credits maximum<br>A minimum of 85 hours of workplace and classroom activities are required for one credit; 170 hours are required for the two credits. Of the 85 or 170 hours, 18 to 36 hours (at least 1 hour a week or the equivalent over a semester or year) must be spent in related classroom instruction. | 6 | Work Based Learning |          | \$500   |

**Part II:** All of the Perkins IV (previously existing) Level I and II courses that will be phased out after the 2023-2024 school year. Part II also includes some previously existing courses that were not integrated into a Next Level Program of Study. A decision on whether these courses will be phased out or not has not been made.

| Course NLPS | Course Code | Secondary Course Title                  | Cluster                                    | Pathway                      | Credits   | Max Credits | Funding Category         | Funding Level | Funding |
|-------------|-------------|---|--|------------------------------|---|-------------|--------------------------|---------------|---------|
| N           | 5530        | 3D Computer Animation and Visualization | Arts, AV Tech and Comm                     | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2           | Less Than Moderate Value | Level I       | \$200   |
| N           | 5268        | Administrative and Office Management    | Business Management, Marketing and Finance | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 4           | High Value               | Level II      | \$1,020 |
| N           | 5608        | Advanced Manufacturing I                | Advanced Manufacturing                     | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2           | High Value               | Level I       | \$680   |
| N           | 5606        | Advanced Manufacturing II               | Advanced Manufacturing                     | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6           | High Value               | Level II      | \$1,020 |
| N           | 5002        | Agribusiness Management                 | Agriculture                                | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2           | Moderate Value           | Level I       | \$400   |

|   |      |                                      |                |                              |   |   |                |          |       |
|---|------|--------------------------------------|----------------|------------------------------|---|---|----------------|----------|-------|
| N | 5640 | Architectural Drafting and Design I  | STEM           | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 6 | Moderate Value | Level I  | \$400 |
| N | 5652 | Architectural Drafting and Design II | STEM           | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Moderate Value | Level II | \$600 |
| N | 5514 | Automotive Collision Repair I        | Transportation | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | Moderate Value | Level I  | \$400 |
| N | 5544 | Automotive Collision Repair II       | Transportation | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Moderate Value | Level II | \$600 |
| N | 5510 | Automotive Services Technology I     | Transportation | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | Moderate Value | Level I  | \$400 |
| N | 5546 | Automotive Services Technology II    | Transportation | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Moderate Value | Level II | \$600 |

|   |      |                         |                |                              |   |   |                |          |       |
|---|------|-------------------------|----------------|------------------------------|---|---|----------------|----------|-------|
| N | 5524 | Aviation Flight         | Transportation |                              | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum   | 6 | High Value     | Level I  | \$680 |
| N | 5520 | Aviation Maintenance I  | Transportation | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum   | 6 | Moderate Value | Level I  | \$400 |
| N | 5522 | Aviation Maintenance II | Transportation | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum<br>Counts as a directed elective or elective for all diplomas | 6 | Moderate Value | Level II | \$600 |
| N | 5528 | Aviation Operations     | Transportation |                              | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum   | 6 | Moderate Value | Level I  | \$400 |
| N | 7208 | Aviation Sheet Metal I  | Transportation | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum   | 6 | High Value     | Level I  | \$680 |

|   |      |  |  |                              |   |   |                |          |         |
|---|------|--|--|------------------------------|---|---|----------------|----------|---------|
| N | 7209 | Aviation Sheet Metal II                | Transportation                             | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | High Value     | Level II | \$1,020 |
| N | 5258 | Banking and Investment Capstone        | Business Management, Marketing and Finance | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 6 | High Value     | Level II | \$680   |
| N | 5344 | Biochemistry of Foods                  | Hospitality and Tourism                    | Not NLPS                     | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | Moderate Value | Level I  | \$400   |
| N | 5593 | Building and Facilities Maintenance I  | Architecture and Construction              | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 6 | Moderate Value | Level I  | \$400   |
| N | 5594 | Building and Facilities Maintenance II | Architecture and Construction              | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Moderate Value | Level II | \$600   |
| N | 5592 | Building and Facilities Management I   | Architecture and Construction              | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 6 | High Value     | Level I  | \$680   |



|   |      |  |  |                              |   |   |                          |          |         |
|---|------|--|--|------------------------------|---|---|--------------------------|----------|---------|
| N | 5595 | Building and Facilities Management II        | Architecture and Construction              | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | High Value               | Level II | \$1,020 |
| N | 4560 | Business Law and Ethics                      | Business Management, Marketing and Finance | Not NLPS                     | Credits: 1 to 2 semester course, 1 credit per semester, 2 credits maximum                     | 2 | Moderate Value           | Level I  | \$400   |
| N | 5570 | Commercial Photography                       | Arts, AV Tech and Comm                     | Not NLPS                     | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 6 | Less Than Moderate Value | Level I  | \$200   |
| N | 4516 | Computer Illustration and Graphics           | Arts, AV Tech and Comm                     | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | Less than Moderate Value | Level I  | \$200   |
| N | 4801 | Computer Science I                           | STEM                                       | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value               | Level I  | \$680   |
| N | 5236 | Computer Science II                          | STEM                                       | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value               | Level II | \$1,020 |
| N | 5253 | Computer Science III: Cybersecurity Capstone | STEM                                       | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value               | Level II | \$1,020 |

|   |      |   |                               |                              |   |   |            |          |         |
|---|------|---|-------------------------------|------------------------------|---|---|------------|----------|---------|
| N | 5250 | Computer Science III: Databases                     | STEM                          | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value | Level II | \$1,020 |
| N | 5251 | Computer Science III: Informatics                   | STEM                          | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value | Level II | \$1,020 |
| N | 5249 | Computer Science III: Software Development Capstone | STEM                          | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value | Level II | \$1,020 |
| N | 5580 | Construction Trades I                               | Architecture and Construction | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value | Level I  | \$680   |
| N | 5578 | Construction Trades II                              | Architecture and Construction | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | High Value | Level II | \$1,020 |
| N | 4830 | Construction Trades: Electrical I                   | Architecture and Construction | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value | Level I  | \$680   |
| N | 4832 | Construction Trades: Electrical II                  | Architecture and Construction | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per                             | 6 | High Value | Level II | \$1,020 |

|   |      |   |                               |                              |   |   |                          |          |         |
|---|------|---|-------------------------------|------------------------------|---|---|--------------------------|----------|---------|
|   |      |   |                               |                              | semester, 6 credits maximum   |   |                          |          |         |
| N | 5497 | Construction Trades: Heavy Equipment I  | Architecture and Construction | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 6 | Moderate Value           | Level I  | \$400   |
| N | 5495 | Construction Trades: Heavy Equipment II | Architecture and Construction | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Moderate Value           | Level II | \$600   |
| N | 5496 | Construction Trades: HVAC I             | Architecture and Construction | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value               | Level I  | \$680   |
| N | 5498 | Construction Trades: HVAC II            | Architecture and Construction | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | High Value               | Level II | \$1,020 |
| N | 5802 | Cosmetology I                           | Human Services                | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 6 | Less Than Moderate Value | Level I  | \$200   |
| N | 5806 | Cosmetology II                          | Human Services                | Not NLPS                     | Credits: 2 semester course, 2 semesters required, 1-3 credits per                             | 6 | Less Than Moderate Value | Level II | \$300   |

|   |      |  |                         |                              |   |   |                |          |       |
|---|------|--|-------------------------|------------------------------|---|---|----------------|----------|-------|
|   |      |  |                         |                              | semester, 6 credits maximum   |   |                |          |       |
| N | 5822 | Criminal Justice I                                       | Law and Public Safety   | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | Moderate Value | Level I  | \$400 |
| N | 5824 | Criminal Justice II                                      | Law and Public Safety   | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Moderate Value | Level II | \$600 |
| N | 5440 | Culinary Arts and Hospitality I                          | Hospitality and Tourism | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, maximum of 2 credits | 2 | Moderate Value | Level I  | \$400 |
| N | 5346 | Culinary Arts and Hospitality II: Culinary Arts          | Hospitality and Tourism | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Moderate Value | Level II | \$600 |
| N | 5458 | Culinary Arts and Hospitality II: Hospitality Management | Hospitality and Tourism | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Moderate Value | Level II | \$600 |

|   |      |                                 |                           |                                    |   |   |                   |          |         |
|---|------|---------------------------------|---------------------------|------------------------------------|---|---|-------------------|----------|---------|
| N | 5203 | Dental Careers I                | Health Science            | Not NLPS<br>Unavailable in<br>2024 | Credits: 2<br>semester course,<br>2 semesters<br>required, 1 credit<br>per semester, 2<br>credits maximum           | 6 | High Value        | Level I  | \$680   |
| N | 5204 | Dental Careers II               | Health Science            | Not NLPS<br>Unavailable in<br>2024 | Credits: 2<br>semester course,<br>2 semesters<br>required, 3<br>credits per<br>semester,<br>maximum of 6<br>credits | 6 | High Value        | Level II | \$1,020 |
| N | 5620 | Diesel Service<br>Technology I  | Transportation            | Not NLPS<br>Unavailable in<br>2024 | Credits: 2<br>semester course,<br>2 semesters<br>required, 1 credit<br>per semester, 2<br>credits maximum           | 2 | High Value        | Level I  | \$680   |
| N | 5624 | Diesel Service<br>Technology II | Transportation            | Not NLPS<br>Unavailable in<br>2024 | Credits: 2<br>semester course,<br>2 semesters<br>required, 1-3<br>credits per<br>semester, 6<br>credits maximum     | 6 | High Value        | Level II | \$1,020 |
| N | 5412 | Early Childhood<br>Education I  | Education and<br>Training | Not NLPS<br>Unavailable in<br>2024 | Credits: 2<br>semester course,<br>2 semesters<br>required, 1 credit<br>per semester, 2<br>credits maximum           | 2 | Moderate<br>Value | Level I  | \$400   |
| N | 5406 | Early Childhood<br>Education II | Education and<br>Training | Not NLPS<br>Unavailable in<br>2024 | Credits: 2<br>semester course,<br>2 semesters<br>required, 1-3<br>credits per<br>semester, 6<br>credits maximum     | 6 | Moderate<br>Value | Level II | \$600   |

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|---|------|--|------------------------|------------------------------|--|---|----------------|----------|---------|
| N | 5408 | Education Professions I                | Education and Training | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum       | 2 | High Value     | Level I  | \$680   |
| N | 5404 | Education Professions II               | Education and Training | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum    | 6 | High Value     | Level II | \$1,020 |
| N | 5684 | Electronics and Computer Technology I  | STEM                   | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum       | 6 | Moderate Value | Level I  | \$400   |
| N | 5694 | Electronics and Computer Technology II | STEM                   | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum    | 6 | Moderate Value | Level II | \$600   |
| N | 5210 | Emergency Medical Services             | Law and Public Safety  | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, maximum of 6 credits | 6 | High Value     | Level I  | \$680   |
| N | 5616 | Energy Industry I                      | STEM                   | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum       | 2 | Moderate Value | Level I  | \$400   |

|   |      |                                  |                           |                                    |   |   |                                |          |         |
|---|------|----------------------------------|---------------------------|------------------------------------|---|---|--------------------------------|----------|---------|
| N | 5618 | Energy Industry II               | STEM                      | Not NLPS<br>Unavailable in<br>2024 | Credits: 2<br>semester course,<br>2 semesters<br>required, 1-3<br>credits per<br>semester, 6<br>credits maximum | 6 | Moderate<br>Value              | Level II | \$600   |
| N | 5420 | Fashion & Textiles<br>Careers I  | Arts, AV Tech<br>and Comm | Not NLPS<br>Unavailable in<br>2024 | Credits: 2<br>semester course,<br>2 semesters<br>required, 1 credit<br>per semester, 2<br>credits maximum       | 6 | Less Than<br>Moderate<br>Value | Level I  | \$200   |
| N | 5421 | Fashion & Textiles<br>Careers II | Arts, AV Tech<br>and Comm | Not NLPS<br>Unavailable in<br>2024 | Credits: 2<br>semester course,<br>2 semesters<br>required, 1-3<br>credits per<br>semester, 6<br>credits maximum | 6 | Less Than<br>Moderate<br>Value | Level II | \$300   |
| N | 5820 | Fire and Rescue I                | Law and Public<br>Safety  | Not NLPS<br>Unavailable in<br>2024 | Credits: 2<br>semester course,<br>2 semesters<br>required, 1 credit<br>per semester, 2<br>credits maximum       | 2 | High Value                     | Level I  | \$680   |
| N | 5826 | Fire and Rescue II               | Law and Public<br>Safety  | Not NLPS<br>Unavailable in<br>2024 | Credits: 2<br>semester course,<br>2 semesters<br>required, 1-3<br>credits per<br>semester, 6<br>credits maximum | 6 | High Value                     | Level II | \$1,020 |
| N | 5572 | Graphic Imaging<br>Technology    | Arts, AV Tech<br>and Comm | Not NLPS<br>Unavailable in<br>2024 | Credits: 2<br>semester course,<br>2 semesters<br>required, 1 credit<br>per semester, 2<br>credits maximum       | 6 | Less Than<br>Moderate<br>Value | Level I  | \$200   |

|   |      |  |                |                              |   |   |                |          |         |
|---|------|--|----------------|------------------------------|---|---|----------------|----------|---------|
| N | 5282 | Health Science Education I                     | Health Science | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, maximum of 2 credits     | 2 | High Value     | Level I  | \$680   |
| N | 5290 | Health Science Education II: Athletic Training | Health Science | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, maximum of 6 credits. | 6 | Moderate Value | Level II | \$600   |
| N | 5288 | Health Science Education II: Medical Forensics | Health Science | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, maximum of 6 credits. | 6 | Moderate Value | Level II | \$600   |
| N | 5284 | Health Science Education II: Nursing           | Health Science | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, maximum of 6 credits  | 6 | High Value     | Level II | \$1,020 |
| N | 5214 | Health Science Education II: Pharmacy          | Health Science | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, maximum of 6 credits. | 6 | High Value     | Level II | \$1,020 |



|   |      |   |                               |                              |   |   |                          |          |         |
|---|------|---|-------------------------------|------------------------------|---|---|--------------------------|----------|---------|
| N | 5215 | Health Science Education II: Physical Therapy | Health Science                | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, maximum of 6 credits. | 6 | High Value               | Level II | \$1,020 |
| N | 5352 | Housing and Interior Design Careers I         | Architecture and Construction | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum        | 2 | Less Than Moderate Value | Level I  | \$200   |
| N | 5460 | Housing and Interior Design Careers II        | Architecture and Construction | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum     | 6 | Less Than Moderate Value | Level II | \$300   |
| N | 5336 | Human and Social Services I                   | Human Services                | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum        | 2 | High Value               | Level I  | \$680   |
| N | 5462 | Human and Social Services II                  | Human Services                | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum     | 6 | High Value               | Level II | \$1,020 |
| N | 5610 | Industrial Automation and Robotics I          | Advanced Manufacturing        | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum        | 2 | High Value               | Level I  | \$680   |

|   |      |                                       |                        |                              |   |   |                          |          |         |
|---|------|---------------------------------------|------------------------|------------------------------|---|---|--------------------------|----------|---------|
| N | 5612 | Industrial Automation and Robotics II | Advanced Manufacturing | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | High Value               | Level II | \$1,020 |
| N | 5686 | Industrial Technical Maintenance I    | Advanced Manufacturing | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value               | Level I  | \$680   |
| N | 5688 | Industrial Technical Maintenance II   | Advanced Manufacturing | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | High Value               | Level II | \$1,020 |
| N | 5230 | Information Technology Support I      | Information Technology | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | Moderate Value           | Level I  | \$400   |
| N | 5231 | Information Technology Support II     | Information Technology | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Moderate Value           | Level II | \$600   |
| N | 5232 | Interactive Media                     | Arts, AV Tech and Comm | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | Less Than Moderate Value | Level I  | \$200   |

|   |      |                                      |  |                              |   |   |                |          |         |
|---|------|--------------------------------------|--|------------------------------|---|---|----------------|----------|---------|
| N | 5136 | Landscape Management I               | Agriculture                                | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum      | 2 | Moderate Value | Level I  | \$400   |
| N | 5137 | Landscape Management II              | Agriculture                                | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credit(s) per semester, 6 credits maximum | 6 | Moderate Value | Level II | \$600   |
| N | 5982 | Marketing in Hospitality and Tourism | Business Management, Marketing and Finance | Not NLPS Unavailable in 2024 | Credits: 1 to 2 semester course, 1 credit per semester, 2 credits maximum                       | 2 | Moderate Value | Level I  | \$400   |
| N | 4836 | Mechanical Drafting and Design I     | STEM                                       | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum      | 2 | \$680          | Level I  | \$680   |
| N | 4838 | Mechanical Drafting and Design II    | STEM                                       | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum   | 6 | High Value     | Level II | \$1,020 |
| N | 5962 | Merchandising                        | Business Management, Marketing and Finance | Not NLPS                     | Credits: 1 to 2 semester course, 1 credit per semester, 2 credits maximum                       | 2 | Moderate Value | Level I  | \$400   |
| N | 5234 | Networking I                         | Information Technology                     | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum      | 6 | High Value     | Level I  | \$680   |

|   |      |                                       |                         |                              |   |   |                |          |         |
|---|------|---------------------------------------|-------------------------|------------------------------|---|---|----------------|----------|---------|
| N | 5245 | Networking II: Cybersecurity Capstone | Information Technology  | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | High Value     | Level II | \$1,020 |
| N | 4588 | Networking II: Infrastructure         | Information Technology  | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | High Value     | Level II | \$1,020 |
| N | 5257 | Networking II: Servers                | Information Technology  | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | High Value     | Level II | \$1,020 |
| N | 5456 | Nutrition Science Careers I           | Hospitality and Tourism | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, maximum of 2 credits | 2 | Moderate Value | Level I  | \$400   |
| N | 5457 | Nutrition Science Careers II          | Hospitality and Tourism | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Moderate Value | Level II | \$600   |
| N | 5782 | Precision Machining I                 | Advanced Manufacturing  | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value     | Level I  | \$680   |

|   |      |                                      |  |                              |   |   |                          |          |         |
|---|------|--------------------------------------|--|------------------------------|---|---|--------------------------|----------|---------|
| N | 5784 | Precision Machining II               | Advanced Manufacturing                     | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | High Value               | Level II | \$1,020 |
| N | 5986 | Radio and Television I               | Arts, AV Tech and Comm                     | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | Less Than Moderate Value | Level I  | \$200   |
| N | 5992 | Radio and Television II              | Arts, AV Tech and Comm                     | Not NLPS Unavailable in 2024 | 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum          | 6 | Less Than Moderate Value | Level II | \$300   |
| N | 5842 | Recreational and Mobile Equipment I  | Transportation                             | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Less Than Moderate Value | Level I  | \$200   |
| N | 5844 | Recreational and Mobile Equipment II | Transportation                             | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Less Than Moderate Value | Level II | \$300   |
| N | 5984 | Sports and Entertainment Marketing   | Business Management, Marketing and Finance | Not NLPS Unavailable in 2024 | Credits: 1 to 2 semester course, 1 credit per semester, 2 credits maximum                     | 2 | Moderate Value           | Level I  | \$400   |

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|---|------|---|--|------------------------------|---|---|----------------|----------|---------|
| N | 5601 | Supply Chain Management and Logistics       | Business Management, Marketing and Finance | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 6 | High Value     | Level I  | \$680   |
| N | 5211 | Veterinary Careers I                        | Agriculture                                | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 6 | High Value     | Level I  | \$680   |
| N | 5212 | Veterinary Careers II                       | Agriculture                                | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | High Value     | Level II | \$1,020 |
| N | 5602 | Warehouse Operations and Materials Handling | Business Management, Marketing and Finance | Not NLPS                     | Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum | 6 | Moderate Value | Level I  | \$400   |
| N | 4574 | Web Design                                  | Information Technology                     | Not NLPS                     | Credits: 1 to 2 semester course, 1 credit per semester, 2 credits maximum<br>Credits:         | 2 | Moderate Value | Level I  | \$400   |
| N | 5776 | Welding Technology I                        | Advanced Manufacturing                     | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum    | 2 | High Value     | Level I  | \$680   |
| N | 5778 | Welding Technology II                       | Advanced Manufacturing                     | Not NLPS Unavailable in 2024 | Credits: 2 semester course, 2 semesters required, 1-3   | 6 | High Value     | Level II | \$1,020 |

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|--|--|--|--|--|---|--|--|--|--|
|  |  |  |  |  | credits per<br>semester, 6<br>credits maximum |  |  |  |  |
|--|--|--|--|--|---|--|--|--|--|