

Caston High School 23-24
Next Level Career Pathways/Programs of Study

AGRICULTURE, FOOD, AND NATURAL RESOURCES	
<u>Ag Mechanical and Engineering</u>	
<i>Perkins V - Current/Original Courses (Cohorts 2023, 2024)</i>	<i>Perkins V - NLPS Course Sequence (Cohorts 2023, 2024 encouraged, 2025)</i>
Concentrator A 5088 Agriculture Power, Structure, and Technology	Principles Level I: 7117 Principles of Ag
Concentrator B 5022 Agribusiness Management	Concentrator A Level I: 5088 Agriculture Power, Structure, and Technology
	Concentrator B Level I: 7112 Agriculture Structures, Fabrication, and Design

AGRICULTURE, FOOD, AND NATURAL RESOURCES	
<u>Agriscience -Plants or Animals</u>	
Perkins V - Current/Original Courses (Cohorts 2023, 2024)	Perkins V - NLPS Course Sequence (Cohorts 2023, 2024 encouraged, 2025)
Concentrator A 5070 ALS: Animals or 5072 ALS: Foods or 5074 ALS: Plants and Soils	Principles Level I: 7117 Principles of Ag
Concentrator B 5002 Agribusiness Management	Concentrator A Level I: 5008 Animal Science or 5170 Plant and Soil Science or 5102 Food Science
	Concentrator B Level I: 5070 ALS: Animals or 5074 ALS: Plant and Soil or 5072 ALS: Foods

AGRICULTURE, FOOD, AND NATURAL RESOURCES	
<u>Horticultural</u>	
Perkins V - Current/Original Courses (Cohorts 2023, 2024)	Perkins V - NLPS Course Sequence (Cohorts 2023, 2024 encouraged, 2025)
Concentrator A 5132 Horticulture Science Structure, and Technology	Principles Level I: 7117 Principles of Ag
Concentrator B 5136 Landscape Management I	Concentrator A Level I: 5132 Horticulture Science NLPS
	Concentrator B Level I: 7114 Greenhouse and Soilless Production

AGRICULTURE, FOOD, AND NATURAL RESOURCES

Landscaping

<i>Perkins V - Current/Original Courses (Cohorts 2023, 2024)</i>	<i>Perkins V - NLPS Course Sequence (Cohorts 2023, 2024 encouraged, 2025)</i>
Concentrator A 5136 Landscape Management I	Principles Level I: 7117 Principles of Ag
Concentrator B 5137 Landscape Management II	Concentrator A Level I: 5132 Horticulture Science NLPS
	Concentrator B Level I: 7115 Landscape and Turf Management

BUSINESS MANAGEMENT AND ADMINISTRATION

Business Administration

<i>Perkins V - Current/Original Courses (Cohorts 2023, 2024)</i>	<i>Perkins V - NLPS Course Sequence (Cohorts 2023, 2024 encouraged, 2025)</i>
Concentrator A 4562 Principles of Business Management or 5914 Principles of Marketing	Principles Level I: 4562 Principles of Business
Concentrator B 5966 Entrepreneurship and New Ventures Capstone	Concentrator A Level I: 7143 Business Administration Fundamentals
	Concentrator B Level I: 4524 Accounting Fundamentals

EDUCATION AND TRAINING

Education Careers

<i>Perkins V - Current/Original Courses (Cohorts 2023, 2024)</i>	<i>Perkins V - NLPS Course Sequence (Cohorts 2023, 2024 encouraged, 2025)</i>
Concentrator A 5408 Education Professions I	Principles Level I: 7161 Principles of Teaching
Concentrator B 5404 Education Professions II	Concentrator A Level I: 7157 Child and Adolescent Development
	Concentrator B Level I: 7162 The Exceptional Child

FINANCE

Accounting

<i>Perkins V - Current/Original Courses (Cohorts 2023, 2024)</i>	<i>Perkins V - NLPS Course Sequence (Cohorts 2023, 2024 encouraged, 2025)</i>
Concentrator A 4562 Principles of Business Management	Principles Level I: 4562 Principles of Business
Concentrator B 4522 Advanced Accounting	Concentrator A Level I: 4524 Accounting Fundamentals
	Concentrator B Level I: 4522 Advanced Accounting

MARKETING	
<u>Entrepreneurship</u>	
<i>Perkins V - Current/Original Courses (Cohorts 2023, 2024)</i>	<i>Perkins V - NLPS Course Sequence (Cohorts 2023, 2024 encouraged, 2025)</i>
Concentrator A 4562 Principles of Business Management or 5914 Marketing Fundamentals	Principles Level I: 7154 Principles of Entrepreneurship
Concentrator B 5966 Entrepreneurship and New Ventures Capstone	Concentrator A Level I: 7148 Entrepreneurial Marketing and ..
	Concentrator B Level I: 7147 Entrepreneurial Financial Management

MARKETING	
<u>Marketing and Sales</u>	
<i>Perkins V - Current/Original Courses (Cohorts 2023, 2024)</i>	<i>Perkins V - NLPS Course Sequence (Cohorts 2023, 2024 encouraged, 2025)</i>
Concentrator A 5914 Marketing Fundamentals	Principles Level I: 4562 Principles of Business
Concentrator B 5918 Strategic Marketing	Concentrator A Level I: 5914 Marketing Fundamentals
	Concentrator B Level I: 5918 Strategic Marketing or 7145 Digital Marketing

HOSPITALITY AND TOURISM	
<u>Culinary Arts</u>	
<i>Perkins V - Current/Original Courses (Cohorts 2023, 2024)</i>	<i>Perkins V - NLPS Course Sequence (Cohorts 2023, 2024 encouraged, 2025)</i>
Concentrator A 5440 Culinary Arts and Hospitality I	Principles Level I: 7173 Principles of Culinary and Hospitality
Concentrator B 5346 Culinary Arts and Hospitality II: Culinary	Concentrator A Level I: 7171 Nutrition
	Concentrator B Level I: 7169 Culinary Arts

HOSPITALITY AND TOURISM	
<u>Hospitality Management</u>	
<i>Perkins V - Current/Original Courses (Cohorts 2023, 2024)</i>	<i>Perkins V - NLPS Course Sequence (Cohorts 2023, 2024 encouraged, 2025)</i>
Concentrator A 5440 Culinary Arts and Hospitality I	Principles Level I: 7173 Principles of Culinary and Hospitality
Concentrator B 5458 Culinary Arts and Hospitality II: Hospitality	Concentrator A Level I: 7171 Nutrition
	Concentrator B 7172 Hospitality Management

STEM	
<u>Engineering</u>	
Perkins V - Current/Original Courses (Cohorts 2023, 2024)	Perkins V - NLPS Course Sequence (Cohorts 2023, 2024 encouraged, 2025)
Concentrator A 5644 Principles of Engineering	Principles Level I: 4802 Introduction to Engineering Design
Concentrator B 4818 Environmental Sustainability or 5650 Civil Engineering and Architecture or 5518 Aerospace Engineering or 5534 Computer Integrated Manufacturing or 5538 Digital Electronics	Concentrator A Level I: 5644 Principles of Engineering
	Concentrator B Level I: 4818 Environmental Sustainability or 5538 Digital Electronics or 5650 Civil Engineering and Architecture or 5518 Aerospace Engineering or 5534 Computer Integrated Manufacturing

STEM			
<u>Computer Science</u>			
Perkins V - Current/Original Courses (Cohorts 2023, 2024)	Teacher Certified	Perkins V - NLPS Course Sequence (Cohorts 2023, 2024 encouraged, 2025)	Teacher Certified
Concentrator A 4801 Computer Science I	Amy Myers	Principles Level I: 7183 Principles of Computing	Amy Myers
Concentrator B 5236 Computer Science II or 5250 Computer Science II: Databases or 5251 Computer Science II: Informatics or 5249 Computer Science II: Software or 5253 Computer Science II: Cybersecurity Capstone	Amy Myers	Concentrator A Level I: Topics in Computer Science	Amy Myers
		Concentrator B Level I: 7352 Computer Science	Amy Myers