

Career Pathway Readiness Opportunities



Medical & Health Careers



School based learning

Career and technical education (CTE) courses as well as integration of career skills, knowledge and advising into district's core courses.

Core Courses	Exploratory Courses	Advanced Courses	Skill Center Courses
Algebra 1 and 2	Anatomy and Physiology	AP Psychology	
Biology	Biotechnology		
Chemistry	Family Health		
	Nutrition 1 and 2		
	Sports Medicine 1, 2 and 3		



Extended learning

Education that continues beyond the school day and that complements school based learning by improving academic performance, and inspiring students to discover their passions.

- Health Occupations Students of America (HOSA)
- Technology Student Association (TSA)
- Skills USA



Work based learning

Often in partnership with industry/community professionals, learning experiences that engage students in acquiring and applying work-related knowledge and skills.

- Medical Careers Internship
- Sports Medicine Internship



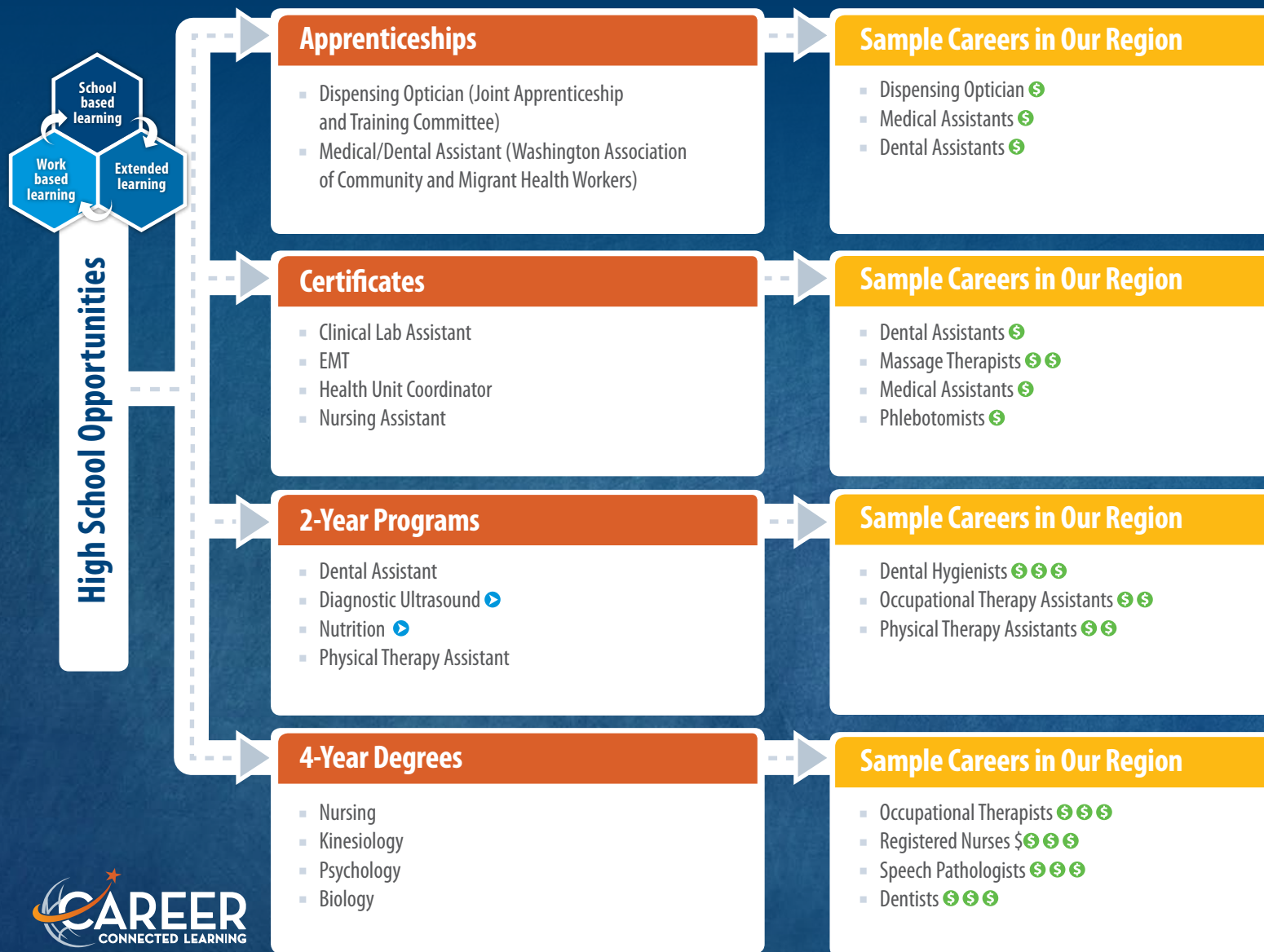
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Document updated: May 2018

Pathways to Medical & Health Careers



Medical and health careers are all about helping others lead health and productive lives. With the aging population and other factors, the number of people in need of care is growing quickly, meaning that the number of jobs in the medical field is forecast to grow.



SKILLS

- Social perception
- Service orientation
- Strong math & science skills
- Good decision-making
- Active listening

TRANSFER

▶ = Transfer degree only

SALARIES

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Career Pathway Readiness Opportunities



Aerospace & Advanced Manufacturing



School based learning

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Core Courses	Exploratory Courses	Advanced Courses	Skill Center Courses
Algebra 1 and 2	CAD and 3D Printing	AP Physics	Electric Engineering Technology
Geometry	Astronomy and Aerospace Engineering	AP Capstone: Research in Science and Engineering	Precision Machining
Physics by Design	Engineering Your World		Welding and Metal Fabrication



Extended learning

Education that continues beyond the school day and that complements school based learning by improving academic performance, and inspiring students to discover their passions.

- Technology Student Association (TSA)
- Robotics
- Skills USA



Work based learning

Often in partnership with industry/community professionals, learning experiences that engage students in acquiring and applying work-related knowledge and skills.

- Engineering Internship
- Advanced Manufacturing Youth Apprenticeship



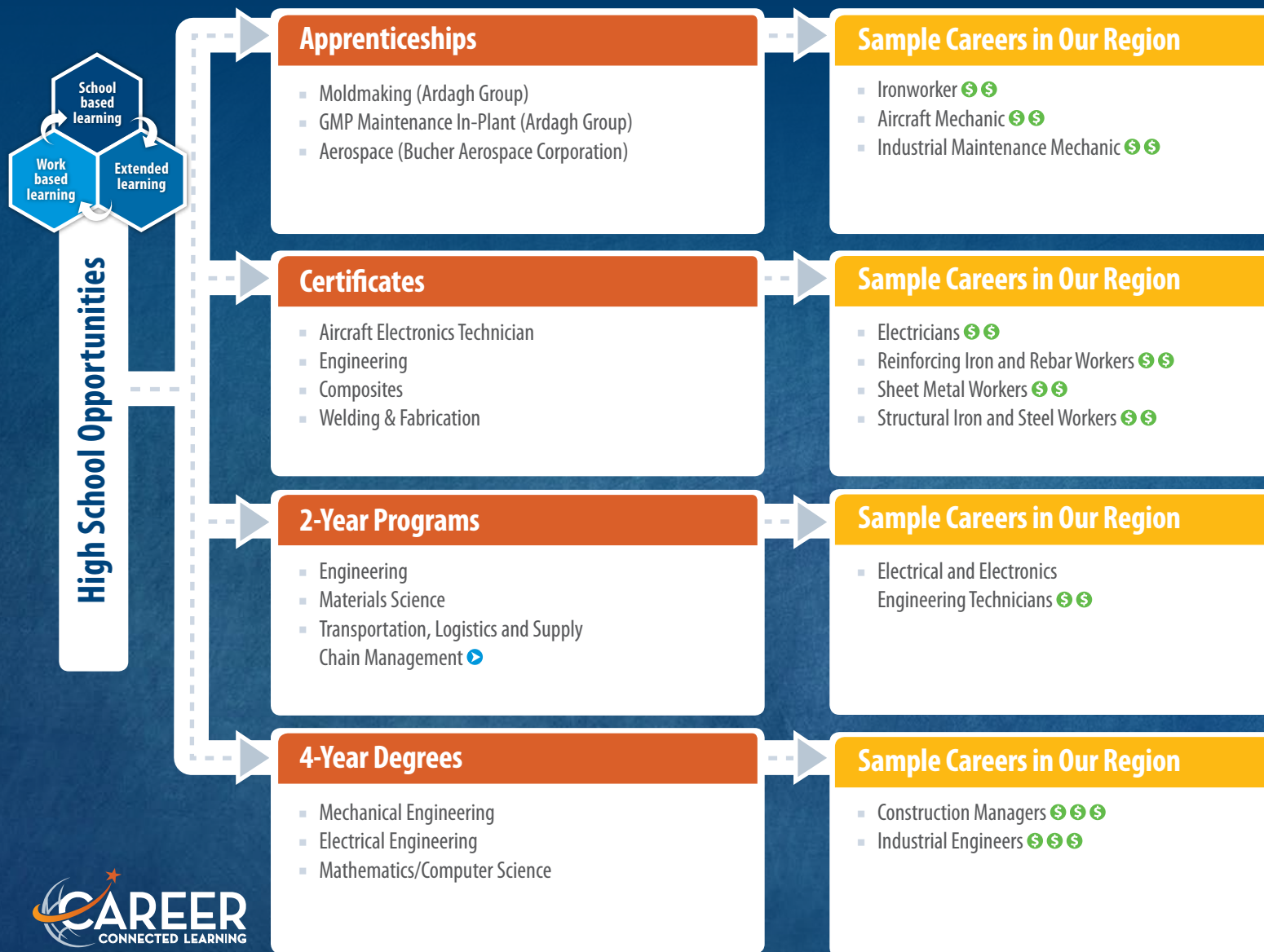
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Pathways to Aerospace & Advanced Manufacturing Careers



People in aerospace and advanced manufacturing work with airplanes, robotics, 3-D printers, and other interesting tools. The number of people needed to fill jobs in this sector is growing rapidly, so there are many opportunities to get started.



SKILLS

- Troubleshooting
- Good writing skills
- Hands-on work
- Identifying problems
- Active listening

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Career Pathway Readiness Opportunities



Information & Communication Technology



School based learning

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Core Courses	Exploratory Courses	Advanced Courses	Skill Center Courses
Intro to Art	Intro to Graphic Design	AP Studio Art (2D and 3D drawing)	Animation
English 1, 2 and 3	Digital Photography 1, 2 and 3	AP Computer Science Principles	Video Game Design
Algebra 1 and 2	Graphic Design 1, 2 and 3	AP Computer Science A	
	Publications 1, 2 and 3		
	Technical Theater 1, 2, and 3		
	Video Production 1, 2, and 3		
	Web Design		
	Exploring Computer Science		



Extended learning

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- Technology Student Association (TSA)
- Skills USA
- Robotics



Work based learning

Often in partnership with industry/community professionals, learning experiences that engage students in acquiring and applying work-related knowledge and skills.

- Information and Communication Technology Internship



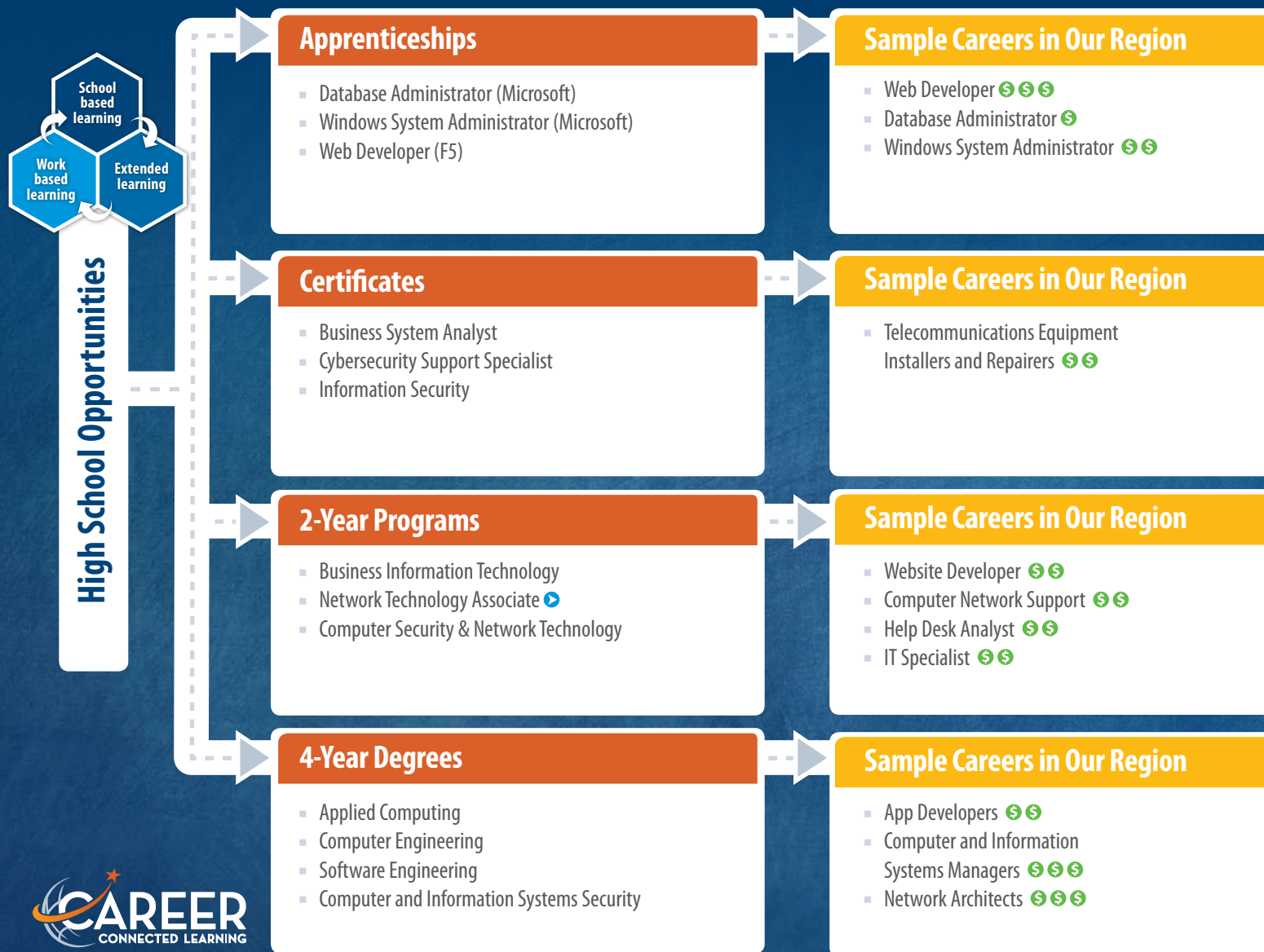
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Pathways to Information & Communication Technology Careers



Information and communication technology jobs focus on digital tools, technology, and working with complex systems. This sector is particularly accessible through certificate programs, and the earning potential for many of the jobs in this sector is quite high.



SKILLS

- Passion for technology
- Good writing skills
- Identifying problems
- Good decision-making
- Active listening

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Career Pathway Readiness Opportunities



Energy & Sustainability



School based learning

Career and technical education (CTE) courses as well as integration of career skills, knowledge and advising into district's core courses.

Core Courses	Exploratory Courses	Advanced Courses	Skill Center Courses
Biology	Environmental Systems Design	AP Environmental Science	Green Sustainable Design (summer)
Environmental Systems Design		AP Biology	
Chemistry		AP Chemistry	
		AP Capstone: Research in Science and Engineering	



Extended learning

Education that continues beyond the school day and that complements school based learning by improving academic performance, and inspiring students to discover their passions.

- Technology Student Association (TSA)
- Future Farmers of America (FFA)



Work based learning

Often in partnership with industry/community professionals, learning experiences that engage students in acquiring and applying work-related knowledge and skills.

- Energy and Sustainability Internship



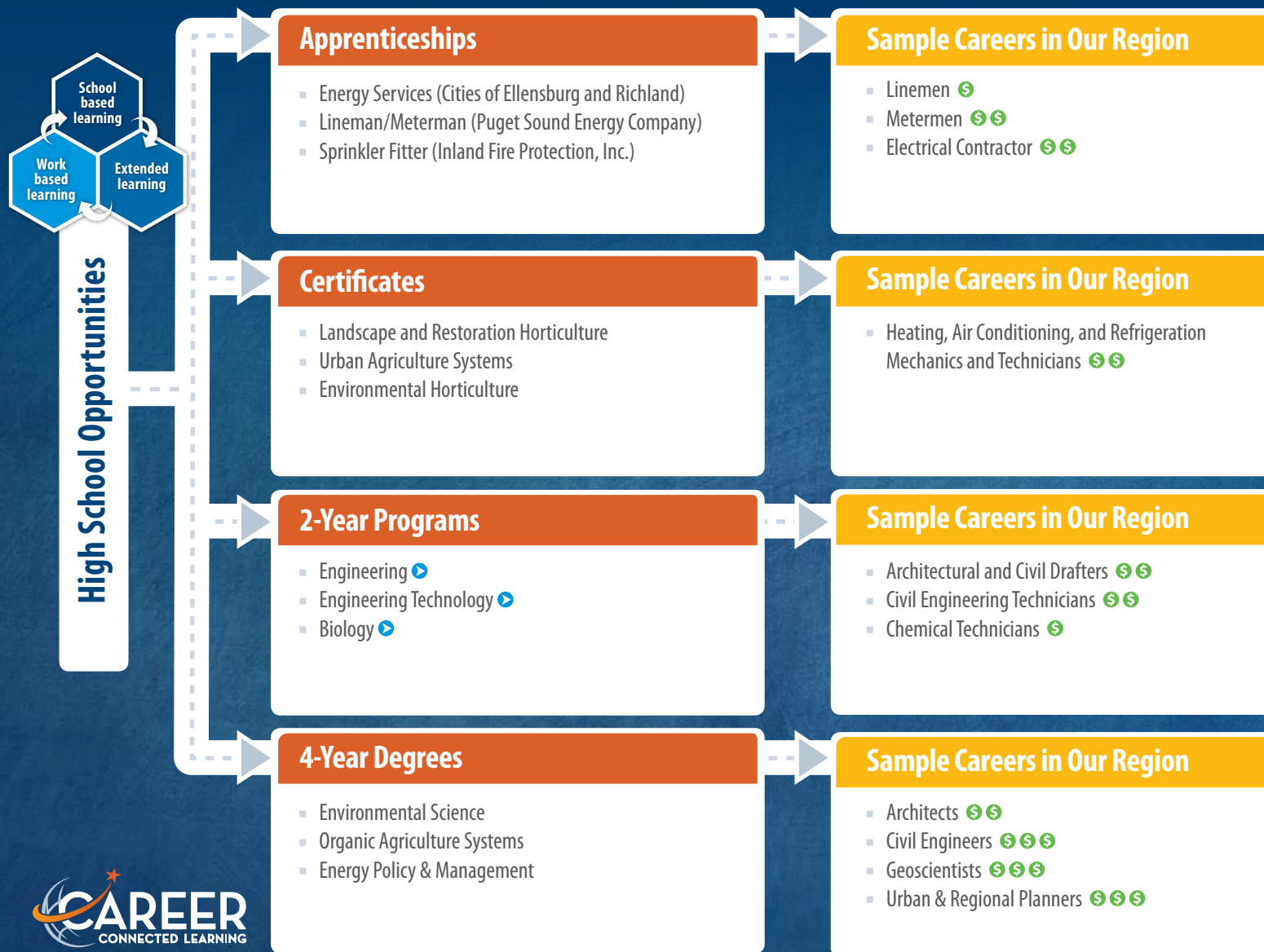
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Pathways to Energy & Sustainability Careers



Energy and sustainability covers a variety of industries, from energy generation to fire prevention and agriculture. People in this field are often scientists in a lab, working hands-on in the field, and always working to facilitate energy production and sustainability.



SKILLS

- Planning skills
- Identifying problems
- Strong math & science skills
- Strong reading skills
- Interest in environmental
- Interest in environmental science

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Career Pathway Readiness Opportunities



Education Careers



School based learning

Career and technical education (CTE) courses as well as integration of career skills, knowledge and advising into district's core courses.

Core Courses	Exploratory Courses	Advanced Courses	Skill Center Courses



Extended learning

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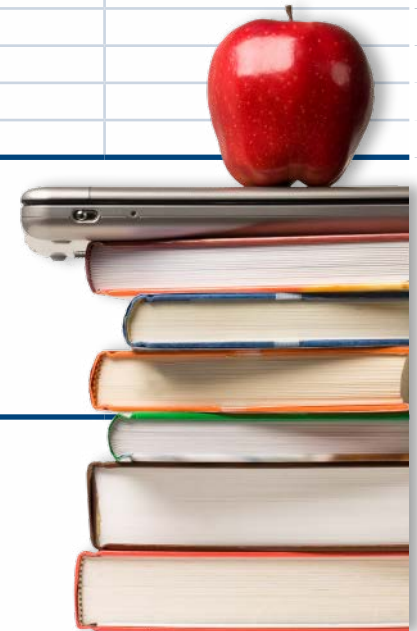
- Educators Rising
- Family, Career and Community Leaders of America (FCCLA)



Work based learning

Often in partnership with industry/community professionals, learning experiences that engage students in acquiring and applying work-related knowledge and skills.

- Educational Studies Internship

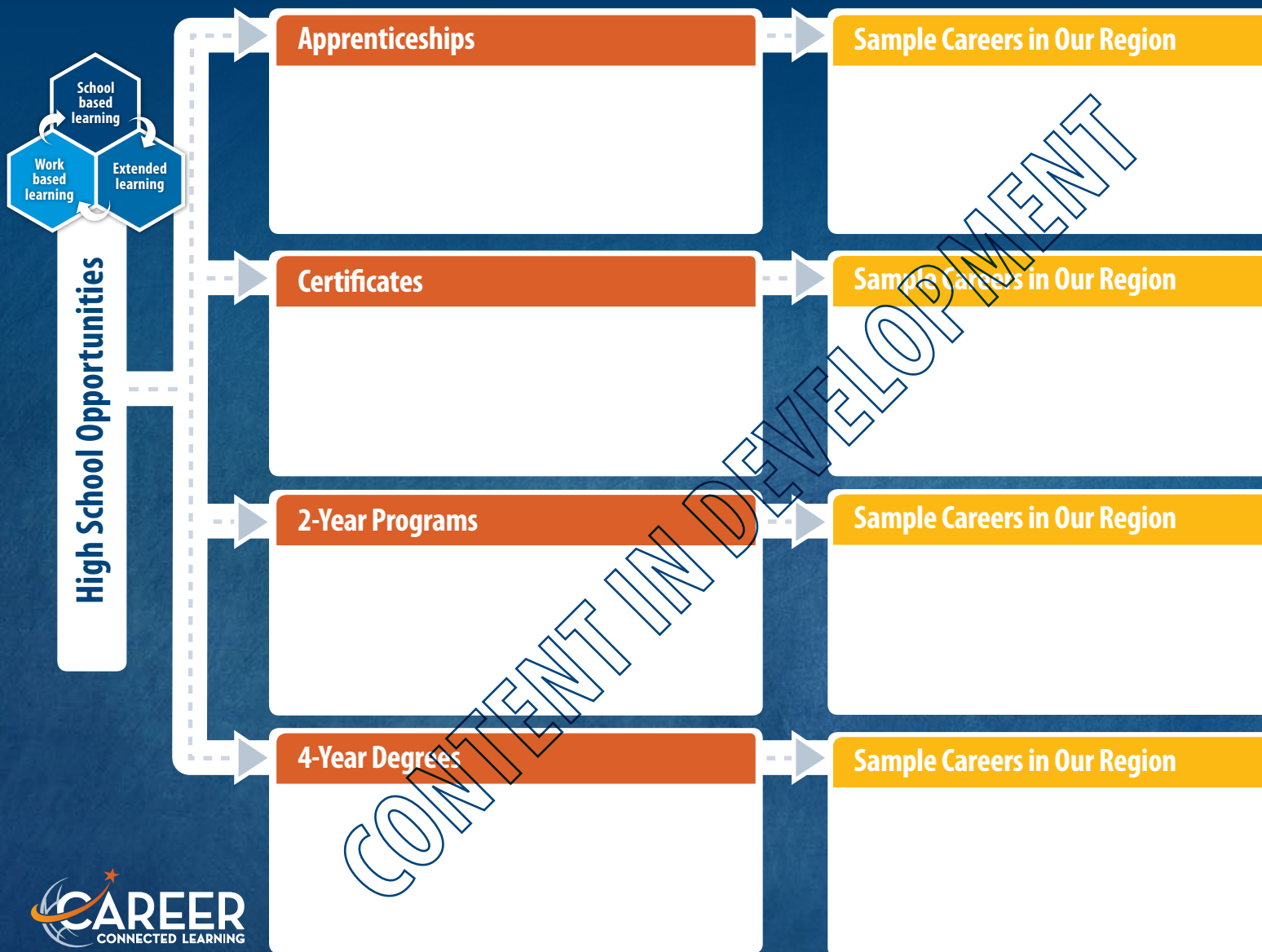


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Pathways to Education Careers

Careers in education can impact students of all ages. The demand for teachers, para educators, councilors and administrators is high, especially for those with certification in areas including special education, science, math, and English language learners.



SKILLS

- Active listening
- Instructing
- Speaking
- Juggling priorities
- Sensitivity to problems
- Monitoring

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Career Pathway Readiness Opportunities



Business & Professional Services



School based learning

Career and technical education (CTE) courses as well as integration of career skills, knowledge and advising into district's core courses.

Core Courses	Exploratory Courses	Advanced Courses	Skill Center Courses
Algebra 1 and 2	Marketing 1, 2, 3 and 4	AP Macroeconomics	Fashion Merchandising
	Business Law	AP Microeconomics	
	Economics		
	Accounting 1 and 2		



Extended learning

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- DECA
- Future Business Leaders of America (FBLA)



Work based learning

Often in partnership with industry/community professionals, learning experiences that engage students in acquiring and applying work-related knowledge and skills.

- Business & Professional Services Internship

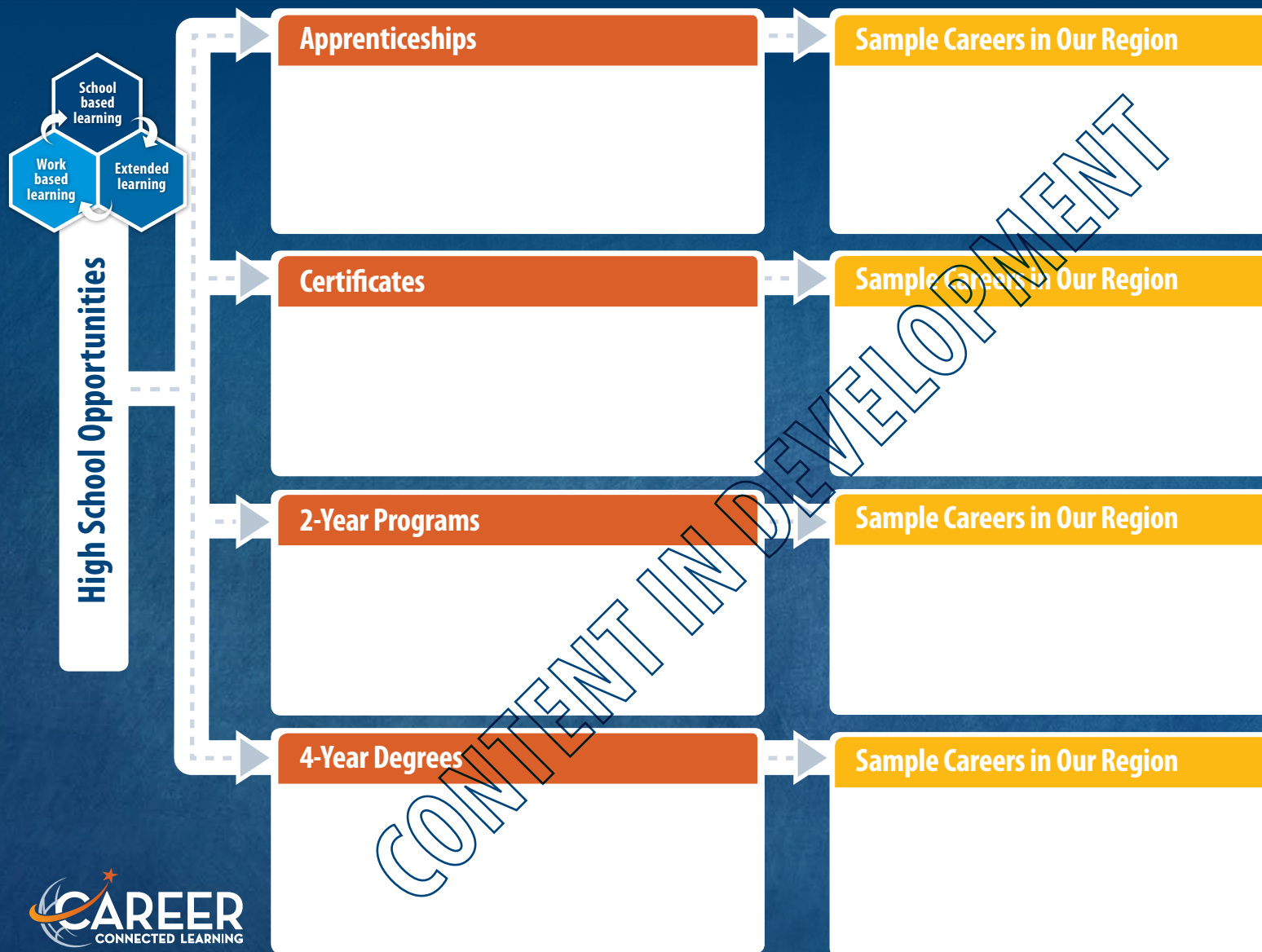


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Pathways to Business & Professional Services

Business careers cover variety of industries including finance, information technology, healthcare, hospitality, and marketing and retail. Depending on an individual's interests and skills careers can be found at all levels, from entry level to management.



SKILLS

- Active listening
- Identifying problems
- Seeing details up close
- Organizing information
- Communicate in writing

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