

CTE - CIP Course Details Catalog

Cluster: Agriculture, Food and Natural Resources

CIP: 01.0000 - Agriculture, General.

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
68003A001	Exploratory Agricultural Science	0.00	2021	
18001A001	Introduction to the Agricultural Industry	1.00	2011	2020
18003A001	Basic Agricultural Science	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18003A001	Basic Agricultural Science	1.00	2021	
18001A001	Introduction to the Agricultural Industry	1.00	2021	
18999A001	Foundational Supervised Agricultural Experience (SAE)	3.00	2022	
18308A003	Basic Biotechnology	3.00	2022	
18504A001	Environmental Science	3.00	2011	2015
18051A003	Agronomy	3.00	2012	2020
18101A002	Animal Science	3.00	2012	2020
18306A001	Aquacultural Science	3.00	2011	2020
18105A001	Veterinary Science	3.00	2011	2020
18051A002	Biological Science Applications in Agriculture - Plants	3.00	2011	2020
18101A001	Basic Biological Science Applications in Agriculture - Animals	3.00	2011	2020
18308A001	Agricultural Biotechnology	3.00	2011	2020
18305A001	Food Science	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18308A002	Agricultural and Biological Engineering (ABE)	3.00	2022	
18308A001	Agricultural Biotechnology	3.00	2021	
18449A003	Physical Science Applications in Agriculture II	3.00	2011	2011
18504A001	Environmental Science	3.00	2016	2020
18998A002	Supervised Agricultural Experiences	3.00	2016	2020
18998A001	Agricultural Cooperative Education	3.00	2011	2020
22153A001	Cooperative Education	3.00	2011	2020
18203A002	Agricultural Communications	3.00	2011	2020
18201A001	Agricultural Business Management	3.00	2011	2020
18449A002	Physical Science Applications in Agriculture	3.00	2011	2020

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Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18205A001	Agriculture Computers and Technology	3.00	2021	
18203A003	Agricultural Leadership	3.00	2021	
18109A001	Integrated Pest Management	3.00	2021	
18997A001	Agricultural Biotechnology Systems Independent Study	3.00	2021	
21014A001	Biotechnical Engineering	3.00	2022	
18310A001	Sustainable Agriculture	3.00	2021	
18055A001	Soil Science	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18997A003	Biotechnology Systems Workplace Experience	3.00	2021	
18998A003	Agriculture, Food & Natural Resources Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021
18998A002	Supervised Agricultural Experiences	3.00	2021	2021

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Cluster: Agriculture, Food and Natural Resources

CIP: 01.0101 - Agricultural Business and Management, General. (Non Traditional - Female)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
68003A001	Exploratory Agricultural Science	0.00	2021	
18001A001	Introduction to the Agricultural Industry	1.00	2011	2020
18003A001	Basic Agricultural Science	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18001A001	Introduction to the Agricultural Industry	1.00	2021	
18003A001	Basic Agricultural Science	1.00	2021	
18999A001	Foundational Supervised Agricultural Experience (SAE)	3.00	2022	
18201A002	Basic Agricultural Business	3.00	2022	
18201A001	Agricultural Business Management	3.00	2011	2020
18202A001	Agricultural Sales and Marketing	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18202A002	Agricultural Entrepreneurship	3.00	2022	
18204A001	Agricultural Economics	3.00	2022	
18204A002	Global Agriculture	3.00	2022	
18203A002	Agricultural Communications	3.00	2022	
18201A001	Agricultural Business Management	3.00	2021	
18202A001	Agricultural Sales and Marketing	3.00	2021	
18449A003	Physical Science Applications in Agriculture II	3.00	2011	2011
18402A001	Advanced Agricultural Mechanics	3.00	2011	2020
18203A002	Agricultural Communications	3.00	2011	2020
18051A002	Biological Science Applications in Agriculture - Plants	3.00	2011	2020
18101A001	Basic Biological Science Applications in Agriculture - Animals	3.00	2011	2020
18449A002	Physical Science Applications in Agriculture	3.00	2011	2020
18998A001	Agricultural Cooperative Education	3.00	2011	2020
22153A001	Cooperative Education	3.00	2011	2020
18998A002	Supervised Agricultural Experiences	3.00	2016	2020

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Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18205A001	Agriculture Computers and Technology	3.00	2021	
18203A003	Agricultural Leadership	3.00	2021	
18247A001	Agribusiness Independent Study	3.00	2021	
12168A001	Agricultural Commodity Marketing	3.00	2021	
18307A001	Agricultural Government	3.00	2022	
18203A002	Agricultural Communications	3.00	2021	2021

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18248A001	Agribusiness Workplace Experience	3.00	2021	
18998A003	Agriculture, Food & Natural Resources Workplace Experience	3.00	2022	
18998A002	Supervised Agricultural Experiences	3.00	2021	2021
22153A001	Cooperative Education	3.00	2021	2021

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Cluster: Agriculture, Food and Natural Resources

CIP: 01.0201 - Agricultural Mechanization, General. (Non Traditional - Female)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
68003A001	Exploratory Agricultural Science	0.00	2021	
18001A001	Introduction to the Agricultural Industry	1.00	2011	2020
18003A001	Basic Agricultural Science	1.00	2011	2020
18401A001	Basic Agricultural Mechanics	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18003A001	Basic Agricultural Science	1.00	2021	
18001A001	Introduction to the Agricultural Industry	1.00	2021	
18401A001	Basic Agricultural Mechanics	1.00	2021	
18449A002	Physical Science Applications in Agriculture	3.00	2021	
18999A001	Foundational Supervised Agricultural Experience (SAE)	3.00	2022	
18401A002	Agricultural Metal Fabrication	3.00	2012	2020
18449A001	Agricultural Machinery Service	3.00	2011	2020
18402A001	Advanced Agricultural Mechanics	3.00	2011	2020
18403A001	Agricultural Construction	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18404A001	Agriculture Welding	3.00	2021	
18405A002	Agricultural Engineering	3.00	2022	
18405A003	Agricultural Engine Maintenance	3.00	2022	
18405A005	Agricultural Electrical Systems	3.00	2022	
18402A001	Advanced Agricultural Mechanics	3.00	2021	
18403A001	Agricultural Construction	3.00	2021	
18401A002	Agricultural Metal Fabrication	3.00	2021	
18449A003	Physical Science Applications in Agriculture II	3.00	2011	2011
18998A002	Supervised Agricultural Experiences	3.00	2016	2020
18203A002	Agricultural Communications	3.00	2011	2020
18201A001	Agricultural Business Management	3.00	2011	2020
18051A002	Biological Science Applications in Agriculture - Plants	3.00	2011	2020
18101A001	Basic Biological Science Applications in Agriculture - Animals	3.00	2011	2020
18449A002	Physical Science Applications in Agriculture	3.00	2011	2020
18998A001	Agricultural Cooperative Education	3.00	2011	2020
22153A001	Cooperative Education	3.00	2011	2020

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Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18205A001	Agriculture Computers and Technology	3.00	2021	
18203A003	Agricultural Leadership	3.00	2021	
21058A001	Geospatial Technology	3.00	2021	
18447A001	Power, Structural and Technical Systems Independent Study	3.00	2021	
21014A001	Biotechnical Engineering	3.00	2021	
18449A003	Physical Science Applications in Agriculture II	3.00	2021	
18404A002	Advanced Agricultural Welding	3.00	2022	
18405A004	Advanced Agricultural Engine Maintenance	3.00	2022	
18449A001	Agricultural Machinery Service	3.00	2021	
18405A001	Precision Agriculture	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18448A001	Power, Structural and Technical Systems Workplace Experience	3.00	2021	
18998A003	Agriculture, Food & Natural Resources Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021
18998A002	Supervised Agricultural Experiences	3.00	2021	2021

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Cluster: Agriculture, Food and Natural Resources

CIP: 01.0401 - Agricultural and Food Products Processing. (Non Traditional - Female)

Status: All Start Year: 2021 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
68003A001	Exploratory Agricultural Science	0.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18003A001	Basic Agricultural Science	1.00	2021	
18001A001	Introduction to the Agricultural Industry	1.00	2021	
18999A001	Foundational Supervised Agricultural Experience (SAE)	3.00	2022	
18302A001	Basic Food Processing	3.00	2022	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18309A002	Community Food Production	3.00	2022	
18304A001	Animal Processing	3.00	2021	
18303A001	Plant Processing	3.00	2021	
18305A001	Food Science	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18205A001	Agriculture Computers and Technology	3.00	2021	
18203A003	Agricultural Leadership	3.00	2021	
18306A001	Aquacultural Science	3.00	2021	
18310A001	Sustainable Agriculture	3.00	2021	
18347A001	Food Products and Processing Systems Independent Study	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18348A001	Food Products and Processing Systems Workplace Experience	3.00	2021	
18998A003	Agriculture, Food & Natural Resources Workplace Experience	3.00	2022	
18998A002	Supervised Agricultural Experiences	3.00	2021	2021
22153A001	Cooperative Education	3.00	2021	2021

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Cluster: Agriculture, Food and Natural Resources

CIP: 01.0601 - Applied Horticulture/Horticulture Operations, General. (Non Traditional - Female)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
68003A001	Exploratory Agricultural Science	0.00	2021	
22151A001	Career Exploration	1.00	2021	
18001A001	Introduction to the Agricultural Industry	1.00	2011	2020
18003A001	Basic Agricultural Science	1.00	2011	2020
18052A001	Basic Horticultural Science	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18001A001	Introduction to the Agricultural Industry	1.00	2021	
18003A001	Basic Agricultural Science	1.00	2021	
18052A001	Basic Horticultural Science	1.00	2021	
18051A002	Biological Science Applications in Agriculture - Plants	3.00	2021	
18999A001	Foundational Supervised Agricultural Experience (SAE)	3.00	2022	
18053A001	Greenhouse Production	3.00	2011	2020
18054A001	Landscaping & Turf Management	3.00	2011	2020
18051A001	Horticultural Production & Management	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18051A003	Agronomy	3.00	2021	
18309A001	Urban Agriculture	3.00	2021	
18054A002	Landscape Management	3.00	2022	
03064A003	Advanced Biological Science Applications in Agriculture (BSAA) - Plants	3.00	2022	
03064A001	Advanced Biological Science Applications in Agriculture	3.00	2022	
18051A001	Horticultural Production & Management	3.00	2021	
18054A001	Landscaping & Turf Management	3.00	2021	
18053A001	Greenhouse Production	3.00	2021	
18449A003	Physical Science Applications in Agriculture II	3.00	2011	2011
18998A002	Supervised Agricultural Experiences	3.00	2016	2020
18203A002	Agricultural Communications	3.00	2011	2020
18201A001	Agricultural Business Management	3.00	2011	2020
18051A002	Biological Science Applications in Agriculture - Plants	3.00	2011	2020
18101A001	Basic Biological Science Applications in Agriculture - Animals	3.00	2011	2020
18449A002	Physical Science Applications in Agriculture	3.00	2011	2020
18998A001	Agricultural Cooperative Education	3.00	2011	2020
22153A001	Cooperative Education	3.00	2011	2020

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Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18205A001	Agriculture Computers and Technology	3.00	2021	
18203A003	Agricultural Leadership	3.00	2021	
18055A001	Soil Science	3.00	2021	
18097A001	Plant Systems Independent Study	3.00	2021	
18310A001	Sustainable Agriculture	3.00	2021	
18311A001	Viticulture	3.00	2021	
18306A001	Aquacultural Science	3.00	2021	
18056A001	Floral Design	3.00	2021	
18054A003	Turfgrass and Sports Field Management	3.00	2022	
18109A001	Integrated Pest Management	3.00	2022	
18056A002	Specialty Crop Production	3.00	2022	
03064A001	Advanced Biological Science Applications in Agriculture	3.00	2021	2021

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18098A001	Plant Systems Workplace Experience	3.00	2021	
18998A003	Agriculture, Food & Natural Resources Workplace Experience	3.00	2022	
18998A002	Supervised Agricultural Experiences	3.00	2021	2021
22153A001	Cooperative Education	3.00	2021	2021

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Cluster: Agriculture, Food and Natural Resources

CIP: 01.0901 - Animal Sciences, General. (Non Traditional - Female)

Status: All **Start Year:** 2021 **End Year:**

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
68003A001	Exploratory Agricultural Science	0.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18999A001	Foundational Supervised Agricultural Experience (SAE)	3.00	2022	
18101A001	Basic Biological Science Applications in Agriculture - Animals	3.00	2021	
18003A001	Basic Agricultural Science	1.00	2021	
18001A001	Introduction to the Agricultural Industry	1.00	2021	
18101A003	Basic Animal Science	3.00	2021	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
03064A001	Advanced Biological Science Applications in Agriculture	3.00	2022	
03064A002	Advanced Biological Science Applications in Agriculture (BSAA) - Animals	3.00	2022	
18101A002	Animal Science	3.00	2021	
18105A001	Veterinary Science	3.00	2021	
18106A001	Service and Support Animal Training	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18107A001	Animal Nutrition	3.00	2021	
18108A001	Animal Genetics	3.00	2021	
18147A001	Animal Systems Independent Study	3.00	2021	
18205A001	Agriculture Computers and Technology	3.00	2021	
18203A003	Agricultural Leadership	3.00	2021	
18102A001	Small Animal Care	3.00	2021	
18103A001	Large Animal Care	3.00	2021	
18104A001	Equine Science	3.00	2021	
18306A001	Aquacultural Science	3.00	2021	
03064A001	Advanced Biological Science Applications in Agriculture	3.00	2021	2021

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Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18148A001	Animal Systems Workplace Experience	3.00	2021	
18998A003	Agriculture, Food & Natural Resources Workplace Experience	3.00	2022	
18998A002	Supervised Agricultural Experiences	3.00	2021	2021
18998A002	Supervised Agricultural Experiences	3.00	2021	2021
22153A001	Cooperative Education	3.00	2021	2021

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Cluster: Agriculture, Food and Natural Resources

CIP: 03.0101 - Natural Resources/Conservation, General.

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
68003A001	Exploratory Agricultural Science	0.00	2021	
18001A001	Introduction to the Agricultural Industry	1.00	2011	2020
18003A001	Basic Agricultural Science	1.00	2011	2020
18052A001	Basic Horticultural Science	1.00	2013	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18003A001	Basic Agricultural Science	1.00	2021	
18001A001	Introduction to the Agricultural Industry	1.00	2021	
18504A003	Basic Natural Resource Management	3.00	2021	
18999A001	Foundational Supervised Agricultural Experience (SAE)	3.00	2022	
18504A002	Natural Resources Conservation and Management	3.00	2011	2020
18504A001	Environmental Science	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18505A001	Hunter Education	3.00	2021	
18504A002	Natural Resources Conservation and Management	3.00	2021	
18501A001	Wildlife Management	3.00	2021	
18505A002	Urban Forestry	3.00	2021	
18502A001	Forestry	3.00	2021	
18449A003	Physical Science Applications in Agriculture II	3.00	2011	2011
18998A002	Supervised Agricultural Experiences	3.00	2016	2020
18203A002	Agricultural Communications	3.00	2011	2020
18201A001	Agricultural Business Management	3.00	2011	2020
18051A002	Biological Science Applications in Agriculture - Plants	3.00	2011	2020
18101A001	Basic Biological Science Applications in Agriculture - Animals	3.00	2011	2020
18449A002	Physical Science Applications in Agriculture	3.00	2011	2020
18998A001	Agricultural Cooperative Education	3.00	2011	2020
22153A001	Cooperative Education	3.00	2011	2020

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Cluster: Agriculture, Food and Natural Resources

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18547A001	Natural Resource Systems Independent Study	3.00	2021	
18205A001	Agriculture Computers and Technology	3.00	2021	
18203A003	Agricultural Leadership	3.00	2021	
18506A001	Alternative Energy	3.00	2021	
21058A001	Geospatial Technology	3.00	2021	
21054A004	Technology, Society and Sustainability	3.00	2021	
18055A001	Soil Science	3.00	2021	
18306A001	Aquacultural Science	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18548A001	Natural Resources Systems Workplace Experience	3.00	2021	
18998A003	Agriculture, Food & Natural Resources Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021
18998A002	Supervised Agricultural Experiences	3.00	2021	2021

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Cluster: Agriculture, Food and Natural Resources

CIP: 15.0507 - Environmental/ Environmental Engineering Technology/Technician. (Non Traditional - Female)

Status: All Start Year: 2021 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
68003A001	Exploratory Agricultural Science	0.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18003A001	Basic Agricultural Science	1.00	2021	
18001A001	Introduction to the Agricultural Industry	1.00	2021	
18449A002	Physical Science Applications in Agriculture	3.00	2021	
18999A001	Foundational Supervised Agricultural Experience (SAE)	3.00	2022	
18504A004	Basic Environmental Science	3.00	2022	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18504A001	Environmental Science	3.00	2021	
18406A001	Water Treatment	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18449A003	Physical Science Applications in Agriculture II	3.00	2021	
18405A001	Precision Agriculture	3.00	2021	
18205A001	Agriculture Computers and Technology	3.00	2021	
18203A003	Agricultural Leadership	3.00	2021	
18506A001	Alternative Energy	3.00	2021	
21014A001	Biotechnical Engineering	3.00	2021	
18055A001	Soil Science	3.00	2021	
18310A001	Sustainable Agriculture	3.00	2021	
21054A004	Technology, Society and Sustainability	3.00	2021	
21058A001	Geospatial Technology	3.00	2021	
18997A002	Environmental Service Systems Independent Study	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18997A004	Environmental Services Systems Workplace Experience	3.00	2021	
18998A003	Agriculture, Food & Natural Resources Workplace Experience	3.00	2022	
18998A002	Supervised Agricultural Experiences	3.00	2021	2021
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Human Services

CIP: 12.0401 - Cosmetology/Cosmetologist, General. (Non Traditional - Male)

Status: All **Start Year:** 2011 **End Year:**

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
19001A001	Human Services Career Exploration	3.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19101A001	Cosmetology I	4.00	2011	
19101A002	Cosmetology II	4.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19101A002	Cosmetology II	4.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19148A001	Cosmetology Workplace Experience	3.00	2021	
19998A003	Human Services Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Human Services

CIP: 12.0402 - Barbering/Barber. (Non Traditional - Female)

Status: All **Start Year:** 2011 **End Year:**

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
19001A001	Human Services Career Exploration	3.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19102A001	Barbering I	3.00	2011	
19102A002	Barbering II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19102A002	Barbering II	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19148A002	Barbering Workplace Experience	3.00	2021	
19998A003	Human Services Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Human Services

CIP: 12.0410 - Nail Technician/Specialist and Manicurist. (Non Traditional - Male)

Status: All **Start Year:** 2011 **End Year:**

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
19001A001	Human Services Career Exploration	3.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19105A001	Nail Technology I	3.00	2011	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19105A002	Nail Technology II	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19148A003	Nail Technician Workplace Experience	3.00	2021	
19998A003	Human Services Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Human Services

CIP: 19.0202 - Family and Consumer Sciences/Human Sciences Communication.

Status: All Start Year: 2013 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22201A001	Introduction to Family and Consumer Sciences Careers	1.00	2013	2020
19053A001	Human Development and Family Wellness	1.00	2013	2020
22207A001	Family and Career Relationships	1.00	2013	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19251A001	Introduction to Family and Consumer Sciences Careers	3.00	2021	
22207A001	Family and Career Relationships	1.00	2021	
19053A001	Human Development and Family Wellness	1.00	2021	
19201A001	Textiles and Design I	1.00	2021	
19052A001	Child Development and Parenting	3.00	2021	
22210A001	Family Resource Management and Planning	1.00	2021	
16054A001	Nutrition and Culinary Arts I	3.00	2021	
22249A001	Family and Consumer Sciences Communications	3.00	2013	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19299A001	Family and Consumer Sciences Communications	3.00	2021	
22210A001	Family Resource Management and Planning	1.00	2013	2020
19201A001	Textiles and Design I	1.00	2013	2020
16054A001	Nutrition and Culinary Arts I	3.00	2013	2020
22203A001	Food Science	1.00	2013	2020
19052A001	Child Development and Parenting	3.00	2013	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19254A001	Food Science	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22153A001	Cooperative Education	3.00	2021	
22153A002	FCS Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Human Services

CIP: 19.0501 - Foods, Nutrition, and Wellness Studies, General. (Non Traditional - Male)

Status: All **Start Year:** 2011 **End Year:**

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19001A001	Human Services Career Exploration	3.00	2021	
22151A001	Career Exploration	1.00	2021	
16054A001	Nutrition and Culinary Arts I	3.00	2011	2020
16054A002	Nutrition and Culinary Arts II	3.00	2011	2020
22203A001	Food Science	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19251A001	Introduction to Family and Consumer Sciences Careers	3.00	2021	
19259A001	Work and Family Relationships	3.00	2021	
16054A001	Nutrition and Culinary Arts I	3.00	2021	
16054A003	Nutrition and Wellness Occupations	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19253A001	Nutrition and Wellness	3.00	2021	
22153A002	FCS Cooperative Education	3.00	2011	2020
22201A001	Introduction to Family and Consumer Sciences Careers	1.00	2011	2020
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19252A001	Food Preparation and Health Management	3.00	2021	
19254A001	Food Science	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19998A002	Nutrition and Wellness Workplace Experience	3.00	2021	
19998A003	Human Services Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021
22153A002	FCS Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Human Services

CIP: 19.0702 - Adult Development and Aging. (Non Traditional - Male)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
19001A001	Human Services Career Exploration	3.00	2021	
19053A001	Human Development and Family Wellness	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19251A001	Introduction to Family and Consumer Sciences Careers	3.00	2021	
19259A001	Work and Family Relationships	3.00	2021	
19261A001	Human Growth and Development	3.00	2021	
19052A001	Child Development and Parenting	3.00	2021	
19054A001	Care and Learning Services Occupations	3.00	2011	2020
19055A001	Care and Learning Services Management	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19053A002	Elder Care	1.00	2021	
22153A002	FCS Cooperative Education	3.00	2011	2020
22153A001	Cooperative Education	3.00	2011	2020
19052A001	Child Development and Parenting	3.00	2011	2020
22201A001	Introduction to Family and Consumer Sciences Careers	1.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15202A001	Community Protection	3.00	2021	
14059A001	Geriatric Aide	3.00	2021	
14053A001	Home Health Aide	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19098A001	Elder Care Workplace Experience	3.00	2021	
19998A003	Human Services Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021
22153A002	FCS Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Human Services

CIP: 19.0708 - Child Care and Support Services Management. (Non Traditional - Male)

Status: All Start Year: 2011 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19052A001	Child Development and Parenting	3.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19053A001	Human Development and Family Wellness	1.00	2021	
19259A001	Work and Family Relationships	3.00	2021	
19052A001	Child Development and Parenting	3.00	2021	
19054A001	Care and Learning Services Occupations	3.00	2021	
19261A001	Human Growth and Development	3.00	2021	
19251A001	Introduction to Family and Consumer Sciences Careers	3.00	2021	
19055A001	Care and Learning Services Management	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19055A001	Care and Learning Services Management	3.00	2021	
22201A001	Introduction to Family and Consumer Sciences Careers	1.00	2011	2020
22153A002	FCS Cooperative Education	3.00	2011	2020
22153A001	Cooperative Education	3.00	2011	2020
19053A001	Human Development and Family Wellness	1.00	2011	2020
19054A001	Care and Learning Services Occupations	3.00	2011	2020

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19098A002	Child Care Workplace Experience	3.00	2021	
22153A001	Cooperative Education	3.00	2021	
22153A002	FCS Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Human Services

CIP: 19.0709 - Child Care Provider/Assistant. (Non Traditional - Male)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19001A001	Human Services Career Exploration	3.00	2021	
22151A001	Career Exploration	1.00	2021	
19052A001	Child Development and Parenting	3.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19251A001	Introduction to Family and Consumer Sciences Careers	3.00	2021	
19259A001	Work and Family Relationships	3.00	2021	
19261A001	Human Growth and Development	3.00	2021	
19052A001	Child Development and Parenting	3.00	2021	
19054A001	Care and Learning Services Occupations	3.00	2011	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19055A001	Care and Learning Services Management	3.00	2021	
19051A001	Child Care	3.00	2021	
19055A001	Care and Learning Services Management	3.00	2011	2020
22153A002	FCS Cooperative Education	3.00	2011	2020
22153A001	Cooperative Education	3.00	2011	2020
19053A001	Human Development and Family Wellness	1.00	2011	2020
22201A001	Introduction to Family and Consumer Sciences Careers	1.00	2011	2020

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19098A002	Child Care Workplace Experience	3.00	2021	
19998A003	Human Services Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021
22153A002	FCS Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Human Services

CIP: 19.1001 - Work and Family Studies.

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19001A001	Human Services Career Exploration	3.00	2021	
22151A001	Career Exploration	1.00	2021	
22207A001	Family and Career Relationships	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19251A001	Introduction to Family and Consumer Sciences Careers	3.00	2021	
19259A001	Work and Family Relationships	3.00	2021	
19261A001	Human Growth and Development	3.00	2021	
19052A001	Child Development and Parenting	3.00	2021	
22207A001	Family and Career Relationships	1.00	2021	
16054A001	Nutrition and Culinary Arts I	3.00	2022	
19201A001	Textiles and Design I	1.00	2022	
22204A001	Parenting	1.00	2021	2021

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19251A002	Family and Consumer Sciences	3.00	2021	
22210A001	Family Resource Management and Planning	1.00	2011	2020
16054A001	Nutrition and Culinary Arts I	3.00	2011	2020
19052A001	Child Development and Parenting	3.00	2011	2020
19053A001	Human Development and Family Wellness	1.00	2011	2020
19201A001	Textiles and Design I	1.00	2011	2020
22201A001	Introduction to Family and Consumer Sciences Careers	1.00	2011	2020
22204A001	Parenting	1.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19262A001	Consumer Economics/Personal Finance	3.00	2021	
19299A001	Family and Consumer Sciences Communications	3.00	2021	
15202A001	Community Protection	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Human Services

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19298A001	Work and Family Studies Workplace Experience	3.00	2021	
19998A003	Human Services Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021
22153A002	FCS Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Human Services

CIP: 44.0701 - Social Work. (Non Traditional - Male)

Status: All Start Year: 2021 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19001A001	Human Services Career Exploration	3.00	2021	
22151A001	Career Exploration	1.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19261A001	Human Growth and Development	3.00	2021	
19259A001	Work and Family Relationships	3.00	2021	
19052A001	Child Development and Parenting	3.00	2021	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19301A001	Counseling and Mental Health	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15202A001	Community Protection	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19998A001	Social Work Workplace Experience	3.00	2021	
19998A003	Human Services Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Information Technology

CIP: 11.0201 - Computer Programming/ Programmer, General. (Non Traditional - Female)

Status: All Start Year: 2021 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12005A001	Keyboarding and Formatting	0.50	2021	
22151A001	Career Exploration	1.00	2021	
10001A001	Introduction to Computer Technology	1.00	2021	
10008A001	Digital Literacy	1.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10004A001	Computer Concepts and Software Applications	1.00	2021	
10003A001	Computer and Information Technology	3.00	2021	
10012A001	Introduction to Computer Science	3.00	2021	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10152A001	Computer Operations and Programming I	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10160A001	Artificial Intelligence	3.00	2021	
10152A002	Computer Operations and Programming II	3.00	2021	
10154A001	C++ Programming	3.00	2021	
10155A001	Java Programming	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10198A001	Computer Programming Workplace Experience	3.00	2021	
10998A002	Information Technology Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Information Technology

CIP: 11.0202 - Computer Programming, Specific Applications. (Non Traditional - Female)

Status: All **Start Year:** 2011 **End Year:** 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12001A001	Business and Technology Concepts	1.00	2011	
12005A001	Keyboarding and Formatting	0.50	2011	
10008A001	Digital Literacy	1.00	2017	
10004A001	Computer Concepts and Software Applications	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10004A001	Computer Concepts and Software Applications	1.00	2021	
10152A001	Computer Operations and Programming I	3.00	2011	2020
10152A002	Computer Operations and Programming II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10152A001	Computer Operations and Programming I	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10152A002	Computer Operations and Programming II	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10198A001	Computer Programming Workplace Experience	3.00	2021	
22153A001	Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Information Technology

CIP: 11.0701 - Computer Science. (Non Traditional - Female)

Status: All **Start Year:** 2021 **End Year:**

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10001A001	Introduction to Computer Technology	1.00	2021	
10008A001	Digital Literacy	1.00	2021	
12005A001	Keyboarding and Formatting	0.50	2021	
22151A001	Career Exploration	1.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10004A001	Computer Concepts and Software Applications	1.00	2021	
10003A001	Computer and Information Technology	3.00	2021	
10012A001	Introduction to Computer Science	3.00	2021	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10011A001	Computer Science Principles	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10053A001	Database Applications	3.00	2021	
10051A001	Information Management	3.00	2021	
10052A001	Database Management and Data Warehousing	3.00	2021	
10301A001	Computer Forensics	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10998A001	Computer Science Workplace Experience	3.00	2021	
10998A002	Information Technology Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Information Technology

CIP: 11.0801 - Web Page, Digital/Multimedia and Information Resources Design.

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10008A001	Digital Literacy	1.00	2017	
12005A001	Keyboarding and Formatting	0.50	2011	
22151A001	Career Exploration	1.00	2021	
10001A001	Introduction to Computer Technology	1.00	2021	
10004A001	Computer Concepts and Software Applications	1.00	2011	2020
12001A001	Business and Technology Concepts	1.00	2011	2021

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10004A001	Computer Concepts and Software Applications	1.00	2021	
10003A001	Computer and Information Technology	3.00	2021	
10012A001	Introduction to Computer Science	3.00	2021	
10201A001	Web Page and Interactive Media Development I	3.00	2011	2020
10201A002	Web Page and Interactive Media Development II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10201A001	Web Page and Interactive Media Development I	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10201A002	Web Page and Interactive Media Development II	3.00	2021	
10203A001	Interactive Media	3.00	2021	
10006A001	Telecommunications	3.00	2021	
10204A002	Mobile Applications	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10248A001	Web Page and Media Design Workplace Experience	3.00	2021	
10998A002	Information Technology Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Information Technology

CIP: 11.0901 - Computer Systems Networking and Telecommunications. (Non Traditional - Female)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10008A001	Digital Literacy	1.00	2017	
12005A001	Keyboarding and Formatting	0.50	2011	
10001A001	Introduction to Computer Technology	1.00	2021	
22151A001	Career Exploration	1.00	2021	
10004A001	Computer Concepts and Software Applications	1.00	2011	2020
12001A001	Business and Technology Concepts	1.00	2011	2021

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10003A001	Computer and Information Technology	3.00	2021	
10004A001	Computer Concepts and Software Applications	1.00	2021	
10012A001	Introduction to Computer Science	3.00	2021	
10102A001	Computer Networking I	3.00	2011	2020
10102A002	Computer Networking II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10102A001	Computer Networking I	3.00	2021	
10020A001	Cybersecurity	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10102A002	Computer Networking II	3.00	2021	
10301A001	Computer Forensics	3.00	2021	
10109A001	Essentials of Network Operating Systems	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10148A001	Networking Systems Workplace Experience	3.00	2021	
10998A002	Information Technology Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Law, Public Safety, Corrections and Security

CIP: 22.0001 - Pre-Law Studies.

Status: All Start Year: 2013 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15001A001	Exploration of Public Service Careers	3.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15051A007	Criminal Justice	3.00	2021	
15202A001	Community Protection	3.00	2021	
15101A001	Public Safety	3.00	2021	
04162A001	Law Studies	3.00	2016	2020
04165A001	Legal System	3.00	2013	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
04162A001	Law Studies	3.00	2021	
04165A001	Legal System	3.00	2021	
15053A001	Criminology	3.00	2020	2020
12054A001	Business Law	3.00	2016	2020
22153A001	Cooperative Education	3.00	2013	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12054A001	Business Law	3.00	2021	
15053A001	Criminology	3.00	2021	
04163A001	Consumer Law	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22153A001	Cooperative Education	3.00	2021	
04198A001	Legal Assistant/Paralegal Workplace Experience	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Law, Public Safety, Corrections and Security

CIP: 22.0302 - Legal Assistant/Paralegal. (Non Traditional - Male)

Status: All **Start Year:** 2021 **End Year:**

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
15001A001	Exploration of Public Service Careers	3.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15101A001	Public Safety	3.00	2021	
15202A001	Community Protection	3.00	2021	
15051A007	Criminal Justice	3.00	2021	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
04165A001	Legal System	3.00	2021	
04162A001	Law Studies	3.00	2021	
04166A001	Paralegal Studies	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15053A001	Criminology	3.00	2021	
04163A001	Consumer Law	3.00	2021	
04166A002	Court Reporting & Stenography	1.00	2021	
15057A001	Criminal Law and Procedures	3.00	2021	
15058A001	Ethics in Criminal Justice	3.00	2021	
15052A001	Corrections	3.00	2021	
12054A001	Business Law	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
04198A001	Legal Assistant/Paralegal Workplace Experience	3.00	2021	
15998A001	Law, Public Safety, Corrections & Security Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Law, Public Safety, Corrections and Security

CIP: 43.0107 - Criminal Justice/Police Science. (Non Traditional - Female)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
15001A001	Exploration of Public Service Careers	3.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15101A001	Public Safety	3.00	2021	
15202A001	Community Protection	3.00	2021	
15051A007	Criminal Justice	3.00	2021	
08055A001	First Aid and Safety	1.00	2021	
15052A001	Corrections	3.00	2015	2020
15051A003	Law Enforcement I	3.00	2011	2020
15051A004	Law Enforcement II	3.00	2011	2020
15051A005	Security I	3.00	2011	2020
15051A006	Security II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15054A001	Law Enforcement I	3.00	2021	
15053A001	Criminology	3.00	2020	2020
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15053A001	Criminology	3.00	2021	
15054A002	Law Enforcement II	3.00	2021	
15052A001	Corrections	3.00	2021	
15055A001	Forensic Science	3.00	2021	
15056A001	Crime Scene Management	3.00	2021	
15058A001	Ethics in Criminal Justice	3.00	2021	
15104A001	Public Safety Telecommunications	3.00	2021	
15057A001	Criminal Law and Procedures	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Law, Public Safety, Corrections and Security

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15098A001	Law Enforcement Workplace Experience	3.00	2021	
15998A001	Law, Public Safety, Corrections & Security Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Law, Public Safety, Corrections and Security

CIP: 43.0109 - Security and Loss Prevention Services. (Non Traditional - Female)

Status: All Start Year: 2021 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
15001A001	Exploration of Public Service Careers	3.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15101A001	Public Safety	3.00	2021	
15202A001	Community Protection	3.00	2021	
15051A007	Criminal Justice	3.00	2021	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15102A001	Security Services	3.00	2021	
15053A001	Criminology	3.00	2020	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15053A001	Criminology	3.00	2021	
15052A001	Corrections	3.00	2021	
15055A001	Forensic Science	3.00	2021	
15056A001	Crime Scene Management	3.00	2021	
15058A001	Ethics in Criminal Justice	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15148A001	Security and Protection Workplace Experience	3.00	2021	
15998A001	Law, Public Safety, Corrections & Security Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Law, Public Safety, Corrections and Security

CIP: 43.0203 - Fire Science/Fire-fighting. (Non Traditional - Female)

Status: All **Start Year:** 2011 **End Year:**

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
15001A001	Exploration of Public Service Careers	3.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15101A001	Public Safety	3.00	2021	
15202A001	Community Protection	3.00	2021	
08055A001	First Aid and Safety	1.00	2022	
15152A001	Fire-Fighting I	4.00	2011	2020
15152A002	Fire-Fighting II	4.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15152A001	Fire-Fighting I	4.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15152A002	Fire-Fighting II	4.00	2021	
15151A001	Fire Science	3.00	2021	
15055A001	Forensic Science	3.00	2021	
15056A001	Crime Scene Management	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15198A001	Fire Management Workplace Experience	3.00	2021	
15998A001	Law, Public Safety, Corrections & Security Workplace Experience	3.00	2022	

CTE - CIP Course Details Catalog

Cluster: Manufacturing

CIP: 19.0901 - Apparel and Textile, General.

Status: All Start Year: 2021 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
19001A001	Human Services Career Exploration	3.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19251A001	Introduction to Family and Consumer Sciences Careers	3.00	2021	
19204A001	Fashion, Apparel, and Textile Services Occupations	3.00	2021	
19259A001	Work and Family Relationships	3.00	2021	
19201A001	Textiles and Design I	1.00	2021	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19203A001	Textiles and Design II	1.00	2021	
19204A002	Textile and Design Occupations	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19202A001	Clothing/Textile Maintenance	3.00	2021	
12153A001	Fashion Merchandising	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13998A002	Manufacturing Workplace Experience	3.00	2022	
19248A001	Apparel and Textiles Workplace Experience	3.00	2021	
22153A001	Cooperative Education	3.00	2021	2021
22153A002	FCS Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Manufacturing

CIP: 19.0902 - Apparel and Textile Manufacture.

Status: All Start Year: 2011 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19201A001	Textiles and Design I	1.00	2011	2020
19203A001	Textiles and Design II	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19201A001	Textiles and Design I	1.00	2021	
19251A001	Introduction to Family and Consumer Sciences Careers	3.00	2021	
19204A002	Textile and Design Occupations	3.00	2011	2020
19204A001	Fashion, Apparel, and Textile Services Occupations	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19203A001	Textiles and Design II	1.00	2021	
19204A001	Fashion, Apparel, and Textile Services Occupations	3.00	2021	
19204A002	Textile and Design Occupations	3.00	2021	
12153A001	Fashion Merchandising	3.00	2011	2020
22201A001	Introduction to Family and Consumer Sciences Careers	1.00	2011	2020
22153A002	FCS Cooperative Education	3.00	2011	2020
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12153A001	Fashion Merchandising	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22153A001	Cooperative Education	3.00	2021	
22153A002	FCS Cooperative Education	3.00	2021	
19248A001	Apparel and Textiles Workplace Experience	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Manufacturing

CIP: 47.0104 - Computer Installation and Repair Technology/Technician. (Non Traditional - Female)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10001A001	Introduction to Computer Technology	1.00	2022	
10008A001	Digital Literacy	1.00	2022	
12005A001	Keyboarding and Formatting	0.50	2022	
11002A001	Communication Technology	1.00	2011	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
22151A001	Career Exploration	1.00	2021	
21052A001	Foundations of Technology	1.00	2014	2020
13001A001	Exploration of Manufacturing Occupations	3.00	2021	2021
20001A001	Transportation Technology	1.00	2018	2021
13052A001	Production Technology	1.00	2011	2021
20101A001	Energy Utilization Technology	1.00	2011	2021

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
13004A001	Industrial Safety	1.00	2021	
10003A001	Computer and Information Technology	3.00	2021	
10012A001	Introduction to Computer Science	3.00	2021	
10252A001	Computer Maintenance I	3.00	2011	2020
10252A002	Computer Maintenance II	3.00	2011	2020
21108A001	Blueprint Reading	3.00	2021	2021

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10252A001	Computer Maintenance I	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10252A002	Computer Maintenance II	3.00	2021	
21008A001	Digital Electronics	3.00	2021	

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Cluster: Manufacturing

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13348A001	Computer Installation and Repair Workplace Experience	3.00	2021	
13998A002	Manufacturing Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Manufacturing

CIP: 47.0105 - Industrial Electronics Technology/Technician. (Non Traditional - Female)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20101A001	Energy Utilization Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
13052A001	Production Technology	1.00	2011	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
20001A001	Transportation Technology	1.00	2018	
13001A001	Exploration of Manufacturing Occupations	3.00	2021	
22151A001	Career Exploration	1.00	2021	
21052A001	Foundations of Technology	1.00	2014	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
13004A001	Industrial Safety	1.00	2021	
21108A001	Blueprint Reading	3.00	2021	
17102A005	Beginning Electricity	1.00	2021	
13102A001	Mechatronics	3.00	2011	2020
17104A001	Industrial Electronics I	3.00	2011	2020
17104A002	Industrial Electronics II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17104A001	Industrial Electronics I	3.00	2021	
13302A001	Industrial Maintenance I	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020
21009A001	Robotics	3.00	2015	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13102A001	Mechatronics	3.00	2021	
21008A001	Digital Electronics	3.00	2021	
21061A001	Wind Turbine Maintenance	3.00	2021	
17104A002	Industrial Electronics II	3.00	2021	
13302A002	Industrial Maintenance II	3.00	2021	

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Cluster: Manufacturing

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13998A001	Industrial Electronics Workplace Experience	3.00	2021	
13998A002	Manufacturing Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Manufacturing

CIP: 47.0303 - Industrial Mechanics and Maintenance Technology. (Non Traditional - Female)

Status: All Start Year: 2011 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13052A001	Production Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
20001A001	Transportation Technology	1.00	2018	
21052A001	Foundations of Technology	1.00	2014	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17102A005	Beginning Electricity	1.00	2021	
21052A001	Foundations of Technology	1.00	2021	
13102A001	Mechatronics	3.00	2015	2016
13302A001	Industrial Maintenance I	3.00	2011	2020
13302A002	Industrial Maintenance II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13302A001	Industrial Maintenance I	3.00	2021	
13102A001	Mechatronics	3.00	2017	2020
21009A001	Robotics	3.00	2015	2020
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13302A002	Industrial Maintenance II	3.00	2021	
13102A001	Mechatronics	3.00	2021	
21009A001	Robotics	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22153A001	Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Manufacturing

CIP: 47.0409 - Parts and Warehousing Operations and Maintenance Technology/Technician. (Non Traditional - Female)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20001A001	Transportation Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
13052A001	Production Technology	1.00	2018	
20101A001	Energy Utilization Technology	1.00	2018	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
20001A002	Exploration of Transportation, Distribution and Logistics	3.00	2021	
22151A001	Career Exploration	1.00	2021	
21052A001	Foundations of Technology	1.00	2014	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13004A001	Industrial Safety	1.00	2021	
20102A001	Energy and Power of Transportation Systems	3.00	2021	
21052A001	Foundations of Technology	1.00	2021	
20152A001	Warehouse Operations I	3.00	2011	2020
20152A002	Warehouse Operations II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20152A001	Warehouse Operations I	3.00	2021	
20151A001	Distribution and Logistics	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20152A002	Warehouse Operations II	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20198A001	Parts and Warehousing Workplace Experience	3.00	2021	
20998A002	Transportation, Distribution & Logistics Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Manufacturing

CIP: 48.0501 - Machine Tool Technology/Machinist. (Non Traditional - Female)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13052A001	Production Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
20001A001	Transportation Technology	1.00	2018	
13001A001	Exploration of Manufacturing Occupations	3.00	2021	
22151A001	Career Exploration	1.00	2021	
21006A001	Introduction to Engineering Design	3.00	2015	2020
21052A001	Foundations of Technology	1.00	2014	2020
13203A007	Beginning Machining	1.00	2012	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
13203A007	Beginning Machining	1.00	2021	
13207A003	Beginning Welding	1.00	2021	
21102A002	Beginning Drafting	1.00	2021	
21108A001	Blueprint Reading	3.00	2021	
13004A001	Industrial Safety	1.00	2021	
21010A001	Computer Integrated Manufacturing	3.00	2011	2020
13203A005	Machine Shop Technology I	3.00	2011	2020
13203A006	Machine Shop Technology II	3.00	2011	2020
13203A001	Machine Tool Technology/Machinist I	3.00	2011	2020
13203A002	Machine Tool Technology/Machinist II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13203A001	Machine Tool Technology/Machinist I	3.00	2021	
13203A005	Machine Shop Technology I	3.00	2021	
13055A001	Precision Metal Production I	3.00	2021	
21010A001	Computer Integrated Manufacturing	3.00	2021	
21053A001	Emerging Technologies	3.00	2015	2020
21102A002	Beginning Drafting	1.00	2018	2020
13207A003	Beginning Welding	1.00	2018	2020
21009A001	Robotics	3.00	2015	2020
22153A001	Cooperative Education	3.00	2011	2020

CTE - CIP Course Details Catalog

Cluster: Manufacturing

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13203A002	Machine Tool Technology/Machinist II	3.00	2021	
13203A006	Machine Shop Technology II	3.00	2021	
13055A002	Precision Metal Production II	3.00	2021	
21009A001	Robotics	3.00	2021	
21053A001	Emerging Technologies	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13148A001	Machine Tool Technology Workplace Experience	3.00	2021	
13998A002	Manufacturing Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Manufacturing

CIP: 48.0506 - Sheet Metal Technology/Sheetworking. (Non Traditional - Female)

Status: All **Start Year:** 2011 **End Year:**

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13052A001	Production Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
13001A001	Exploration of Manufacturing Occupations	3.00	2021	
20001A001	Transportation Technology	1.00	2018	
22151A001	Career Exploration	1.00	2021	
21052A001	Foundations of Technology	1.00	2014	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13004A001	Industrial Safety	1.00	2021	
21052A001	Foundations of Technology	1.00	2021	
21108A001	Blueprint Reading	3.00	2021	
13205A001	Sheet Metal Technology I	3.00	2011	2020
13205A002	Sheet Metal Technology II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13205A001	Sheet Metal Technology I	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13205A002	Sheet Metal Technology II	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13998A002	Manufacturing Workplace Experience	3.00	2022	
13248A001	Sheet-working Workplace Experience	3.00	2021	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Manufacturing

CIP: 48.0508 - Welding Technology/Welder. (Non Traditional - Female)

Status: All **Start Year:** 2011 **End Year:**

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13001A001	Exploration of Manufacturing Occupations	3.00	2021	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
13052A001	Production Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
22151A001	Career Exploration	1.00	2021	
20001A001	Transportation Technology	1.00	2016	
21052A001	Foundations of Technology	1.00	2014	2020
13207A003	Beginning Welding	1.00	2012	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
13004A001	Industrial Safety	1.00	2021	
13207A003	Beginning Welding	1.00	2021	
21108A001	Blueprint Reading	3.00	2021	
13207A001	Welding Technology I	3.00	2011	2020
13207A002	Welding Technology II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13207A001	Welding Technology I	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13207A002	Welding Technology II	3.00	2021	
18404A001	Agriculture Welding	3.00	2021	2021

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13248A002	Welding Workplace Experience	3.00	2021	
13998A002	Manufacturing Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Manufacturing

CIP: 48.0511 - Metal Fabricator. (Non Traditional - Female)

Status: All Start Year: 2011 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13052A001	Production Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
20001A001	Transportation Technology	1.00	2018	
21052A001	Foundations of Technology	1.00	2014	2020
13203A007	Beginning Machining	1.00	2012	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13203A007	Beginning Machining	1.00	2021	
21052A001	Foundations of Technology	1.00	2021	
13207A003	Beginning Welding	1.00	2021	
21102A002	Beginning Drafting	1.00	2021	
13055A001	Precision Metal Production I	3.00	2011	2020
13055A002	Precision Metal Production II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13055A001	Precision Metal Production I	3.00	2021	
21102A002	Beginning Drafting	1.00	2018	2020
13207A003	Beginning Welding	1.00	2018	2020
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13055A002	Precision Metal Production II	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22153A001	Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Manufacturing

CIP: 48.0703 - Cabinetmaking and Millwork. (Non Traditional - Female)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13052A001	Production Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
13001A001	Exploration of Manufacturing Occupations	3.00	2021	
20001A001	Transportation Technology	1.00	2018	
22151A001	Career Exploration	1.00	2021	
21052A001	Foundations of Technology	1.00	2014	2020
17007A003	Beginning Cabinetmaking	1.00	2012	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
13004A001	Industrial Safety	1.00	2021	
21108A001	Blueprint Reading	3.00	2021	
17007A003	Beginning Cabinetmaking	1.00	2021	
17007A001	Cabinetmaking & Millwork I	3.00	2011	2020
17007A002	Cabinetmaking & Millwork II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17007A001	Cabinetmaking & Millwork I	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17007A002	Cabinetmaking & Millwork II	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13098A001	Cabinetmaking Workplace Experience	3.00	2021	
13998A002	Manufacturing Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Marketing

CIP: 19.0905 - Apparel and Textile Marketing Management.

Status: All Start Year: 2011 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19201A001	Textiles and Design I	1.00	2011	2020
19203A001	Textiles and Design II	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19204A001	Fashion, Apparel, and Textile Services Occupations	3.00	2011	
19201A001	Textiles and Design I	1.00	2021	
19251A001	Introduction to Family and Consumer Sciences Careers	3.00	2021	
19204A001	Fashion, Apparel, and Textile Services Occupations	3.00	2021	
12153A001	Fashion Merchandising	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19203A001	Textiles and Design II	1.00	2021	
19204A002	Textile and Design Occupations	3.00	2011	
22201A001	Introduction to Family and Consumer Sciences Careers	1.00	2011	2020
22153A002	FCS Cooperative Education	3.00	2011	2020
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12153A001	Fashion Merchandising	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22153A001	Cooperative Education	3.00	2021	
22153A002	FCS Cooperative Education	3.00	2021	
19248A001	Apparel and Textiles Workplace Experience	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Marketing

CIP: 52.1401 - Marketing/Marketing Management, General.

Status: All Start Year: 2021 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
12001A001	Business and Technology Concepts	1.00	2021	
12007A001	Recordkeeping	1.00	2021	
10008A001	Digital Literacy	1.00	2021	2021

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12051A001	Introductory Business	1.00	2021	
12167A001	Product-Oriented Marketing	3.00	2021	
12167A002	Service-Oriented Marketing	3.00	2021	
12202A001	Principles of Selling	3.00	2022	
10004A001	Computer Concepts and Software Applications	1.00	2021	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12152A001	Advanced Marketing	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12159A001	Hospitality & Tourism Marketing	3.00	2021	
12162A001	Social Media Marketing	1.00	2021	
12163A001	Sports and Entertainment Marketing	3.00	2021	
12056A001	International Business and Marketing	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12198A001	Marketing Workplace Experience	3.00	2021	
12198A002	Marketing Cluster Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Marketing

CIP: 52.1801 - Sales, Distribution, and Marketing Operations, General.

Status: All Start Year: 2011 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10008A001	Digital Literacy	1.00	2017	
12001A001	Business and Technology Concepts	1.00	2011	
12005A001	Keyboarding and Formatting	0.50	2011	
10004A001	Computer Concepts and Software Applications	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12164A001	Product-Oriented Marketing	3.00	2011	
10004A001	Computer Concepts and Software Applications	1.00	2021	
12167A001	Product-Oriented Marketing	3.00	2021	
12055A002	Business Principles and Management	3.00	2021	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12152A001	Advanced Marketing	3.00	2011	
12104A001	Accounting I	3.00	2011	2020
10005A001	Information Processing I	3.00	2011	2020
22153A001	Cooperative Education	3.00	2011	2020
12052A001	Business Management	3.00	2015	2020
12054A001	Business Law	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12104A002	Accounting II	3.00	2021	
10005A002	Information Processing II	3.00	2021	
12054A001	Business Law	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22153A001	Cooperative Education	3.00	2021	
12198A001	Marketing Workplace Experience	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Science, Technology, Engineering and Mathematics

CIP: 15.0000 - Engineering Technology, General. (Non Traditional - Female)

Status: All **Start Year:** 2011 **End Year:**

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13052A001	Production Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
20001A001	Transportation Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
22151A001	Career Exploration	1.00	2021	
21102A002	Beginning Drafting	1.00	2017	2020
21052A001	Foundations of Technology	1.00	2012	2020
21006A001	Introduction to Engineering Design	3.00	2012	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13004A001	Industrial Safety	1.00	2021	
21108A001	Blueprint Reading	3.00	2021	
21102A002	Beginning Drafting	1.00	2021	
21006A001	Introduction to Engineering Design	3.00	2021	
21052A001	Foundations of Technology	1.00	2021	
21009A001	Robotics	3.00	2012	2020
21053A001	Emerging Technologies	3.00	2013	2020
21054A001	Technological Design and Innovation	3.00	2011	2020
21004A001	Principles of Engineering	3.00	2011	2020
21008A001	Digital Electronics	3.00	2011	2020
21001A001	Principles of Technology I	3.00	2011	2020
21001A002	Principles of Technology II	3.00	2011	2020

CTE - CIP Course Details Catalog

Cluster: Science, Technology, Engineering and Mathematics

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21001A001	Principles of Technology I	3.00	2021	
21004A001	Principles of Engineering	3.00	2021	
21054A001	Technological Design and Innovation	3.00	2021	
21054A002	Advanced Design Applications (EbD)	3.00	2011	2017
21054A003	Advanced Technological Applications (EbD)	3.00	2011	2017
21014A001	Biotechnical Engineering	3.00	2011	2017
21054A004	Technology, Society and Sustainability	3.00	2017	2020
21010A001	Computer Integrated Manufacturing	3.00	2011	2020
21013A001	Aerospace Engineering	3.00	2011	2020
21012A001	Civil Engineering and Architecture	3.00	2011	2020
21007A002	Engineering Design & Development	3.00	2011	2020
21006A002	Engineering Design	3.00	2011	2020
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21001A002	Principles of Technology II	3.00	2021	
21006A002	Engineering Design	3.00	2021	
21012A001	Civil Engineering and Architecture	3.00	2021	
21009A001	Robotics	3.00	2021	
21053A001	Emerging Technologies	3.00	2021	
21054A004	Technology, Society and Sustainability	3.00	2021	
21013A001	Aerospace Engineering	3.00	2021	
21008A001	Digital Electronics	3.00	2021	
21014A001	Biotechnical Engineering	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21048A001	Engineering Workplace Experience	3.00	2021	
21998A001	Science, Technology, Engineering & Mathematics Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Science, Technology, Engineering and Mathematics

CIP: 15.1701 - Energy Systems Technology/Technician. (Non Traditional - Female)

Status: All **Start Year:** 2021 **End Year:**

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2021	
13052A001	Production Technology	1.00	2021	
20001A001	Transportation Technology	1.00	2021	
11002A001	Communication Technology	1.00	2021	
20101A001	Energy Utilization Technology	1.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
13004A001	Industrial Safety	1.00	2021	
21108A001	Blueprint Reading	3.00	2021	
17102A005	Beginning Electricity	1.00	2021	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20101A002	Energy & Power	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21008A001	Digital Electronics	3.00	2022	
21006A002	Engineering Design	3.00	2021	
21061A001	Wind Turbine Maintenance	3.00	2021	
21053A001	Emerging Technologies	3.00	2021	
17104A002	Industrial Electronics II	3.00	2021	
21054A004	Technology, Society and Sustainability	3.00	2021	
21001A002	Principles of Technology II	3.00	2021	
18506A001	Alternative Energy	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21098A001	Energy Systems Technology Workplace Experience	3.00	2021	
22153A001	Cooperative Education	3.00	2021	
21998A001	Science, Technology, Engineering & Mathematics Workplace Experience	3.00	2022	

CTE - CIP Course Details Catalog

Cluster: Transportation, Distribution, and Logistics

CIP: 47.0603 - Autobody/Collision and Repair Technology/Technician. (Non Traditional - Female)

Status: All **Start Year:** 2011 **End Year:**

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
20001A001	Transportation Technology	1.00	2011	
13052A001	Production Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	
20001A002	Exploration of Transportation, Distribution and Logistics	3.00	2021	
22151A001	Career Exploration	1.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20102A001	Energy and Power of Transportation Systems	3.00	2021	
21052A001	Foundations of Technology	1.00	2021	
13004A001	Industrial Safety	1.00	2021	
20116A001	Auto-Body I	3.00	2011	2020
20116A002	Auto-Body II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20116A001	Auto-Body I	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20116A002	Auto-Body II	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20148A001	Auto-body Technician Workplace Experience	3.00	2021	
20998A002	Transportation, Distribution & Logistics Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Transportation, Distribution, and Logistics

CIP: 47.0604 - Automobile/Automotive Mechanics Technology/Technician. (Non Traditional - Female)

Status: All **Start Year:** 2011 **End Year:**

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
20001A001	Transportation Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	
13052A001	Production Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
22151A001	Career Exploration	1.00	2021	
20001A002	Exploration of Transportation, Distribution and Logistics	3.00	2021	
21052A001	Foundations of Technology	1.00	2014	2020
20106A001	Beginning Automotive Services	1.00	2012	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
13004A001	Industrial Safety	1.00	2021	
20102A001	Energy and Power of Transportation Systems	3.00	2021	
20106A001	Beginning Automotive Services	1.00	2021	
20110A001	Small Engine Repair	3.00	2021	
13207A003	Beginning Welding	1.00	2021	
20107A001	Diesel Mechanics I	3.00	2013	2020
20104A001	Automotive Technician I	3.00	2011	2020
20104A002	Automotive Technician II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20104A001	Automotive Technician I	3.00	2021	
20107A001	Diesel Mechanics I	3.00	2021	
20110A001	Small Engine Repair	3.00	2017	2020
20110A002	Small Engine Repair II	3.00	2017	2020
22153A001	Cooperative Education	3.00	2011	2020

CTE - CIP Course Details Catalog

Cluster: Transportation, Distribution, and Logistics

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20104A002	Automotive Technician II	3.00	2021	
20107A002	Diesel Mechanics II	3.00	2021	
20119A001	Hybrid Engines	3.00	2021	
20109A001	Small Vehicle Mechanics	3.00	2021	
20110A003	Advanced Small Engine	3.00	2022	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20148A002	Automotive Technician Workplace Experience	3.00	2021	
20998A002	Transportation, Distribution & Logistics Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Transportation, Distribution, and Logistics

CIP: 47.0606 - Small Engine Mechanics and Repair Technology/Technician. (Non Traditional - Female)

Status: All **Start Year:** 2011 **End Year:** 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
20001A001	Transportation Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	
13052A001	Production Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
21052A001	Foundations of Technology	1.00	2014	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
20110A001	Small Engine Repair	3.00	2011	
20110A002	Small Engine Repair II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20110A002	Small Engine Repair II	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22153A001	Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Transportation, Distribution, and Logistics

CIP: 47.0608 - Aircraft Powerplant Technology/Technician. (Non Traditional - Female)

Status: All **Start Year:** 2011 **End Year:**

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20001A001	Transportation Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
13052A001	Production Technology	1.00	2011	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
22151A001	Career Exploration	1.00	2021	
20001A002	Exploration of Transportation, Distribution and Logistics	3.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
13004A001	Industrial Safety	1.00	2021	
20102A001	Energy and Power of Transportation Systems	3.00	2021	
20110A001	Small Engine Repair	3.00	2021	
20113A001	Aircraft Technician I	3.00	2011	2020
20113A002	Aircraft Technician II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20113A001	Aircraft Technician I	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20113A002	Aircraft Technician II	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20098A001	Aircraft Technician Workplace Experience	3.00	2021	
20998A002	Transportation, Distribution & Logistics Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Transportation, Distribution, and Logistics

CIP: 49.0102 - Airline/Commercial/Professional Pilot and Flight Crew. (Non Traditional - Female)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
20001A001	Transportation Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
13052A001	Production Technology	1.00	2011	
22151A001	Career Exploration	1.00	2021	
20001A002	Exploration of Transportation, Distribution and Logistics	3.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
13004A001	Industrial Safety	1.00	2021	
20102A001	Energy and Power of Transportation Systems	3.00	2021	
20053A001	Aviation/Pilot I	3.00	2011	2020
20053A002	Aviation/Pilot II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20053A001	Aviation/Pilot I	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20053A002	Aviation/Pilot II	3.00	2021	
20055A001	Pilot Training	3.00	2021	
20099A001	Drone Operation and Maintenance	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20098A002	Pilot and Flight Crew Workplace Experience	3.00	2021	
20998A002	Transportation, Distribution & Logistics Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Transportation, Distribution, and Logistics

CIP: 49.0205 - Truck and Bus Driver/Commercial Vehicle Operator and Instructor. (Non Traditional - Female)

Status: All Start Year: 2021 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
20001A002	Exploration of Transportation, Distribution and Logistics	3.00	2021	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2021	
20001A001	Transportation Technology	1.00	2021	
13052A001	Production Technology	1.00	2021	
11002A001	Communication Technology	1.00	2021	
20101A001	Energy Utilization Technology	1.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
13004A001	Industrial Safety	1.00	2021	
20102A001	Energy and Power of Transportation Systems	3.00	2022	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20051A001	Truck and Bus Driving	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20098A003	Truck/Bus Operation Workplace Experience	3.00	2021	
20998A002	Transportation, Distribution & Logistics Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Transportation, Distribution, and Logistics

CIP: 49.0209 - Forklift Operation/Operator. (Non Traditional - Female)

Status: All **Start Year:** 2021 **End Year:**

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
20001A002	Exploration of Transportation, Distribution and Logistics	3.00	2021	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2021	
20001A001	Transportation Technology	1.00	2021	
13052A001	Production Technology	1.00	2021	
11002A001	Communication Technology	1.00	2021	
20101A001	Energy Utilization Technology	1.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
13004A001	Industrial Safety	1.00	2021	
20102A001	Energy and Power of Transportation Systems	3.00	2021	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20052A001	Light and Heavy Equipment Operation	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20098A004	Forklift Operation Workplace Experience	3.00	2021	
20998A002	Transportation, Distribution & Logistics Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Architecture and Construction

CIP: 15.1301 - Drafting and Design Technology/Technician, General. (Non Traditional - Female)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
11002A001	Communication Technology	1.00	2011	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
20001A001	Transportation Technology	1.00	2018	
20101A001	Energy Utilization Technology	1.00	2018	
13052A001	Production Technology	1.00	2011	
22151A001	Career Exploration	1.00	2021	
21102A002	Beginning Drafting	1.00	2012	2020
21006A001	Introduction to Engineering Design	3.00	2013	2020
21052A001	Foundations of Technology	1.00	2014	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13004A001	Industrial Safety	1.00	2021	
21102A002	Beginning Drafting	1.00	2021	
21052A001	Foundations of Technology	1.00	2021	
21006A001	Introduction to Engineering Design	3.00	2021	
10004A001	Computer Concepts and Software Applications	1.00	2022	
21012A001	Civil Engineering and Architecture	3.00	2013	2020
21102A001	Drafting	3.00	2011	2020
21103A001	Architectural Drafting I	3.00	2011	2020
21103A002	Architectural Drafting II	3.00	2011	2020
21106A001	Mechanical Drafting I	3.00	2011	2020
21106A002	Mechanical Drafting II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21102A001	Drafting	3.00	2021	
21103A001	Architectural Drafting I	3.00	2021	
21106A001	Mechanical Drafting I	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020
21006A002	Engineering Design	3.00	2015	2020
21054A001	Technological Design and Innovation	3.00	2015	2020
21007A002	Engineering Design & Development	3.00	2015	2020
21053A001	Emerging Technologies	3.00	2015	2020

CTE - CIP Course Details Catalog

Cluster: Architecture and Construction

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21012A001	Civil Engineering and Architecture	3.00	2021	
21103A002	Architectural Drafting II	3.00	2021	
21106A002	Mechanical Drafting II	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21148A001	Drafting Workplace Experience	3.00	2021	
17998A003	Architecture & Construction Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Architecture and Construction

CIP: 46.0000 - Construction Trades, General. (Non Traditional - Female)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2018	
13052A001	Production Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
20001A001	Transportation Technology	1.00	2011	
22151A001	Career Exploration	1.00	2021	
21102A002	Beginning Drafting	1.00	2017	2020
21052A001	Foundations of Technology	1.00	2014	2020
17102A005	Beginning Electricity	1.00	2014	2020
17001A001	Beginning Construction	1.00	2012	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
17001A001	Beginning Construction	1.00	2021	
13004A001	Industrial Safety	1.00	2021	
13207A003	Beginning Welding	1.00	2021	
17102A005	Beginning Electricity	1.00	2021	
21102A002	Beginning Drafting	1.00	2021	
17011A002	Wall Finishing II	3.00	2011	2020
17002A001	Construction Trades I	3.00	2011	2020
17002A002	Construction Trades II	3.00	2011	2020
17003A001	Carpentry I	3.00	2011	2020
17003A002	Carpentry II	3.00	2011	2020
17005A001	Drywall Installation	3.00	2011	2020
17005A002	Drywall Installation II	3.00	2011	2020
17008A001	Masonry	3.00	2011	2020
17008A002	Masonry II	3.00	2011	2020
17011A001	Wall Finishing	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17002A001	Construction Trades I	3.00	2021	
17017A001	Civil Construction	3.00	2021	
17003A001	Carpentry I	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

CTE - CIP Course Details Catalog

Cluster: Architecture and Construction

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17002A002	Construction Trades II	3.00	2021	
17003A002	Carpentry II	3.00	2021	
17013A001	Commercial Construction	3.00	2021	
17014A001	Concrete Foundations, Pavement, and Asphalt	3.00	2021	
17005A001	Drywall Installation	3.00	2021	
17008A001	Masonry	3.00	2021	
17011A001	Wall Finishing	3.00	2021	
17058A001	Plumbing	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17048A001	General Construction Workplace Experience	3.00	2021	
17998A003	Architecture & Construction Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Architecture and Construction

CIP: 46.0301 - Electrical and Power Transmission Installation/Installer, General. (Non Traditional - Female)

Status: All Start Year: 2011 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20101A001	Energy Utilization Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
13052A001	Production Technology	1.00	2011	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
20001A001	Transportation Technology	1.00	2018	
17102A005	Beginning Electricity	1.00	2012	2020
21052A001	Foundations of Technology	1.00	2014	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17102A005	Beginning Electricity	1.00	2021	
21052A001	Foundations of Technology	1.00	2021	
17102A001	Electrical Systems I	3.00	2011	2020
17102A002	Electrical Systems II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17102A001	Electrical Systems I	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17102A002	Electrical Systems II	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22153A001	Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Architecture and Construction

CIP: 46.0302 - Electrician. (Non Traditional - Female)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20101A001	Energy Utilization Technology	1.00	2011	
13052A001	Production Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
20001A001	Transportation Technology	1.00	2018	
22151A001	Career Exploration	1.00	2021	
21052A001	Foundations of Technology	1.00	2014	2020
17102A005	Beginning Electricity	1.00	2012	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
13004A001	Industrial Safety	1.00	2021	
17102A005	Beginning Electricity	1.00	2021	
21102A002	Beginning Drafting	1.00	2021	
17102A003	Electrical Trades I	3.00	2011	2020
17102A004	Electrical Trades II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17102A001	Electrical Systems I	3.00	2021	
17102A003	Electrical Trades I	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2021

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17102A002	Electrical Systems II	3.00	2021	
17102A004	Electrical Trades II	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17148A001	Electricity/Electronics Workplace Experience	3.00	2021	
17998A003	Architecture & Construction Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Architecture and Construction

CIP: 46.0401 - Building/Property Maintenance. (Non Traditional - Female)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
11002A001	Communication Technology	1.00	2011	
20001A001	Transportation Technology	1.00	2018	
13052A001	Production Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	
22151A001	Career Exploration	1.00	2021	
17102A005	Beginning Electricity	1.00	2019	2020
21052A001	Foundations of Technology	1.00	2017	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
13004A001	Industrial Safety	1.00	2021	
17001A001	Beginning Construction	1.00	2021	
17102A005	Beginning Electricity	1.00	2021	
17009A001	Building Maintenance I	3.00	2011	2020
17009A002	Building Maintenance II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17009A001	Building Maintenance I	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17009A002	Building Maintenance II	3.00	2021	
17058A001	Plumbing	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17998A001	Building Maintenance Workplace Experience	3.00	2021	
17998A003	Architecture & Construction Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Architecture and Construction

CIP: 46.0503 - Plumbing Technology/Plumber. (Non Traditional - Female)

Status: All Start Year: 2011 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13052A001	Production Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
20001A001	Transportation Technology	1.00	2018	
21052A001	Foundations of Technology	1.00	2017	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
17058A001	Plumbing	3.00	2011	2020
17058A002	Plumbing II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17058A001	Plumbing	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17058A002	Plumbing II	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22153A001	Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Architecture and Construction

CIP: 47.0201 - Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician. (Non Traditional - Fem

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
13052A001	Production Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
20001A001	Transportation Technology	1.00	2018	
22151A001	Career Exploration	1.00	2021	
21052A001	Foundations of Technology	1.00	2019	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
13004A001	Industrial Safety	1.00	2021	
13207A003	Beginning Welding	1.00	2021	
13203A007	Beginning Machining	1.00	2021	
21102A002	Beginning Drafting	1.00	2021	
17056A001	HVAC I	3.00	2011	2021
17056A002	HVAC II	3.00	2011	2021

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17056A001	HVAC I	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2021

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17056A002	HVAC II	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17098A001	HVAC Workplace Experience	3.00	2021	
17998A003	Architecture & Construction Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Architecture and Construction

CIP: 47.0302 - Heavy Equipment Technology/Technician. (Non Traditional - Female)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
13052A001	Production Technology	1.00	2011	
20001A001	Transportation Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
22151A001	Career Exploration	1.00	2021	
21052A001	Foundations of Technology	1.00	2017	2021

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
13004A001	Industrial Safety	1.00	2021	
13207A003	Beginning Welding	1.00	2021	
20106A001	Beginning Automotive Services	1.00	2021	
20112A001	Heavy Equipment Technician I	3.00	2011	2021
20112A002	Heavy Equipment Technician II	3.00	2011	2021

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20112A001	Heavy Equipment Technician I	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2021

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20112A002	Heavy Equipment Technician II	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17998A002	Heavy Equipment Technician Workplace Experience	3.00	2021	
17998A003	Architecture & Construction Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Arts, Audio/Video Technology and Communications

CIP: 10.0202 - Radio and Television Broadcasting Technology/Technician. (Non Traditional - Female)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
11002A001	Communication Technology	1.00	2011	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2018	
13052A001	Production Technology	1.00	2018	
11001A001	Introduction to Communication	3.00	2022	
11151A001	Digital Media Technology	3.00	2022	
22151A001	Career Exploration	1.00	2021	
11051A003	Beginning Audio/Visual Production	2.00	2012	2020
21052A001	Foundations of Technology	1.00	2014	2020
20001A001	Transportation Technology	1.00	2018	2021

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
11051A003	Beginning Audio/Visual Production	2.00	2021	
10004A001	Computer Concepts and Software Applications	1.00	2022	
10003A001	Computer and Information Technology	3.00	2022	
11051A001	Audio/Video Production I	3.00	2011	2020
11051A002	Audio/Video Production II	6.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
11103A001	Broadcasting Technology	3.00	2022	
11051A001	Audio/Video Production I	3.00	2021	
11107A001	Radio Production	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
11051A002	Audio/Video Production II	6.00	2021	
11004A001	Social Media	3.00	2021	
20099A001	Drone Operation and Maintenance	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Arts, Audio/Video Technology and Communications

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
11048A001	Graphic Communications Workplace Experience	3.00	2021	
11998A002	Arts, Audio/Video Technology & Communications Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Arts, Audio/Video Technology and Communications

CIP: 10.0301 - Graphic Communications, General.

Status: All Start Year: 2021 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
11001A001	Introduction to Communication	3.00	2022	
22151A001	Career Exploration	1.00	2021	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2021	
11002A001	Communication Technology	1.00	2021	
13052A001	Production Technology	1.00	2021	
20001A001	Transportation Technology	1.00	2021	
20101A001	Energy Utilization Technology	1.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
11154A003	Beginning Graphic Communication	1.00	2021	
10202A002	Beginning Digital Graphics	1.00	2021	
11152A001	Desktop Publishing	3.00	2022	
11153A001	Digital Media Design and Production	3.00	2022	
10004A001	Computer Concepts and Software Applications	1.00	2022	
10003A001	Computer and Information Technology	3.00	2022	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
11154A001	Graphic Communications I	3.00	2021	
11155A001	Commercial & Advertising Art I	3.00	2021	
10202A001	Digital Graphics	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10206A001	Mobile Applications	3.00	2021	
10205A001	Computer Gaming and Design	3.00	2021	
10203A001	Interactive Media	3.00	2022	
05252A001	Interactive Design	3.00	2022	
11154A002	Graphic Communications II	3.00	2021	
11155A002	Commercial & Advertising Art II	3.00	2021	
11004A001	Social Media	3.00	2021	
21053A001	Emerging Technologies	3.00	2021	
10204A001	Computer Gaming and Design	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Arts, Audio/Video Technology and Communications

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
11048A001	Graphic Communications Workplace Experience	3.00	2021	
11998A002	Arts, Audio/Video Technology & Communications Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Arts, Audio/Video Technology and Communications

CIP: 10.0303 - Prepress/Desktop Publishing and Digital Imaging Design.

Status: All Start Year: 2011 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
11002A001	Communication Technology	1.00	2011	
13052A001	Production Technology	1.00	2011	
20001A001	Transportation Technology	1.00	2018	
20101A001	Energy Utilization Technology	1.00	2018	
21052A001	Foundations of Technology	1.00	2014	2020
11154A003	Beginning Graphic Communication	1.00	2012	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
11154A003	Beginning Graphic Communication	1.00	2021	
11154A001	Graphic Communications I	3.00	2011	2021
11154A002	Graphic Communications II	3.00	2011	2021

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
11154A001	Graphic Communications I	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
11154A002	Graphic Communications II	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22153A001	Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Arts, Audio/Video Technology and Communications

CIP: 50.0102 - Digital Arts.

Status: All Start Year: 2011 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
20001A001	Transportation Technology	1.00	2018	
20101A001	Energy Utilization Technology	1.00	2018	
11002A001	Communication Technology	1.00	2011	
13052A001	Production Technology	1.00	2011	
21052A001	Foundations of Technology	1.00	2014	2020
10202A002	Beginning Digital Graphics	1.00	2012	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10202A002	Beginning Digital Graphics	1.00	2021	
21052A001	Foundations of Technology	1.00	2021	
10202A001	Digital Graphics	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10202A001	Digital Graphics	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22153A001	Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Arts, Audio/Video Technology and Communications

CIP: 50.0402 - Commercial and Advertising Art.

Status: All Start Year: 2011 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20001A001	Transportation Technology	1.00	2018	
20101A001	Energy Utilization Technology	1.00	2018	
11002A001	Communication Technology	1.00	2011	
13052A001	Production Technology	1.00	2011	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
10202A002	Beginning Digital Graphics	1.00	2012	2020
21052A001	Foundations of Technology	1.00	2014	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21052A001	Foundations of Technology	1.00	2021	
10202A002	Beginning Digital Graphics	1.00	2021	
11155A001	Commercial & Advertising Art I	3.00	2011	2020
11155A002	Commercial & Advertising Art II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
11155A001	Commercial & Advertising Art I	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
11155A002	Commercial & Advertising Art II	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22153A001	Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Arts, Audio/Video Technology and Communications

CIP: 50.0406 - Commercial Photography.

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
11001A001	Introduction to Communication	3.00	2022	
11151A001	Digital Media Technology	3.00	2022	
13052A001	Production Technology	1.00	2018	
20101A001	Energy Utilization Technology	1.00	2018	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
11002A001	Communication Technology	1.00	2011	
22151A001	Career Exploration	1.00	2021	
11052A003	Beginning Photography	1.00	2012	2020
21052A001	Foundations of Technology	1.00	2014	2020
20001A001	Transportation Technology	1.00	2018	2021

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
11054A001	Photo Imaging	3.00	2022	
10003A001	Computer and Information Technology	3.00	2022	
10004A001	Computer Concepts and Software Applications	1.00	2022	
21052A001	Foundations of Technology	1.00	2021	
11052A003	Beginning Photography	1.00	2021	
11052A001	Commercial Photography I	3.00	2011	2020
11052A002	Commercial Photography II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
11156A001	Photography and Printing Technology	3.00	2022	
11052A001	Commercial Photography I	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
11052A002	Commercial Photography II	3.00	2021	
11053A001	Photographic Laboratory and Darkroom	3.00	2022	

CTE - CIP Course Details Catalog

Cluster: Arts, Audio/Video Technology and Communications

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
11048A001	Graphic Communications Workplace Experience	3.00	2021	
11998A002	Arts, Audio/Video Technology & Communications Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Business, Management and Administration

CIP: 52.0201 - Business Administration and Management, General. (Non Traditional - Female)

Status: All Start Year: 2021 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
12001A001	Business and Technology Concepts	1.00	2021	
12005A001	Keyboarding and Formatting	0.50	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12051A001	Introductory Business	1.00	2021	
12009A001	Business Communications	1.00	2021	
12055A002	Business Principles and Management	3.00	2021	
10004A001	Computer Concepts and Software Applications	1.00	2021	
12202A001	Principles of Selling	3.00	2022	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12052A001	Business Management	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12111A001	Financial Accounting	3.00	2022	
12054A001	Business Law	3.00	2021	
12105A001	Business Economics	3.00	2021	
12056A001	International Business and Marketing	3.00	2021	
12060A001	Business Ethics	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12098A001	Business Management Workplace Experience	3.00	2021	
12098A002	Business, Management & Administration Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Business, Management and Administration

CIP: 52.0302 - Accounting Technology/Technician and Bookkeeping. (Non Traditional - Male)

Status: All Start Year: 2011 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12007A001	Recordkeeping	1.00	2011	
12001A001	Business and Technology Concepts	1.00	2011	
12005A001	Keyboarding and Formatting	0.50	2011	
22151A001	Career Exploration	1.00	2021	
10004A001	Computer Concepts and Software Applications	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12164A001	Product-Oriented Marketing	3.00	2021	
12167A002	Service-Oriented Marketing	3.00	2021	
12101A001	Banking and Finance	3.00	2021	
12009A001	Business Communications	1.00	2021	
10004A001	Computer Concepts and Software Applications	1.00	2021	
12104A002	Accounting II	3.00	2011	2020
12104A001	Accounting I	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12104A001	Accounting I	3.00	2021	
10005A001	Information Processing I	3.00	2011	2020
22153A001	Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12104A002	Accounting II	3.00	2021	
12109A001	Income Tax Accounting	3.00	2021	
12108A001	Cost Accounting	3.00	2021	
12110A001	Payroll Accounting	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12148A002	Accounting Workplace Experience	3.00	2021	
22153A001	Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Business, Management and Administration

CIP: 52.0401 - Administrative Assistant and Secretarial Science, General. (Non Traditional - Male)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12001A001	Business and Technology Concepts	1.00	2011	
12005A001	Keyboarding and Formatting	0.50	2011	
22151A001	Career Exploration	1.00	2021	
10004A001	Computer Concepts and Software Applications	1.00	2011	2020
10008A001	Digital Literacy	1.00	2017	2021

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12051A001	Introductory Business	1.00	2021	
12009A001	Business Communications	1.00	2021	
12055A002	Business Principles and Management	3.00	2021	
10004A001	Computer Concepts and Software Applications	1.00	2021	
10005A001	Information Processing I	3.00	2011	2020
10005A002	Information Processing II	3.00	2011	2020
12002A001	Business Technology and Procedures	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10005A001	Information Processing I	3.00	2021	
12054A001	Business Law	3.00	2011	2020
22153A001	Cooperative Education	3.00	2011	2020
12104A001	Accounting I	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10005A002	Information Processing II	3.00	2021	
12054A001	Business Law	3.00	2021	
12108A001	Cost Accounting	3.00	2021	
12110A001	Payroll Accounting	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12048A002	Administrative Assistant Workplace Experience	3.00	2021	
12098A002	Business, Management & Administration Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Business, Management and Administration

CIP: 52.0701 - Entrepreneurship/Entrepreneurial Studies.

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
12001A001	Business and Technology Concepts	1.00	2011	
12005A001	Keyboarding and Formatting	0.50	2011	
10004A001	Computer Concepts and Software Applications	1.00	2011	2020
10008A001	Digital Literacy	1.00	2017	2021

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12051A001	Introductory Business	1.00	2021	
12009A001	Business Communications	1.00	2021	
12055A002	Business Principles and Management	3.00	2021	
12202A001	Principles of Selling	3.00	2022	
10004A001	Computer Concepts and Software Applications	1.00	2021	
12052A001	Business Management	3.00	2015	2020
12053A001	Entrepreneurship	3.00	2011	2020
12055A001	Service-Oriented Marketing	3.00	2021	2021
12164A001	Product-Oriented Marketing	3.00	2021	2021
12167A001	Product-Oriented Marketing	3.00	2021	2021
12167A002	Service-Oriented Marketing	3.00	2020	2021

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12053A001	Entrepreneurship	3.00	2021	
22153A001	Cooperative Education	3.00	2011	2020
12055A001	Service-Oriented Marketing	3.00	2011	2020
12054A001	Business Law	3.00	2011	2020
12152A001	Advanced Marketing	3.00	2011	2020
12164A001	Product-Oriented Marketing	3.00	2011	2020
10005A001	Information Processing I	3.00	2011	2020
12104A001	Accounting I	3.00	2011	2020

CTE - CIP Course Details Catalog

Cluster: Business, Management and Administration

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12054A001	Business Law	3.00	2021	
12105A001	Business Economics	3.00	2021	
12060A001	Business Ethics	3.00	2021	
12056A001	International Business and Marketing	3.00	2021	
12111A001	Financial Accounting	3.00	2022	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12998A001	Entrepreneurial Workplace Experience	3.00	2021	
12098A002	Business, Management & Administration Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Business, Management and Administration

CIP: 52.1001 - Human Resources Management/Personnel Administration, General (Non Traditional - Male)

Status: All Start Year: 2021 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
12001A001	Business and Technology Concepts	1.00	2021	
12005A001	Keyboarding and Formatting	0.50	2021	
10008A001	Digital Literacy	1.00	2021	2021

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12051A001	Introductory Business	1.00	2021	
12009A001	Business Communications	1.00	2021	
12055A002	Business Principles and Management	3.00	2021	
10004A001	Computer Concepts and Software Applications	1.00	2021	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12058A001	Human Resources Management	1.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12054A001	Business Law	3.00	2021	
12060A001	Business Ethics	3.00	2021	
12105A001	Business Economics	3.00	2021	
12056A001	International Business and Marketing	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12048A001	Human Resources Workplace Experience	3.00	2021	
12098A002	Business, Management & Administration Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Business, Management and Administration

CIP: 59.0109 - Work Experience and Career Exploration Program

Status: All Start Year: 2011 End Year: 2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22004A001	Work Experience and Career Exploration Program	3.00	2011	2018

CTE - CIP Course Details Catalog

Cluster: Education and Training

CIP: 13.0101 - Education, General. (Non Traditional - Male)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19001A001	Human Services Career Exploration	3.00	2021	
22151A001	Career Exploration	1.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19151A001	Foundations to Teaching	3.00	2011	
19154A002	Diversity in Education	3.00	2021	
19261A001	Human Growth and Development	3.00	2021	
19259A001	Work and Family Relationships	3.00	2021	
19052A001	Child Development and Parenting	3.00	2021	
19152A001	Educational Methodology	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19152A001	Educational Methodology	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19155A001	Instructional Technology	3.00	2021	
19154A001	Classroom Management	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19198A001	General Education Workplace Experience	3.00	2021	
19198A003	Education & Training Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Education and Training

CIP: 13.1210 - Early Childhood Education and Teaching. (Non Traditional - Male)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
19001A001	Human Services Career Exploration	3.00	2021	
19052A001	Child Development and Parenting	3.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19154A002	Diversity in Education	3.00	2021	
19151A001	Foundations to Teaching	3.00	2021	
19261A001	Human Growth and Development	3.00	2021	
19259A001	Work and Family Relationships	3.00	2021	
19052A001	Child Development and Parenting	3.00	2021	
19153A001	Early Childhood Education	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19153A001	Early Childhood Education	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19155A001	Instructional Technology	3.00	2021	
19154A001	Classroom Management	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19198A002	Early Childhood Education Workplace Experience	3.00	2021	
19198A003	Education & Training Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Finance

CIP: 52.0301 - Accounting.

Status: All Start Year: 2021 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
12001A001	Business and Technology Concepts	1.00	2021	
12007A001	Recordkeeping	1.00	2021	
10008A001	Digital Literacy	1.00	2021	2021

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12051A001	Introductory Business	1.00	2021	
12101A001	Banking and Finance	3.00	2021	
12009A001	Business Communications	1.00	2021	
10004A001	Computer Concepts and Software Applications	1.00	2021	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12104A001	Accounting I	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12111A001	Financial Accounting	3.00	2022	
12104A002	Accounting II	3.00	2021	
12109A001	Income Tax Accounting	3.00	2021	
12108A001	Cost Accounting	3.00	2021	
12110A001	Payroll Accounting	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12148A002	Accounting Workplace Experience	3.00	2021	
12148A003	Finance Cluster Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Finance

CIP: 52.0801 - Finance, General.

Status: All **Start Year:** 2021 **End Year:**

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
12001A001	Business and Technology Concepts	1.00	2021	
12007A001	Recordkeeping	1.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12051A001	Introductory Business	1.00	2021	
12101A001	Banking and Finance	3.00	2021	
12009A001	Business Communications	1.00	2021	
10004A001	Computer Concepts and Software Applications	1.00	2021	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12103A001	Finance	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12111A001	Financial Accounting	3.00	2022	
12102A001	Banking	3.00	2021	
12105A001	Business Economics	3.00	2021	
12060A001	Business Ethics	3.00	2021	
12054A001	Business Law	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12148A001	Finance Workplace Experience	3.00	2021	
12148A003	Finance Cluster Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Finance

CIP: 52.1908 - Business and Personal/Financial Services Marketing Operations.

Status: All Start Year: 2011 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
10008A001	Digital Literacy	1.00	2017	
12001A001	Business and Technology Concepts	1.00	2011	
12005A001	Keyboarding and Formatting	0.50	2011	
10004A001	Computer Concepts and Software Applications	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12164A001	Product-Oriented Marketing	3.00	2021	
12051A001	Introductory Business	1.00	2021	
12055A001	Service-Oriented Marketing	3.00	2011	
10004A001	Computer Concepts and Software Applications	1.00	2021	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12152A001	Advanced Marketing	3.00	2011	
12104A001	Accounting I	3.00	2011	2020
10005A001	Information Processing I	3.00	2011	2020
22153A001	Cooperative Education	3.00	2011	2020
12052A001	Business Management	3.00	2015	2020
12054A001	Business Law	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12159A001	Hospitality & Tourism Marketing	3.00	2021	
12162A001	Social Media Marketing	1.00	2021	
12163A001	Sports and Entertainment Marketing	3.00	2021	
12056A001	International Business and Marketing	3.00	2021	
12054A001	Business Law	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12198A001	Marketing Workplace Experience	3.00	2021	
22153A001	Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Government and Public Administration

CIP: 44.0401 - Public Administration. (Non Traditional - Female)

Status: All Start Year: 2021 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
15001A001	Exploration of Public Service Careers	3.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15101A001	Public Safety	3.00	2021	
15202A001	Community Protection	3.00	2021	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15201A001	Public Administration	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15203A001	Public Policy	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15248A001	Government Service Workplace Experience	3.00	2021	
15248A002	Government & Public Administration Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.0000 - Health Services/Allied Health/Health Sciences, General.

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
14001A001	Orientation to Diversified Health Occupations	1.00	2021	
14001A001	Orientation to Diversified Health Occupations	1.00	2019	2020
14002A001	Health Occupations Related Skills	1.00	2019	2020
14252A001	Principles of Biomedical Science (PLTW)	3.00	2018	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14254A002	Basic Life Support	3.00	2022	
14153A001	Medical Office Procedures	3.00	2022	
14154A001	Medical Terminology	1.00	2021	
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14255A001	Principles of Biomedical Sciences	3.00	2021	
03053A001	Anatomy & Physiology for Health Sciences	1.00	2021	
14003A001	Medical Law and Ethics	3.00	2021	
14252A001	Principles of Biomedical Science (PLTW)	3.00	2011	2017
14251A001	Human Body Systems	3.00	2011	2020
14254A001	Medical Interventions	3.00	2018	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14254A001	Medical Interventions	3.00	2021	
14255A002	Biomedical Innovation	3.00	2021	
14002A003	Health Occupations Advanced Skill Development	3.00	2021	
14254A001	Medical Interventions	3.00	2011	2017
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2019	2020
14154A001	Medical Terminology	1.00	2019	2020
14299A001	Biomedical Innovations (PLTW)	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
15202A002	Public Health	3.00	2021	
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2021	
14251A001	Human Body Systems	3.00	2021	
14059A002	Gerontology	3.00	2021	

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Cluster: Health Science

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14298A001	Allied Health Workplace Experience	3.00	2021	
14998A002	Health Science Workplace Experience	3.00	2022	
14998A001	Health Occupations Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.0601 - Dental Assisting/Assistant. (Non Traditional - Male)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2011	
22151A001	Career Exploration	1.00	2021	
14002A001	Health Occupations Related Skills	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14254A002	Basic Life Support	3.00	2022	
14153A001	Medical Office Procedures	3.00	2022	
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14003A001	Medical Law and Ethics	3.00	2021	
14154A001	Medical Terminology	1.00	2021	
14255A001	Principles of Biomedical Sciences	3.00	2021	
03053A001	Anatomy & Physiology for Health Sciences	1.00	2021	
14054A001	Dental Assistant	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14054A001	Dental Assistant	3.00	2021	
14153A001	Medical Office Procedures	3.00	2011	2020
14998A001	Health Occupations Cooperative Education	3.00	2011	2020
14002A002	Health Occupations Introductory Skill Development	3.00	2011	2020
14002A003	Health Occupations Advanced Skill Development	3.00	2011	2020
14154A001	Medical Terminology	1.00	2019	2020
14101A001	Dental Laboratory Aide	3.00	2019	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2021	
14059A002	Gerontology	3.00	2021	
14101A001	Dental Laboratory Aide	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14098A001	Dental Assisting Workplace Experience	3.00	2021	
14998A002	Health Science Workplace Experience	3.00	2022	
14998A001	Health Occupations Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.0703 - Health Unit Coordinator/Ward Clerk.

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2011	
22151A001	Career Exploration	1.00	2021	
14002A001	Health Occupations Related Skills	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14154A001	Medical Terminology	1.00	2021	
14255A001	Principles of Biomedical Sciences	3.00	2021	
03053A001	Anatomy & Physiology for Health Sciences	1.00	2021	
14003A001	Medical Law and Ethics	3.00	2021	
14153A001	Medical Office Procedures	3.00	2021	
14254A002	Basic Life Support	3.00	2022	
14202A001	Medical Records Assistant	3.00	2011	2018
14203A001	Unit Coordination	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14203A001	Unit Coordination	3.00	2021	
14002A002	Health Occupations Introductory Skill Development	3.00	2011	2020
14002A003	Health Occupations Advanced Skill Development	3.00	2011	2020
14998A001	Health Occupations Cooperative Education	3.00	2011	2020
14202A001	Medical Records Assistant	3.00	2019	2020
14154A001	Medical Terminology	1.00	2019	2020
14153A001	Medical Office Procedures	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2021	
14059A002	Gerontology	3.00	2021	
14157A001	Health Informatics and Data Management	3.00	2021	
14156A001	Medical Coding and Transcription	3.00	2021	

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Cluster: Health Science

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14198A002	Health Unit Coordinator Workplace Experience	3.00	2021	
14998A002	Health Science Workplace Experience	3.00	2022	
14998A001	Health Occupations Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.0713 - Medical Insurance Coding Specialist/Coder (Non Traditional - Male)

Status: All Start Year: 2019 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2019	
22151A001	Career Exploration	1.00	2021	
14002A001	Health Occupations Related Skills	1.00	2019	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14255A001	Principles of Biomedical Sciences	3.00	2021	
14003A001	Medical Law and Ethics	3.00	2021	
14153A001	Medical Office Procedures	3.00	2021	
03053A001	Anatomy & Physiology for Health Sciences	1.00	2021	
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14154A001	Medical Terminology	1.00	2021	
14254A002	Basic Life Support	3.00	2022	
14202A001	Medical Records Assistant	3.00	2019	2020
14153A001	Medical Office Procedures	3.00	2019	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14202A001	Medical Records Assistant	3.00	2021	
14002A002	Health Occupations Introductory Skill Development	3.00	2019	2020
14002A003	Health Occupations Advanced Skill Development	3.00	2019	2020
14998A001	Health Occupations Cooperative Education	3.00	2019	2020
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2019	2020
14154A001	Medical Terminology	1.00	2019	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2021	
14059A002	Gerontology	3.00	2021	
14157A001	Health Informatics and Data Management	3.00	2021	
14156A001	Medical Coding and Transcription	3.00	2021	

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Cluster: Health Science

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14998A002	Health Science Workplace Experience	3.00	2022	
14198A001	Medical Insurance Coding Workplace Experience	3.00	2021	
14998A001	Health Occupations Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.0801 - Medical/Clinical Assistant. (Non Traditional - Male)

Status: All **Start Year:** 2011 **End Year:**

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2011	
22151A001	Career Exploration	1.00	2021	
14002A001	Health Occupations Related Skills	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14003A001	Medical Law and Ethics	3.00	2021	
14154A001	Medical Terminology	1.00	2021	
14255A001	Principles of Biomedical Sciences	3.00	2021	
03053A001	Anatomy & Physiology for Health Sciences	1.00	2021	
14153A001	Medical Office Procedures	3.00	2021	
14254A002	Basic Life Support	3.00	2022	
14151A001	Medical/Clinical Assisting	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14151A001	Medical/Clinical Assisting	3.00	2021	
14002A002	Health Occupations Introductory Skill Development	3.00	2011	2020
14002A003	Health Occupations Advanced Skill Development	3.00	2011	2020
14998A001	Health Occupations Cooperative Education	3.00	2011	2020
14153A001	Medical Office Procedures	3.00	2011	2020
14154A001	Medical Terminology	1.00	2011	2020
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2019	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2021	
14059A002	Gerontology	3.00	2021	
14157A001	Health Informatics and Data Management	3.00	2021	
14156A001	Medical Coding and Transcription	3.00	2021	

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Cluster: Health Science

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14998A002	Health Science Workplace Experience	3.00	2022	
14148A001	Medical/Clinical Assistant Workplace Experience	3.00	2021	
14998A001	Health Occupations Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.0805 - Pharmacy Technician/Assistant. (Non Traditional - Male)

Status: All **Start Year:** 2011 **End Year:**

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2011	
22151A001	Career Exploration	1.00	2021	
14002A001	Health Occupations Related Skills	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14003A001	Medical Law and Ethics	3.00	2021	
14154A001	Medical Terminology	1.00	2021	
14255A001	Principles of Biomedical Sciences	3.00	2021	
03053A001	Anatomy & Physiology for Health Sciences	1.00	2021	
14254A002	Basic Life Support	3.00	2022	
14253A001	Pharmacology Technician	3.00	2019	2020
14152A001	Pharmacy Assisting	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14152A001	Pharmacy Assisting	3.00	2021	
14253A001	Pharmacology Technician	3.00	2021	
14253A001	Pharmacology Technician	3.00	2011	2018
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2019	2020
14002A002	Health Occupations Introductory Skill Development	3.00	2011	2020
14002A003	Health Occupations Advanced Skill Development	3.00	2011	2020
14154A001	Medical Terminology	1.00	2011	2020
14998A001	Health Occupations Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2021	
14059A002	Gerontology	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14998A002	Health Science Workplace Experience	3.00	2022	
14098A002	Pharmacy Technician Workplace Experience	3.00	2021	
14998A001	Health Occupations Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.0806 - Physical Therapy Technician/Assistant.

Status: All Start Year: 2011 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2011	
14002A001	Health Occupations Related Skills	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14154A001	Medical Terminology	1.00	2021	
14060A001	Physical Therapy Aide	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14060A001	Physical Therapy Aide	3.00	2021	
14154A001	Medical Terminology	1.00	2019	2020
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2019	2020
14002A002	Health Occupations Introductory Skill Development	3.00	2011	2020
14002A003	Health Occupations Advanced Skill Development	3.00	2011	2020
14998A001	Health Occupations Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14998A001	Health Occupations Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.0812 - Respiratory Therapy Technician/Assistant. (Non Traditional - Male)

Status: All **Start Year:** 2011 **End Year:** 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2011	
14002A001	Health Occupations Related Skills	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14154A001	Medical Terminology	1.00	2021	
14061A001	Respiratory Therapy	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14061A001	Respiratory Therapy	3.00	2021	
14154A001	Medical Terminology	1.00	2019	2020
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2019	2020
14002A002	Health Occupations Introductory Skill Development	3.00	2011	2020
14002A003	Health Occupations Advanced Skill Development	3.00	2011	2020
14998A001	Health Occupations Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14998A001	Health Occupations Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.0902 - Electrocardiograph Technology/Technician.

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2011	
22151A001	Career Exploration	1.00	2021	
14002A001	Health Occupations Related Skills	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14003A001	Medical Law and Ethics	3.00	2021	
14154A001	Medical Terminology	1.00	2021	
14255A001	Principles of Biomedical Sciences	3.00	2021	
03053A001	Anatomy & Physiology for Health Sciences	1.00	2021	
14254A002	Basic Life Support	3.00	2022	
14103A001	Electrocardiograph (EKG) Technician	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14103A001	Electrocardiograph (EKG) Technician	3.00	2021	
14002A002	Health Occupations Introductory Skill Development	3.00	2011	2020
14002A003	Health Occupations Advanced Skill Development	3.00	2011	2020
14998A001	Health Occupations Cooperative Education	3.00	2011	2020
14154A001	Medical Terminology	1.00	2019	2020
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2019	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2021	
14059A002	Gerontology	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14998A002	Health Science Workplace Experience	3.00	2022	
14148A002	ECG Workplace Experience	3.00	2021	
14998A001	Health Occupations Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.0904 - Emergency Medical Technology/Technician (EMT Paramedic).

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2011	
22151A001	Career Exploration	1.00	2021	
14002A001	Health Occupations Related Skills	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14003A001	Medical Law and Ethics	3.00	2021	
14154A001	Medical Terminology	1.00	2021	
14253A001	Pharmacology Technician	3.00	2021	
03053A001	Anatomy & Physiology for Health Sciences	1.00	2021	
14254A002	Basic Life Support	3.00	2022	
14055A001	Emergency Medical Technician	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14055A001	Emergency Medical Technician	3.00	2021	
14002A002	Health Occupations Introductory Skill Development	3.00	2011	2020
14002A003	Health Occupations Advanced Skill Development	3.00	2011	2020
14998A001	Health Occupations Cooperative Education	3.00	2011	2020
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2019	2020
14154A001	Medical Terminology	1.00	2015	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2021	
14059A002	Gerontology	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14998A002	Health Science Workplace Experience	3.00	2022	
14148A003	EMT Workplace Experience	3.00	2021	
14998A001	Health Occupations Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.0907 - Medical Radiologic Technology/Science - Radiation Therapist.

Status: All Start Year: 2011 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2011	
14002A001	Health Occupations Related Skills	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14154A001	Medical Terminology	1.00	2021	
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14105A001	Radiological Technology/Technician	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14105A001	Radiological Technology/Technician	3.00	2021	
14002A002	Health Occupations Introductory Skill Development	3.00	2011	2020
14002A003	Health Occupations Advanced Skill Development	3.00	2011	2020
14998A001	Health Occupations Cooperative Education	3.00	2011	2020
14154A001	Medical Terminology	1.00	2019	2020

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14998A001	Health Occupations Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.0909 - Surgical Technology/Technologist. (Non Traditional - Male)

Status: All Start Year: 2011 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2011	
14002A001	Health Occupations Related Skills	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14154A001	Medical Terminology	1.00	2021	
14056A001	Surgical Technology	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14056A001	Surgical Technology	3.00	2021	
14002A002	Health Occupations Introductory Skill Development	3.00	2011	2020
14002A003	Health Occupations Advanced Skill Development	3.00	2011	2020
14998A001	Health Occupations Cooperative Education	3.00	2011	2020
14154A001	Medical Terminology	1.00	2019	2020

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14998A001	Health Occupations Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.0913 - Athletic Training/Trainer.

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2011	
22151A001	Career Exploration	1.00	2021	
14002A001	Health Occupations Related Skills	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14003A001	Medical Law and Ethics	3.00	2021	
14154A001	Medical Terminology	1.00	2021	
14255A001	Principles of Biomedical Sciences	3.00	2021	
03053A001	Anatomy & Physiology for Health Sciences	1.00	2021	
14254A002	Basic Life Support	3.00	2022	
14062A001	Sports Medicine	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14062A001	Sports Medicine	3.00	2021	
14002A002	Health Occupations Introductory Skill Development	3.00	2011	2020
14002A003	Health Occupations Advanced Skill Development	3.00	2011	2020
14998A001	Health Occupations Cooperative Education	3.00	2011	2020
14154A001	Medical Terminology	1.00	2019	2020
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2019	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14998A002	Health Science Workplace Experience	3.00	2022	
14098A003	Athletic Training Workplace Experience	3.00	2021	
14998A001	Health Occupations Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.1004 - Clinical/Medical Laboratory Technician.

Status: All Start Year: 2021 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2021	
22151A001	Career Exploration	1.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14154A001	Medical Terminology	1.00	2021	
14255A001	Principles of Biomedical Sciences	3.00	2021	
14003A001	Medical Law and Ethics	3.00	2021	
03053A001	Anatomy & Physiology for Health Sciences	1.00	2021	
14254A002	Basic Life Support	3.00	2022	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14102A001	Medical Lab Technician	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2021	
14059A002	Gerontology	3.00	2021	
14252A002	Biotechnology	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14998A002	Health Science Workplace Experience	3.00	2022	
14148A004	Medical Laboratory Technician Workplace Experience	3.00	2021	
14998A001	Health Occupations Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.1005 - Clinical Laboratory Science/Medical Technology/Technologist.

Status: All Start Year: 2011 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2011	
14002A001	Health Occupations Related Skills	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14154A001	Medical Terminology	1.00	2021	
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14104A001	Clinical Laboratory Assistant/Phlebotomist	3.00	2011	2018
14102A001	Medical Lab Technician	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14102A001	Medical Lab Technician	3.00	2021	
14002A002	Health Occupations Introductory Skill Development	3.00	2011	2020
14002A003	Health Occupations Advanced Skill Development	3.00	2011	2020
14154A001	Medical Terminology	1.00	2011	2020
14998A001	Health Occupations Cooperative Education	3.00	2011	2020
14104A001	Clinical Laboratory Assistant/Phlebotomist	3.00	2019	2020
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2019	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14998A001	Health Occupations Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.1009 - Phlebotomy Technician/Phlebotomist. (Non Traditional - Male)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2011	
22151A001	Career Exploration	1.00	2021	
14002A001	Health Occupations Related Skills	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14003A001	Medical Law and Ethics	3.00	2021	
14154A001	Medical Terminology	1.00	2021	
14255A001	Principles of Biomedical Sciences	3.00	2021	
03053A001	Anatomy & Physiology for Health Sciences	1.00	2021	
14254A002	Basic Life Support	3.00	2022	
14104A001	Clinical Laboratory Assistant/Phlebotomist	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14104A001	Clinical Laboratory Assistant/Phlebotomist	3.00	2021	
14002A002	Health Occupations Introductory Skill Development	3.00	2011	2020
14154A001	Medical Terminology	1.00	2019	2020
14002A003	Health Occupations Advanced Skill Development	3.00	2011	2020
14998A001	Health Occupations Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2021	
14059A002	Gerontology	3.00	2021	
14252A002	Biotechnology	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14998A002	Health Science Workplace Experience	3.00	2022	
14148A005	Phlebotomy Workplace Experience	3.00	2021	
14998A001	Health Occupations Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.1803 - Ophthalmic Technician/Technologist. (Non Traditional - Male)

Status: All **Start Year:** 2011 **End Year:** 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2011	
14002A001	Health Occupations Related Skills	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14154A001	Medical Terminology	1.00	2021	
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14057A001	Vision Care	3.00	2011	2020
14058A001	Optical Technician Assistant	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14057A001	Vision Care	3.00	2021	
14058A001	Optical Technician Assistant	3.00	2021	
14154A001	Medical Terminology	1.00	2019	2020
14002A002	Health Occupations Introductory Skill Development	3.00	2011	2020
14002A003	Health Occupations Advanced Skill Development	3.00	2011	2020
14998A001	Health Occupations Cooperative Education	3.00	2011	2020

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14998A001	Health Occupations Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.2308 - Physical Therapy/Therapist.

Status: All Start Year: 2011 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2011	
14002A001	Health Occupations Related Skills	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14154A001	Medical Terminology	1.00	2021	
14060A001	Physical Therapy Aide	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14060A001	Physical Therapy Aide	3.00	2021	
14154A001	Medical Terminology	1.00	2019	2020
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2019	2020
14002A002	Health Occupations Introductory Skill Development	3.00	2011	2020
14002A003	Health Occupations Advanced Skill Development	3.00	2011	2020
14998A001	Health Occupations Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14998A001	Health Occupations Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.2602 - Home Health Aide/Home Attendant. (Non Traditional - Male)

Status: All **Start Year:** 2011 **End Year:** 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2011	
14002A001	Health Occupations Related Skills	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14154A001	Medical Terminology	1.00	2021	
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14053A001	Home Health Aide	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14053A001	Home Health Aide	3.00	2021	
14154A001	Medical Terminology	1.00	2019	2020
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2019	2020
14059A001	Geriatric Aide	3.00	2019	2020
14002A002	Health Occupations Introductory Skill Development	3.00	2011	2020
14002A003	Health Occupations Advanced Skill Development	3.00	2011	2020
14998A001	Health Occupations Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2021	
14059A001	Geriatric Aide	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14998A001	Health Occupations Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.2604 - Rehabilitation Aide. (Non Traditional - Male)

Status: All Start Year: 2011 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2011	
14002A001	Health Occupations Related Skills	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14154A001	Medical Terminology	1.00	2021	
14063A003	Rehabilitation Aide	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14063A003	Rehabilitation Aide	3.00	2021	
14154A001	Medical Terminology	1.00	2019	2020
14063A002	Occupational Therapy Aide	3.00	2019	2020
14002A002	Health Occupations Introductory Skill Development	3.00	2011	2020
14002A003	Health Occupations Advanced Skill Development	3.00	2011	2020
14099A001	Survey of Psychiatric Rehabilitation	3.00	2011	2020
14099A002	Psychiatric Rehabilitation Skills	3.00	2011	2020
14099A003	Health and Safety Skills for Psychiatric Rehabilitation	3.00	2011	2020
14099A004	Vocational Rehabilitation and Community Living Skills	3.00	2011	2020
14998A001	Health Occupations Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14063A002	Occupational Therapy Aide	3.00	2021	
14099A004	Vocational Rehabilitation and Community Living Skills	3.00	2021	
14099A003	Health and Safety Skills for Psychiatric Rehabilitation	3.00	2021	
14099A002	Psychiatric Rehabilitation Skills	3.00	2021	
14099A001	Survey of Psychiatric Rehabilitation	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14998A001	Health Occupations Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.2605 - Physical Therapy Technician/Aide.

Status: All Start Year: 2021 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
14001A001	Orientation to Diversified Health Occupations	1.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14154A001	Medical Terminology	1.00	2021	
14255A001	Principles of Biomedical Sciences	3.00	2021	
14003A001	Medical Law and Ethics	3.00	2021	
03053A001	Anatomy & Physiology for Health Sciences	1.00	2021	
14254A002	Basic Life Support	3.00	2022	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14060A001	Physical Therapy Aide	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2021	
14059A002	Gerontology	3.00	2021	
14063A002	Occupational Therapy Aide	3.00	2021	
14063A003	Rehabilitation Aide	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14098A004	Physical Therapy Aide Workplace Experience	3.00	2021	
14998A002	Health Science Workplace Experience	3.00	2022	
14998A001	Health Occupations Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.3901 - Licensed Practical/Vocational Nurse Training. (Non Traditional - Male)

Status: All **Start Year:** 2011 **End Year:** 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2011	
14002A001	Health Occupations Related Skills	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14154A001	Medical Terminology	1.00	2021	
14052A001	Nursing-LPN	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14052A001	Nursing-LPN	3.00	2021	
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2019	2020
14002A002	Health Occupations Introductory Skill Development	3.00	2011	2020
14002A003	Health Occupations Advanced Skill Development	3.00	2011	2020
14998A001	Health Occupations Cooperative Education	3.00	2011	2020
14059A001	Geriatric Aide	3.00	2011	2020
14154A001	Medical Terminology	1.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2021	
14059A001	Geriatric Aide	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14998A001	Health Occupations Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.3902 - Nursing Assistant/Aide and Patient Care Assistant/Aide. (Non Traditional - Male)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2011	
22151A001	Career Exploration	1.00	2021	
14002A001	Health Occupations Related Skills	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14003A001	Medical Law and Ethics	3.00	2021	
14154A001	Medical Terminology	1.00	2021	
14255A001	Principles of Biomedical Sciences	3.00	2021	
03053A001	Anatomy & Physiology for Health Sciences	1.00	2021	
14254A002	Basic Life Support	3.00	2022	
14051A001	Nursing Assistant I	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14051A001	Nursing Assistant I	3.00	2021	
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2019	2020
14059A001	Geriatric Aide	3.00	2011	2020
14002A002	Health Occupations Introductory Skill Development	3.00	2011	2020
14002A003	Health Occupations Advanced Skill Development	3.00	2011	2020
14154A001	Medical Terminology	1.00	2011	2020
14998A001	Health Occupations Cooperative Education	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14253A002	Introduction to Pathophysiology and Pharmacology	3.00	2021	
14059A002	Gerontology	3.00	2021	
14059A001	Geriatric Aide	3.00	2021	
14053A001	Home Health Aide	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14098A005	Nursing Assistant Workplace Experience	3.00	2021	
14998A002	Health Science Workplace Experience	3.00	2022	
14998A001	Health Occupations Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Health Science

CIP: 51.9999 - Health Professions and Related Clinical Sciences, Other.

Status: All Start Year: 2011 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14001A001	Orientation to Diversified Health Occupations	1.00	2011	
14002A001	Health Occupations Related Skills	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14154A001	Medical Terminology	1.00	2021	
14002A002	Health Occupations Introductory Skill Development	3.00	2021	
14059A001	Geriatric Aide	3.00	2011	2020
14063A001	Mortuary Assistant	3.00	2011	2020
14201A001	Central Supply Services	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
14059A001	Geriatric Aide	3.00	2021	
14063A001	Mortuary Assistant	3.00	2021	
14201A001	Central Supply Services	3.00	2021	
14154A001	Medical Terminology	1.00	2019	2020
14002A002	Health Occupations Introductory Skill Development	3.00	2011	2020
14002A003	Health Occupations Advanced Skill Development	3.00	2011	2020
14998A001	Health Occupations Cooperative Education	3.00	2011	2020

CTE - CIP Course Details Catalog

Cluster: Hospitality and Tourism

CIP: 12.0500 - Cooking and Related Culinary Arts, General. (Non Traditional - Female)

Status: All Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
16001A001	Exploration of Hospitality Careers	3.00	2021	
22151A001	Career Exploration	1.00	2021	
16054A001	Nutrition and Culinary Arts I	3.00	2011	2020
16054A002	Nutrition and Culinary Arts II	3.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
16054A001	Nutrition and Culinary Arts I	3.00	2021	
16051A001	Exploration of Restaurant, Food and Beverage Services	3.00	2021	
19251A001	Introduction to Family and Consumer Sciences Careers	3.00	2021	
19259A001	Work and Family Relationships	3.00	2021	
16053A001	Food Service	3.00	2021	
16052A001	Culinary Occupations I	3.00	2011	
16055A001	Culinary Occupations II	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
16055A001	Culinary Occupations II	3.00	2021	
16054A002	Nutrition and Culinary Arts II	3.00	2021	
22203A001	Food Science	1.00	2011	2020
22201A001	Introduction to Family and Consumer Sciences Careers	1.00	2011	2020
22153A002	FCS Cooperative Education	3.00	2011	2020
22153A001	Cooperative Education	3.00	2011	2020
16054A003	Nutrition and Wellness Occupations	3.00	2011	2020

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
16056A001	Culinary Art Specialty	3.00	2021	
19254A001	Food Science	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
16098A001	Restaurant, Food and Beverage Services Workplace Experience	3.00	2021	
16998A001	Hospitality & Tourism Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021
22153A002	FCS Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Hospitality and Tourism

CIP: 19.0601 - Housing and Human Environments, General.

Status: All Start Year: 2021 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
19001A001	Human Services Career Exploration	3.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19251A001	Introduction to Family and Consumer Sciences Careers	3.00	2021	
19201A001	Textiles and Design I	1.00	2021	
19259A001	Work and Family Relationships	3.00	2021	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
05193A001	Interior Design	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19206A002	Home Furnishings Production	3.00	2021	
19206A001	Facilities Planning and Management Services	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
16998A001	Hospitality & Tourism Workplace Experience	3.00	2022	
19248A002	Interior Design Workplace Experience	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Hospitality and Tourism

CIP: 19.0604 - Facilities Planning and Management. (Non Traditional - Male)

Status: All Start Year: 2011 End Year: 2021

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19201A001	Textiles and Design I	1.00	2011	2020
19203A001	Textiles and Design II	1.00	2011	2020

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19201A001	Textiles and Design I	1.00	2021	
19251A001	Introduction to Family and Consumer Sciences Careers	3.00	2021	
16054A001	Nutrition and Culinary Arts I	3.00	2021	
19206A001	Facilities Planning and Management Services	3.00	2011	2020
22211A001	Interior Design: Residential, Commercial, and Public Space	3.00	2011	2020

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19206A001	Facilities Planning and Management Services	3.00	2021	
05193A001	Interior Design	3.00	2021	
22153A002	FCS Cooperative Education	3.00	2011	2020
22153A001	Cooperative Education	3.00	2011	2020
22201A001	Introduction to Family and Consumer Sciences Careers	1.00	2011	2020
16054A001	Nutrition and Culinary Arts I	3.00	2011	2020

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22153A002	FCS Cooperative Education	3.00	2021	
22153A001	Cooperative Education	3.00	2021	

CTE - CIP Course Details Catalog

Cluster: Hospitality and Tourism

CIP: 31.0301 - Parks, Recreation, and Leisure Facilities Management.

Status: All Start Year: 2021 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
16001A001	Exploration of Hospitality Careers	3.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
16201A001	Exploration of Recreation, Amusement and Attractions	1.00	2021	
12051A001	Introductory Business	1.00	2021	
19259A001	Work and Family Relationships	3.00	2021	
19251A001	Introduction to Family and Consumer Sciences Careers	3.00	2021	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
16202A001	Recreation, Amusement and Attractions	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
16204A001	Recreation, Amusement, and Attractions Management	3.00	2021	
16103A001	Facilities Planning and Management Services	3.00	2021	
12159A001	Hospitality & Tourism Marketing	3.00	2021	
12162A001	Social Media Marketing	1.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
16998A001	Hospitality & Tourism Workplace Experience	3.00	2022	
16248A001	Recreation, Amusement and Attractions Workplace Experience	3.00	2021	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Hospitality and Tourism

CIP: 52.0903 - Tourism and Travel Services Management

Status: All Start Year: 2021 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
16001A001	Exploration of Hospitality Careers	3.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
16151A001	Introduction to Travel and Tourism	3.00	2021	
12051A001	Introductory Business	1.00	2021	
19259A001	Work and Family Relationships	3.00	2021	
19251A001	Introduction to Family and Consumer Sciences Careers	3.00	2021	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
16152A001	Travel and Tourism	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12162A001	Social Media Marketing	1.00	2021	
12159A001	Hospitality & Tourism Marketing	3.00	2021	
16153A001	World Travel and Tourism	3.00	2021	
16154A001	Eco-tourism	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
16198A001	Travel and Tourism Workplace Experience	3.00	2021	
16998A001	Hospitality & Tourism Workplace Experience	3.00	2022	
22153A001	Cooperative Education	3.00	2021	2021

CTE - CIP Course Details Catalog

Cluster: Hospitality and Tourism

CIP: 52.0904 - Hotel/Motel Management.

Status: All Start Year: 2021 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
22151A001	Career Exploration	1.00	2021	
16001A001	Exploration of Hospitality Careers	3.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12051A001	Introductory Business	1.00	2021	
16101A001	Exploration of Lodging Careers	3.00	2021	
19259A001	Work and Family Relationships	3.00	2021	
19251A001	Introduction to Family and Consumer Sciences Careers	3.00	2021	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
16102A001	Lodging Occupations	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12055A002	Business Principles and Management	3.00	2021	
12162A001	Social Media Marketing	1.00	2021	
12159A001	Hospitality & Tourism Marketing	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
16998A001	Hospitality & Tourism Workplace Experience	3.00	2022	
16148A001	Lodging Workplace Experience	3.00	2021	
22153A001	Cooperative Education	3.00	2021	2021