

# CTE - CIP Course Details Catalog

## Cluster: Agriculture, Food and Natural Resources

### CIP: 01.0000 - Agriculture, General.

Status: Open 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
18001A002	Exploring Food & Agriculture	1.00	2023	
18001A003	Principles of AFNR	1.00	2023	
18001A004	STEM In AFNR	1.00	2023	
22151A001	Career Exploration	1.00	2021	
68003A001	Exploratory Agricultural Science	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
18003A001	Basic Agricultural Science	1.00	2021	
18001A001	Introduction to the Agricultural Industry	1.00	2021	
18004A001	Agricultural Biology	1.00	2023	
18999A001	Foundational Supervised Agricultural Experience (SAE)	3.00	2022	
18308A003	Basic Biotechnology	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
18308A002	Agricultural and Biological Engineering (ABE)	3.00	2022	
18308A001	Agricultural Biotechnology	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	
18109A001	Integrated Pest Management	3.00	2021	
18997A001	Agricultural Biotechnology Systems Independent Study	3.00	2021	
18310A001	Sustainable Agriculture	3.00	2021	
18055A001	Soil Science	3.00	2021	
21014A001	Biotechnical Engineering	3.00	2022	
18307A002	Current Issues in Agriculture, Food & Natural Resources	3.00	2023	
18999A003	Drone Operation and Maintenance	3.00	2023	

#### 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
18998A006	GAST Workplace Experience	3.00	2023	
18998A003	Agriculture, Food & Natural Resources Workplace Experience	3.00	2022	
18997A003	Biotechnology Systems Workplace Experience	3.00	2021	

## CTE - CIP Course Details Catalog

### Cluster: Agriculture, Food and Natural Resources

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

Status: Open    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	1.00	2021	
18001A002	Exploring Food & Agriculture	1.00	2023	
18001A003	Principles of AFNR	1.00	2023	
18001A004	STEM In AFNR	1.00	2023	

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

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18999A002	Applied Mathematics in Agriculture (AMA)	1.00	2023	
18999A001	Foundational Supervised Agricultural Experience (SAE)	3.00	2022	
18201A002	Basic Agricultural Business	3.00	2022	
18001A001	Introduction to the Agricultural Industry	1.00	2021	
18003A001	Basic Agricultural Science	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
18201A001	Agricultural Business Management	3.00	2021	
18202A001	Agricultural Sales and Marketing	3.00	2021	
18202A002	Agricultural Entrepreneurship	3.00	2022	
18204A001	Agricultural Economics	3.00	2022	
18204A002	Global Agriculture	3.00	2022	
18203A002	Agricultural Communications	3.00	2022	

#### 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
18307A001	Agricultural Government	3.00	2022	
18307A002	Current Issues in Agriculture, Food & Natural Resources	3.00	2023	
18204A003	Agricultural Finance & Accounting	3.00	2023	
18204A004	Agricultural Operations & Supply Management	3.00	2023	
18204A005	Agritourism Management	3.00	2023	
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	

## CTE - CIP Course Details Catalog

### Cluster: Agriculture, Food and Natural Resources

**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	
18998A006	GAST Workplace Experience	3.00	2023	
18998A003	Agriculture, Food & Natural Resources Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Agriculture, Food and Natural Resources

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

**Status:** Open    **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	
18001A004	STEM In AFNR	1.00	2023	
18001A003	Principles of AFNR	1.00	2023	
18001A002	Exploring Food & Agriculture	1.00	2023	

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

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18999A002	Applied Mathematics in Agriculture (AMA)	1.00	2023	
18003A001	Basic Agricultural Science	1.00	2021	
18001A001	Introduction to the Agricultural Industry	1.00	2021	
18401A001	Basic Agricultural Mechanics	1.00	2021	
18449A002	Basic Physical Science Applications in Agriculture	3.00	2021	
18999A001	Foundational Supervised Agricultural Experience (SAE)	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
18405A002	Agricultural Engineering	3.00	2022	
18405A003	Agricultural Engine Maintenance	3.00	2022	
18405A005	Agricultural Electrical Systems	3.00	2022	
18404A001	Agriculture Welding	3.00	2021	
18402A001	Advanced Agricultural Mechanics	3.00	2021	
18403A001	Agricultural Construction	3.00	2021	
18401A002	Agricultural Metal Fabrication	3.00	2021	

## CTE - CIP Course Details Catalog

### 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
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	Advanced Physical Science Applications in Agriculture	3.00	2021	
18449A001	Agricultural Machinery Service	3.00	2021	
18405A001	Precision Agriculture	3.00	2021	
18307A002	Current Issues in Agriculture, Food & Natural Resources	3.00	2023	
18999A003	Drone Operation and Maintenance	3.00	2023	
18403A003	Advanced AMA— Structures	3.00	2023	
18403A002	Advanced Agricultural Construction	3.00	2023	
18404A002	Advanced Agricultural Welding	3.00	2022	
18405A004	Advanced Agricultural Engine Maintenance	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
18998A003	Agriculture, Food & Natural Resources Workplace Experience	3.00	2022	
18998A006	GAST Workplace Experience	3.00	2023	
18448A001	Power, Structural and Technical Systems Workplace Experience	3.00	2021	

## CTE - CIP Course Details Catalog

### Cluster: Agriculture, Food and Natural Resources

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

Status: Open    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	1.00	2021	
18001A002	Exploring Food & Agriculture	1.00	2023	
18001A003	Principles of AFNR	1.00	2023	

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

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
18004A001	Agricultural Biology	1.00	2023	
18999A001	Foundational Supervised Agricultural Experience (SAE)	3.00	2022	
18302A001	Basic Food Processing	3.00	2022	
18003A001	Basic Agricultural Science	1.00	2021	
18001A001	Introduction to the Agricultural Industry	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
18305A001	Food Science	3.00	2021	
18309A002	Community Food Production	3.00	2022	
18304A001	Animal Processing	3.00	2021	
18303A001	Plant Processing	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
18307A002	Current Issues in Agriculture, Food & Natural Resources	3.00	2023	
18307A002	Current Issues in Agriculture, Food & Natural Resources	3.00	2023	
18999A003	Drone Operation and Maintenance	3.00	2023	
18305A002	Food Manufacturing & Management	3.00	2023	
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	

## CTE - CIP Course Details Catalog

### Cluster: Agriculture, Food and Natural Resources

**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	
18998A006	GAST Workplace Experience	3.00	2023	
18998A003	Agriculture, Food & Natural Resources Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Agriculture, Food and Natural Resources

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

**Status:** Open    **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
18001A002	Exploring Food & Agriculture	1.00	2023	
18001A003	Principles of AFNR	1.00	2023	
18001A004	STEM In AFNR	1.00	2023	
68003A001	Exploratory Agricultural Science	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
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	
18004A001	Agricultural Biology	1.00	2023	
18999A001	Foundational Supervised Agricultural Experience (SAE)	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
18054A002	Landscape Design & 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	
18054A004	Landscape Construction & Maintenance	3.00	2023	
18309A001	Urban Agriculture	3.00	2021	
18051A003	Crop Science	3.00	2021	
18051A001	Horticultural Production & Management	3.00	2021	
18053A001	Greenhouse Production	3.00	2021	



## CTE - CIP Course Details Catalog

### 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
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	
18056A001	Floral Design & Marketing	3.00	2021	
18307A002	Current Issues in Agriculture, Food & Natural Resources	3.00	2023	
18999A003	Drone Operation and Maintenance	3.00	2023	
18054A003	Turfgrass and Sports Field Management	3.00	2022	
18109A001	Integrated Pest Management	3.00	2022	
18056A002	Specialty Crop Production	3.00	2022	
18056A003	Fruit and Vegetable Production	3.00	2024	
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
18098A001	Plant Systems Workplace Experience	3.00	2021	
18998A003	Agriculture, Food & Natural Resources Workplace Experience	3.00	2022	
18998A006	GAST Workplace Experience	3.00	2023	

## CTE - CIP Course Details Catalog

### Cluster: Agriculture, Food and Natural Resources

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

**Status:** Open   **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
18001A002	Exploring Food & Agriculture	1.00	2023	
18001A003	Principles of AFNR	1.00	2023	
18001A004	STEM In AFNR	1.00	2023	
22151A001	Career Exploration	1.00	2021	
68003A001	Exploratory Agricultural Science	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
18003A001	Basic Agricultural Science	1.00	2021	
18001A001	Introduction to the Agricultural Industry	1.00	2021	
18101A003	Basic Animal Science	3.00	2021	
18101A001	Basic Biological Science Applications in Agriculture - Animals	3.00	2021	
18004A001	Agricultural Biology	1.00	2023	
18999A001	Foundational Supervised Agricultural Experience (SAE)	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
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	

## CTE - CIP Course Details Catalog

### 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
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	
18147A001	Animal Systems Independent Study	3.00	2021	
18107A001	Animal Nutrition	3.00	2021	
18108A001	Animal Genetics	3.00	2021	
18999A003	Drone Operation and Maintenance	3.00	2023	
18307A002	Current Issues in Agriculture, Food & Natural Resources	3.00	2023	
18105A003	Advanced Veterinary Science	3.00	2023	

#### 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
18998A006	GAST Workplace Experience	3.00	2023	
18998A003	Agriculture, Food & Natural Resources Workplace Experience	3.00	2022	
18148A001	Animal Systems Workplace Experience	3.00	2021	

## CTE - CIP Course Details Catalog

### Cluster: Agriculture, Food and Natural Resources

#### CIP: 03.0101 - Natural Resources/Conservation, General.

Status: Open    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
18001A002	Exploring Food & Agriculture	1.00	2023	
18001A003	Principles of AFNR	1.00	2023	
18001A004	STEM In AFNR	1.00	2023	
22151A001	Career Exploration	1.00	2021	
68003A001	Exploratory Agricultural Science	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
18003A001	Basic Agricultural Science	1.00	2021	
18001A001	Introduction to the Agricultural Industry	1.00	2021	
18504A003	Basic Natural Resource Management	3.00	2021	
18004A001	Agricultural Biology	1.00	2023	
18999A001	Foundational Supervised Agricultural Experience (SAE)	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
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	

#### 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	
18307A002	Current Issues in Agriculture, Food & Natural Resources	3.00	2023	
18999A003	Drone Operation and Maintenance	3.00	2023	
18502A002	Outdoor Park & Recreational Management	3.00	2023	
18055A001	Soil Science	3.00	2021	
18306A001	Aquacultural Science	3.00	2021	

## CTE - CIP Course Details Catalog

### Cluster: Agriculture, Food and Natural Resources

**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
18998A006	GAST Workplace Experience	3.00	2023	
18998A003	Agriculture, Food & Natural Resources Workplace Experience	3.00	2022	
18548A001	Natural Resources Systems Workplace Experience	3.00	2021	

## CTE - CIP Course Details Catalog

### Cluster: Agriculture, Food and Natural Resources

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

**Status:** Open    **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	1.00	2021	
18001A002	Exploring Food & Agriculture	1.00	2023	
18001A003	Principles of AFNR	1.00	2023	
18001A004	STEM In AFNR	1.00	2023	

#### 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	Basic Physical Science Applications in Agriculture	3.00	2021	
18004A001	Agricultural Biology	1.00	2023	
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	

## CTE - CIP Course Details Catalog

### 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
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	
18449A003	Advanced Physical Science Applications in Agriculture	3.00	2021	
18405A001	Precision Agriculture	3.00	2021	
18307A002	Current Issues in Agriculture, Food & Natural Resources	3.00	2023	
18999A003	Drone Operation and Maintenance	3.00	2023	
18504A005	Advanced Environmental Science & Issues	3.00	2023	
18502A002	Outdoor Park & Recreational Management	3.00	2023	

#### 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
18998A003	Agriculture, Food & Natural Resources Workplace Experience	3.00	2022	
18997A004	Environmental Services Systems Workplace Experience	3.00	2021	
18998A006	GAST Workplace Experience	3.00	2023	

## CTE - CIP Course Details Catalog

### Cluster: Human Services

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

**Status:** Open   **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	

#### 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	



## CTE - CIP Course Details Catalog

### Cluster: Human Services

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

**Status:** Open   **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	

#### 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	

## CTE - CIP Course Details Catalog

### Cluster: Human Services

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

**Status:** Open   **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	

## CTE - CIP Course Details Catalog

### Cluster: Human Services

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

**Status:** Open    **Start Year:** 2013    **End Year:** 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	
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	

#### 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	

#### 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:** Open   **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
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	

#### 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	

#### 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	

## CTE - CIP Course Details Catalog

### Cluster: Human Services

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

**Status:** Open   **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
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	

#### 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	

#### 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	
14059A002	Gerontology	3.00	2024	

#### 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
19998A003	Human Services Workplace Experience	3.00	2022	
19098A001	Elder Care Workplace Experience	3.00	2021	

## CTE - CIP Course Details Catalog

### Cluster: Human Services

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

**Status:** Open    **Start Year:** 2011    **End Year:** 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
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	
19053A001	Human Development and Family Wellness	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
19055A001	Care and Learning Services 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
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:** Open    **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
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	

#### 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	

# CTE - CIP Course Details Catalog

## Cluster: Human Services

### CIP: 19.1001 - Work and Family Studies.

Status: Open 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
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	

#### 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	

#### 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
19299A001	Family and Consumer Sciences Communications	3.00	2021	
15202A001	Community Protection	3.00	2021	
19262A001	Consumer Economics/Personal Finance	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
19298A001	Work and Family Studies Workplace Experience	3.00	2021	
19998A003	Human Services Workplace Experience	3.00	2022	



# CTE - CIP Course Details Catalog

## Cluster: Human Services

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

**Status:** Open **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	
14059A002	Gerontology	3.00	2024	

### 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
19998A003	Human Services Workplace Experience	3.00	2022	
19998A001	Social Work Workplace Experience	3.00	2021	

## CTE - CIP Course Details Catalog

### Cluster: Information Technology

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

**Status:** Open   **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
10152A002	Computer Operations and Programming II	3.00	2021	
10154A001	C++ Programming	3.00	2021	
10155A001	Java Programming	3.00	2021	
10160A001	Artificial Intelligence	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	

## CTE - CIP Course Details Catalog

### Cluster: Information Technology

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

Status: Open    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	

##### 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	

##### 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
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:** Open   **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	
10019A001	AP Computer Science Principles (CTE)	3.00	2023	

#### 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
10051A001	Information Management	3.00	2021	
10052A001	Database Management and Data Warehousing	3.00	2021	
10301A001	Computer Forensics	3.00	2021	
10053A001	Database 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
10998A001	Computer Science Workplace Experience	3.00	2021	
10998A002	Information Technology Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Information Technology

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

Status: Open    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	
22151A001	Career Exploration	1.00	2021	
10001A001	Introduction to Computer Technology	1.00	2021	
12005A001	Keyboarding and Formatting	0.50	2011	

#### 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
10201A001	Web Page and Interactive Media Development 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
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	
10206A001	Mobile Applications	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
10998A002	Information Technology Workplace Experience	3.00	2022	
10248A001	Web Page and Media Design Workplace Experience	3.00	2021	

## CTE - CIP Course Details Catalog

### Cluster: Information Technology

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

**Status:** Open   **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	
10001A001	Introduction to Computer Technology	1.00	2021	
22151A001	Career Exploration	1.00	2021	
12005A001	Keyboarding and Formatting	0.50	2011	

#### 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	

#### 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	

#### 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	

## CTE - CIP Course Details Catalog

### Cluster: Law, Public Safety, Corrections and Security

#### CIP: 22.0001 - Pre-Law Studies.

Status: Open    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	

#### 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	

#### 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	
04163A001	Consumer Law	3.00	2021	
15053A001	Criminology	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	
22153A001	Cooperative Education	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:** Open    **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
04162A001	Law Studies	3.00	2021	
04166A001	Paralegal Studies	3.00	2021	
04165A001	Legal System	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
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	
15053A001	Criminology	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	



## CTE - CIP Course Details Catalog

### Cluster: Law, Public Safety, Corrections and Security

#### CIP: 22.0303 - Court Reporting and Captioning/Court Reporter

Status: Open    Start Year: 2022    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
15001A001	Exploration of Public Service Careers	3.00	2022	
22151A001	Career Exploration	1.00	2022	

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

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
04166A003	Introduction to Stenography and Machine Shorthand Theory	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
04166A002	Court Reporting & Stenography	1.00	2022	

##### 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
04166A004	Court Reporting and Stenography Speedbuilding Lab	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
04198A002	Court Reporting and Captioning Workplace Experience	3.00	2022	
15998A001	Law, Public Safety, Corrections & Security Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Law, Public Safety, Corrections and Security

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

**Status:** Open   **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	

#### 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	

#### 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
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	

#### 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	

## CTE - CIP Course Details Catalog

### Cluster: Law, Public Safety, Corrections and Security

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

**Status:** Open    **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	

#### 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
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	
15053A001	Criminology	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	

## CTE - CIP Course Details Catalog

### Cluster: Law, Public Safety, Corrections and Security

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

**Status:** Open   **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	

#### 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	

#### 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: Open 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
19248A001	Apparel and Textiles Workplace Experience	3.00	2021	
13998A002	Manufacturing Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Manufacturing

#### CIP: 19.0902 - Apparel and Textile Manufacture.

Status: Open    Start Year: 2011    End Year: 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
19201A001	Textiles and Design I	1.00	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
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	

#### 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
19248A001	Apparel and Textiles Workplace Experience	3.00	2021	
22153A001	Cooperative Education	3.00	2021	
22153A002	FCS Cooperative Education	3.00	2021	

## CTE - CIP Course Details Catalog

### Cluster: Manufacturing

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

**Status:** Open    **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	
10001A001	Introduction to Computer Technology	1.00	2022	
10008A001	Digital Literacy	1.00	2022	
12005A001	Keyboarding and Formatting	0.50	2022	
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
21052A001	Foundations of Technology	1.00	2021	
13004A001	Occupational Safety	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
10252A001	Computer Maintenance 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
10252A002	Computer Maintenance II	3.00	2021	
21008A001	Digital Electronics	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
13348A001	Computer Installation and Repair Workplace Experience	3.00	2021	
13998A002	Manufacturing Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Manufacturing

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

**Status:** Open    **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	2018	
20101A001	Energy Utilization Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
13052A001	Production Technology	1.00	2011	
13001A001	Exploration of Manufacturing Occupations	3.00	2021	
22151A001	Career Exploration	1.00	2021	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	

#### 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	Occupational 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
17104A001	Industrial Electronics I	3.00	2021	
13302A001	Industrial Maintenance 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
13102A001	Mechatronics	3.00	2021	
21008A001	Digital Electronics	3.00	2021	
21061A001	Wind Turbine Mechanics and Service	3.00	2021	
17104A002	Industrial Electronics II	3.00	2021	
13302A002	Industrial Maintenance 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
13998A001	Industrial Electronics Workplace Experience	3.00	2021	
13998A002	Manufacturing Workplace Experience	3.00	2022	



## CTE - CIP Course Details Catalog

### Cluster: Manufacturing

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

Status: Open    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	
13052A001	Production Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	
20001A001	Transportation Technology	1.00	2018	

##### 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	
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
13302A001	Industrial Maintenance 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
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:** Open   **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	2018	
20101A001	Energy Utilization Technology	1.00	2018	
20001A001	Transportation 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	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	

#### 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	Occupational Safety	1.00	2021	
20102A001	Energy and Power of Transportation Systems	3.00	2021	
21052A001	Foundations of Technology	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
20152A001	Warehouse Operations I	3.00	2021	
20151A001	Distribution and Logistics	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
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	

## CTE - CIP Course Details Catalog

### Cluster: Manufacturing

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

Status: Open    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	2018	
13052A001	Production Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	
13001A001	Exploration of Manufacturing Occupations	3.00	2021	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
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
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	Occupational Safety	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
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	

#### 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	

## CTE - CIP Course Details Catalog

### Cluster: Manufacturing

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

Status: Open    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	
13001A001	Exploration of Manufacturing Occupations	3.00	2021	
13052A001	Production Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	
22151A001	Career Exploration	1.00	2021	
20001A001	Transportation Technology	1.00	2018	

#### 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	Occupational Safety	1.00	2021	
21052A001	Foundations of Technology	1.00	2021	
21108A001	Blueprint Reading	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
13205A001	Sheet Metal Technology 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
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
13248A001	Sheet-working Workplace Experience	3.00	2021	
13998A002	Manufacturing Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Manufacturing

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

**Status:** Open   **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	
20001A001	Transportation Technology	1.00	2016	
22151A001	Career Exploration	1.00	2021	
13052A001	Production Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	

#### 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	Occupational Safety	1.00	2021	
13207A003	Beginning Welding	1.00	2021	
21108A001	Blueprint Reading	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
13207A001	Welding Technology 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
13207A002	Welding 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
13248A002	Welding Workplace Experience	3.00	2021	
13998A002	Manufacturing Workplace Experience	3.00	2022	

# CTE - CIP Course Details Catalog

## Cluster: Manufacturing

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

Status: Open 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	
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	

### 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	

### 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	

### 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:** Open   **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	
22151A001	Career Exploration	1.00	2021	
20001A001	Transportation Technology	1.00	2018	
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	

#### 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	Occupational Safety	1.00	2021	
21108A001	Blueprint Reading	3.00	2021	
17007A003	Beginning Cabinetmaking	1.00	2021	
17017A002	Geometry in Construction	3.00	2023	

#### 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	

#### 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	

## CTE - CIP Course Details Catalog

### Cluster: Marketing

#### CIP: 19.0905 - Apparel and Textile Marketing Management.

Status: Open    Start Year: 2011    End Year: 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
19204A001	Fashion, Apparel, and Textile Services Occupations	3.00	2021	
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	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
19204A002	Textile and Design Occupations	3.00	2011	
19203A001	Textiles and Design II	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
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
19248A001	Apparel and Textiles Workplace Experience	3.00	2021	
22153A001	Cooperative Education	3.00	2021	
22153A002	FCS Cooperative Education	3.00	2021	



## CTE - CIP Course Details Catalog

### Cluster: Marketing

**CIP: 52.1401 - Marketing/Marketing Management, General.**

**Status:** Open   **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	
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	

# CTE - CIP Course Details Catalog

## Cluster: Marketing

### CIP: 52.1501 - Real Estate

Status: Open Start Year: 2022 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	2022	
12001A001	Business and Technology Concepts	1.00	2022	
12007A001	Recordkeeping	1.00	2022	

#### 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	2022	
12167A001	Product-Oriented Marketing	3.00	2022	
12167A002	Service-Oriented Marketing	3.00	2022	
12202A001	Principles of Selling	3.00	2022	
10004A001	Computer Concepts and Software Applications	1.00	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
12154A001	Real Estate	3.00	2022	

#### 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	2022	
12054A001	Business Law	3.00	2022	
12060A001	Business Ethics	3.00	2022	
12105A001	Business Economics	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
12198A002	Marketing Cluster Workplace Experience	3.00	2022	
12198A001	Marketing Workplace Experience	3.00	2022	
12198A003	Real Estate Workplace Experience	3.00	2023	

## CTE - CIP Course Details Catalog

### Cluster: Marketing

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

Status: Open    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	

#### 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	
12167A001	Product-Oriented Marketing	3.00	2021	
10004A001	Computer Concepts and Software Applications	1.00	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	

#### 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:** Open    **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	
22151A001	Career Exploration	1.00	2021	
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	

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

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21006A001	Introduction to Engineering Design	3.00	2021	
21052A001	Foundations of Technology	1.00	2021	
13004A001	Occupational Safety	1.00	2021	
21108A001	Blueprint Reading	3.00	2021	
17017A002	Geometry in Construction	3.00	2024	
21102A002	Beginning Drafting	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
21001A001	Principles of Technology I	3.00	2021	
21004A001	Principles of Engineering	3.00	2021	
21054A001	Technological Design and Innovation	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
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	

## CTE - CIP Course Details Catalog

### Cluster: Science, Technology, Engineering and Mathematics

**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
21998A001	Science, Technology, Engineering & Mathematics Workplace Experience	3.00	2022	
21048A001	Engineering Workplace Experience	3.00	2021	

## CTE - CIP Course Details Catalog

### Cluster: Science, Technology, Engineering and Mathematics

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

Status: Open    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	Occupational 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
21006A002	Engineering Design	3.00	2021	
21061A001	Wind Turbine Mechanics and Service	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	
21008A001	Digital Electronics	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
21998A001	Science, Technology, Engineering & Mathematics Workplace Experience	3.00	2022	
21098A001	Energy Systems Technology Workplace Experience	3.00	2021	
22153A001	Cooperative Education	3.00	2021	

## CTE - CIP Course Details Catalog

### Cluster: Science, Technology, Engineering and Mathematics

**CIP: 15.1703 - Solar Energy Technology/Technician (Non Traditional - Female)**

**Status:** Open   **Start Year:** 2025   **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	2025	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2025	
20101A001	Energy Utilization Technology	1.00	2025	

#### 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	2025	
13004A001	Occupational Safety	1.00	2025	
17109A001	Introduction to Renewable Energies	3.00	2025	
17105A001	Introduction to Solar Energy	3.00	2025	
17102A005	Beginning Electricity	1.00	2025	
21108A001	Blueprint Reading	3.00	2025	

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

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17105A002	Solar Energy Systems	3.00	2025	
17102A006	Photovoltaic System Application I	3.00	2025	

#### 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
17102A007	Photovoltaic System Application II	3.00	2025	
21054A004	Technology, Society and Sustainability	3.00	2025	
21053A001	Emerging Technologies	3.00	2025	
21008A001	Digital Electronics	3.00	2025	
21009A001	Robotics	3.00	2025	

#### 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
21098A002	Energy Workplace Experience	3.00	2025	
21098A003	Solar Energy Workplace Experience	3.00	2025	
22151A003	Secondary Transitional Experience Program (CTE)	12.00	2025	

## CTE - CIP Course Details Catalog

### Cluster: Science, Technology, Engineering and Mathematics

**CIP: 15.1704 - Wind Energy Technology/Technician (Non Traditional - Female)**

**Status:** Open   **Start Year:** 2025   **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	2025	
20101A001	Energy Utilization Technology	1.00	2025	
22151A001	Career Exploration	1.00	2025	

#### 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	2025	
21108A001	Blueprint Reading	3.00	2025	
21060A001	Introduction to Wind Energy	3.00	2025	
17102A005	Beginning Electricity	1.00	2025	
17109A001	Introduction to Renewable Energies	3.00	2025	
13004A001	Occupational Safety	1.00	2025	

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

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
21061A001	Wind Turbine Mechanics and Service	3.00	2025	

#### 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
21054A004	Technology, Society and Sustainability	3.00	2025	
21053A001	Emerging Technologies	3.00	2025	
21008A001	Digital Electronics	3.00	2025	
21009A001	Robotics	3.00	2025	

#### 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
22151A003	Secondary Transitional Experience Program (CTE)	12.00	2025	
21098A004	Wind Energy Workplace Experience	3.00	2025	
21098A002	Energy Workplace Experience	3.00	2025	



## CTE - CIP Course Details Catalog

### Cluster: Transportation, Distribution, and Logistics

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

**Status:** Open    **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	
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	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
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	Occupational 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
20116A001	Auto-Body 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
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	

## CTE - CIP Course Details Catalog

### Cluster: Transportation, Distribution, and Logistics

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

**Status:** Open    **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	
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	
20001A002	Exploration of Transportation, Distribution and Logistics	3.00	2021	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	

#### 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	Occupational 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	

#### 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	

#### 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
20998A002	Transportation, Distribution & Logistics Workplace Experience	3.00	2022	
20148A002	Automotive Technician Workplace Experience	3.00	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:** Open   **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	2011	
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	

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

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20110A001	Small Engine Repair	3.00	2011	
21052A001	Foundations of Technology	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
20110A002	Small Engine Repair 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: Transportation, Distribution, and Logistics

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

**Status:** Open   **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	
22151A001	Career Exploration	1.00	2021	
20001A002	Exploration of Transportation, Distribution and Logistics	3.00	2021	
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	

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

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
20053A003	Introduction to Aviation	3.00	2023	
21052A001	Foundations of Technology	1.00	2021	
13004A001	Occupational Safety	1.00	2021	
20102A001	Energy and Power of Transportation Systems	3.00	2021	
20110A001	Small Engine Repair	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
20113A001	Aircraft Technician 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
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	

## CTE - CIP Course Details Catalog

### Cluster: Transportation, Distribution, and Logistics

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

**Status:** Open    **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	
22151A001	Career Exploration	1.00	2021	
20001A002	Exploration of Transportation, Distribution and Logistics	3.00	2021	
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	

#### 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	Occupational Safety	1.00	2021	
20053A003	Introduction to Aviation	3.00	2023	
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
20053A001	Aviation/Pilot 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
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	

## 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:** Open    **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	Occupational 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	

## CTE - CIP Course Details Catalog

### Cluster: Transportation, Distribution, and Logistics

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

**Status:** Open    **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	Occupational 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	

## CTE - CIP Course Details Catalog

### Cluster: Architecture and Construction

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

Status: Open    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	
22151A001	Career Exploration	1.00	2021	
20001A001	Transportation Technology	1.00	2018	
20101A001	Energy Utilization Technology	1.00	2018	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	

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

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17017A002	Geometry in Construction	3.00	2024	
10004A001	Computer Concepts and Software Applications	1.00	2022	
13004A001	Occupational 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	

#### 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	

#### 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	



# CTE - CIP Course Details Catalog

## Cluster: Architecture and Construction

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

Status: Open 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	2018	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
22151A001	Career Exploration	1.00	2021	
13052A001	Production Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
20001A001	Transportation Technology	1.00	2011	

### 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	Occupational Safety	1.00	2021	
13207A003	Beginning Welding	1.00	2021	
17102A005	Beginning Electricity	1.00	2021	
21102A002	Beginning Drafting	1.00	2021	
17017A002	Geometry in Construction	3.00	2024	

### 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	

### 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	

## CTE - CIP Course Details Catalog

### Cluster: Architecture and Construction

**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	

## CTE - CIP Course Details Catalog

### Cluster: Architecture and Construction

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

**Status:** Open   **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	
20001A001	Transportation Technology	1.00	2018	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	

#### 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	

#### 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	

#### 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:** Open   **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	2018	
22151A001	Career Exploration	1.00	2021	
20101A001	Energy Utilization Technology	1.00	2011	
13052A001	Production Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	

#### 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	Occupational Safety	1.00	2021	
17102A005	Beginning Electricity	1.00	2021	
21102A002	Beginning Drafting	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
17102A001	Electrical Systems I	3.00	2021	
17102A003	Electrical Trades 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
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	

# CTE - CIP Course Details Catalog

## Cluster: Architecture and Construction

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

Status: Open 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	
22151A001	Career Exploration	1.00	2021	
20001A001	Transportation Technology	1.00	2018	
13052A001	Production Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	

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

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
17017A002	Geometry in Construction	3.00	2024	
21052A001	Foundations of Technology	1.00	2021	
13004A001	Occupational Safety	1.00	2021	
17001A001	Beginning Construction	1.00	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
17009A001	Building Maintenance 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
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	

## CTE - CIP Course Details Catalog

### Cluster: Architecture and Construction

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

**Status:** Open   **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	
13052A001	Production Technology	1.00	2011	
11002A001	Communication Technology	1.00	2011	
20101A001	Energy Utilization Technology	1.00	2011	

#### 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	

#### 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	

#### 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 -**

**Status:** Open    **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	
20001A001	Transportation Technology	1.00	2018	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	
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
21052A001	Foundations of Technology	1.00	2021	
13004A001	Occupational Safety	1.00	2021	
21102A002	Beginning Drafting	1.00	2021	
13207A003	Beginning Welding	1.00	2021	
13203A007	Beginning Machining	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
17056A001	HVAC 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
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	

## CTE - CIP Course Details Catalog

### Cluster: Architecture and Construction

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

**Status:** Open   **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	
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	

#### 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	Occupational Safety	1.00	2021	
13207A003	Beginning Welding	1.00	2021	
20106A001	Beginning Automotive Services	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
20112A001	Heavy Equipment Technician 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
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	



## CTE - CIP Course Details Catalog

### Cluster: Arts, Audio/Video Technology and Communications

#### CIP: 09.0401 - Journalism

Status: Open    Start Year: 2025    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	2025	
11151A001	Digital Media Technology	3.00	2025	
11002A001	Communication Technology	1.00	2025	
22151A001	Career Exploration	1.00	2025	

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

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
11001A002	Mass Communication	3.00	2025	
11104A001	Publication Production	3.00	2025	
11152A001	Desktop Publishing	3.00	2025	

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

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
11101A002	Journalism	3.00	2025	

#### 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
11106A001	Social Media as News	3.00	2025	
11106A002	Podcasting	3.00	2025	
11105A001	News Editing	3.00	2025	
11149A001	Broadcast Writing and Production	3.00	2025	

#### 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
11998A003	Journalism Workplace Experience	3.00	2025	
11998A002	Arts, Audio/Video Technology & Communications Workplace Experience	3.00	2025	
22151A003	Secondary Transitional Experience Program (CTE)	12.00	2025	

## 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:** Open    **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	
11002A001	Communication Technology	1.00	2011	
22151A001	Career Exploration	1.00	2021	
13052A001	Production Technology	1.00	2018	
20101A001	Energy Utilization Technology	1.00	2018	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	

#### 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	

#### 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	

#### 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	

#### 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	
11998A001	Broadcast Technology Workplace Experience	3.00	2022	
11998A002	Arts, Audio/Video Technology & Communications Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Arts, Audio/Video Technology and Communications

#### CIP: 10.0301 - Graphic Communications, General.

Status: Open    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	
11151A001	Digital Media Technology	3.00	2023	
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	
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	
10205A001	Computer Gaming and Design	3.00	2021	
10203A001	Interactive Media	3.00	2022	
05252A001	Interactive Design	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
11998A002	Arts, Audio/Video Technology & Communications Workplace Experience	3.00	2022	
11048A001	Graphic Communications Workplace Experience	3.00	2021	

## CTE - CIP Course Details Catalog

### Cluster: Arts, Audio/Video Technology and Communications

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

Status: Open    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	

#### 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	

#### 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	

#### 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: Open    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
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	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	

#### 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	

#### 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	

#### 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: Open    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
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	
21052A002	Introduction to Technology and Engineering (Industrial)	1.00	2011	

#### 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	

#### 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	

#### 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: Open    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	
22151A001	Career Exploration	1.00	2021	
11002A001	Communication Technology	1.00	2011	
13052A001	Production Technology	1.00	2018	
20101A001	Energy Utilization Technology	1.00	2018	
11001A001	Introduction to Communication	3.00	2022	
11151A001	Digital Media Technology	3.00	2022	

#### 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	

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

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

#### 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
11053A001	Photographic Laboratory and Darkroom	3.00	2022	
11052A002	Commercial Photography 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
11048A001	Graphic Communications Workplace Experience	3.00	2021	
11998A002	Arts, Audio/Video Technology & Communications Workplace Experience	3.00	2022	



## CTE - CIP Course Details Catalog

### Cluster: Business, Management and Administration

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

**Status:** Open    **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	
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
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
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	
02154A001	Business Math	3.00	2024	
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
12098A002	Business, Management & Administration Workplace Experience	3.00	2022	
12098A001	Business Management Workplace Experience	3.00	2021	

## CTE - CIP Course Details Catalog

### Cluster: Business, Management and Administration

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

Status: Open 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
22151A001	Career Exploration	1.00	2021	
12001A001	Business and Technology Concepts	1.00	2011	
12005A001	Keyboarding and Formatting	0.50	2011	
12007A001	Recordkeeping	1.00	2011	

##### 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	

##### 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
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:** Open    **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	

#### 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
10005A001	Information Processing 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
12054A001	Business Law	3.00	2021	
12108A001	Cost Accounting	3.00	2021	
12110A001	Payroll Accounting	3.00	2021	
10005A002	Information Processing 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
12048A002	Administrative Assistant Workplace Experience	3.00	2021	
12098A002	Business, Management & Administration Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Business, Management and Administration

#### CIP: 52.0701 - Entrepreneurship/Entrepreneurial Studies.

Status: Open    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	

#### 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	

#### 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	

#### 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	
02154A001	Business Math	3.00	2024	

#### 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
12098A002	Business, Management & Administration Workplace Experience	3.00	2022	
12998A001	Entrepreneurial Workplace Experience	3.00	2021	

## CTE - CIP Course Details Catalog

### Cluster: Business, Management and Administration

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

Status: Open 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	

#### 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	

## CTE - CIP Course Details Catalog

### Cluster: Education and Training

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

**Status:** Open   **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
19261A001	Human Growth and Development	3.00	2021	
19259A001	Work and Family Relationships	3.00	2021	
19052A001	Child Development and Parenting	3.00	2021	
19151A001	Foundations to Teaching	3.00	2011	
19154A002	Diversity in Education	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
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	

## CTE - CIP Course Details Catalog

### Cluster: Education and Training

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

Status: Open 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
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	
19154A002	Diversity in Education	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
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	

# CTE - CIP Course Details Catalog

## Cluster: Finance

### CIP: 52.0301 - Accounting.

Status: Open 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
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
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	
02154A001	Business Math	3.00	2024	
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
12148A003	Finance Cluster Workplace Experience	3.00	2022	
12148A002	Accounting Workplace Experience	3.00	2021	



# CTE - CIP Course Details Catalog

## Cluster: Finance

### CIP: 52.0801 - Finance, General.

Status: Open 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
12102A001	Banking	3.00	2021	
12105A001	Business Economics	3.00	2021	
12060A001	Business Ethics	3.00	2021	
12054A001	Business Law	3.00	2021	
02154A001	Business Math	3.00	2024	
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
12148A003	Finance Cluster Workplace Experience	3.00	2022	
12148A001	Finance Workplace Experience	3.00	2021	

## CTE - CIP Course Details Catalog

### Cluster: Finance

#### CIP: 52.1908 - Business and Personal/Financial Services Marketing Operations.

Status: Open    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	

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

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
12055A001	Service-Oriented Marketing	3.00	2011	
12164A001	Product-Oriented Marketing	3.00	2021	
12051A001	Introductory Business	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
12152A001	Advanced Marketing	3.00	2011	

#### 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
22153A001	Cooperative Education	3.00	2021	
12198A001	Marketing Workplace Experience	3.00	2021	

## CTE - CIP Course Details Catalog

### Cluster: Government and Public Administration

#### CIP: 28.0101 - Air Force JROTC/ROTC

Status: Open    Start Year: 2022    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
15001A001	Exploration of Public Service Careers	3.00	2022	
22151A001	Career Exploration	1.00	2022	

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

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
09001A001	Introduction to Jr. ROTC	3.00	2022	
09151A001	Air Force Junior ROTC I	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
09152A001	Air Force Junior ROTC II	3.00	2022	

#### 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
09153A001	Air Force Junior ROTC III	3.00	2022	
09154A001	Air Force Junior ROTC IV	3.00	2022	
09003A001	ROTC Drill	3.00	2022	
09004A001	Military Leadership	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
15248A002	Government & Public Administration Workplace Experience	3.00	2022	
09998A001	Air Force Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Government and Public Administration

#### CIP: 28.0301 - Army JROTC/ROTC

Status: Open    Start Year: 2022    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
15001A001	Exploration of Public Service Careers	3.00	2022	
22151A001	Career Exploration	1.00	2022	

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

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
09001A001	Introduction to Jr. ROTC	3.00	2022	
09051A001	Army Junior ROTC I	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
09052A001	Army Junior ROTC II	3.00	2022	

##### 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
09053A001	Army Junior ROTC III	3.00	2022	
09054A001	Army Junior ROTC IV	3.00	2022	
09003A001	ROTC Drill	3.00	2022	
09004A001	Military Leadership	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
09998A002	Army Workplace Experience	3.00	2022	
15248A002	Government & Public Administration Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Government and Public Administration

#### CIP: 28.0401 - Navy/Marine Corps JROTC/ROTC

Status: Open    Start Year: 2022    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
15001A001	Exploration of Public Service Careers	3.00	2022	
22151A001	Career Exploration	1.00	2022	

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

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
09001A001	Introduction to Jr. ROTC	3.00	2022	
09201A001	Marine Corps Junior ROTC I	3.00	2022	
09101A001	Naval Junior ROTC I	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
09102A001	Naval Junior ROTC II	3.00	2022	
09202A001	Marine Corps Junior ROTC II	3.00	2022	

#### 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
09203A001	Marine Corps Junior ROTC III	3.00	2022	
09204A001	Marine Corps Junior ROTC IV	3.00	2022	
09103A001	Naval Junior ROTC III	3.00	2022	
09104A001	Naval Junior ROTC IV	3.00	2022	
09003A001	ROTC Drill	3.00	2022	
09004A001	Military Leadership	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
15248A002	Government & Public Administration Workplace Experience	3.00	2022	
09998A003	Naval Workplace Experience	3.00	2022	
09998A004	Marine Corp Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Government and Public Administration

**CIP: 44.0401 - Public Administration. (Non Traditional - Female)**

**Status:** Open   **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	

# CTE - CIP Course Details Catalog

## Cluster: Health Science

**CIP: 51.0000 - Health Services/Allied Health/Health Sciences, General.**

Status: Open 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	

### 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	
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	
14254A002	Basic Life Support	3.00	2022	
14153A001	Medical Office Procedures	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
14254A001	Medical Interventions	3.00	2021	
14255A002	Biomedical Innovation	3.00	2021	
14002A003	Health Occupations Advanced Skill Development	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	
14251A001	Human Body Systems	3.00	2021	
14059A002	Gerontology	3.00	2021	
15202A002	Public Health	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
14298A001	Allied Health Workplace Experience	3.00	2021	
14998A002	Health Science Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Health Science

**CIP: 51.0601 - Dental Assisting/Assistant. (Non Traditional - Male)**

**Status:** Open    **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	2011	

#### 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	

#### 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	

#### 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	



# CTE - CIP Course Details Catalog

## Cluster: Health Science

### CIP: 51.0703 - Health Unit Coordinator/Ward Clerk.

Status: Open 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	

#### 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	

#### 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	

#### 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	

#### 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: Open 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
22151A001	Career Exploration	1.00	2021	
14001A001	Orientation to Diversified Health Occupations	1.00	2019	

#### 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	
14153A001	Medical Office Procedures	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
14202A001	Medical Records Assistant	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	
14157A001	Health Informatics and Data Management	3.00	2021	
14156A001	Medical Coding and Transcription	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
14198A001	Medical Insurance Coding Workplace Experience	3.00	2021	
14998A002	Health Science Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Health Science

**CIP: 51.0801 - Medical/Clinical Assistant. (Non Traditional - Male)**

**Status:** Open    **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	

#### 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	

#### 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	

#### 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	

#### 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
14148A001	Medical/Clinical Assistant 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: 51.0805 - Pharmacy Technician/Assistant. (Non Traditional - Male)**

Status: Open    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	

#### 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	

#### 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 Technician	3.00	2021	
14253A001	Pharmacology 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	

#### 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
14098A002	Pharmacy Technician Workplace Experience	3.00	2021	
14998A002	Health Science Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Health Science

#### CIP: 51.0806 - Physical Therapy Technician/Assistant.

Status: Open    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	

#### 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	

#### 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	

#### 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:** Open   **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	

#### 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	

#### 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	

#### 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: Open    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	

#### 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	

#### 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	

#### 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
14148A002	ECG Workplace Experience	3.00	2021	
14998A002	Health Science Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Health Science

#### CIP: 51.0904 - Emergency Medical Technology/Technician (EMT Paramedic).

Status: Open    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	2011	

#### 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	

#### 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	

#### 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
14148A003	EMT Workplace Experience	3.00	2021	
14998A002	Health Science Workplace Experience	3.00	2022	



## CTE - CIP Course Details Catalog

### Cluster: Health Science

**CIP: 51.0907 - Medical Radiologic Technology/Science - Radiation Therapist.**

**Status:** Open   **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	

#### 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	

#### 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	

#### 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:** Open   **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	

#### 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	

#### 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	

#### 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: Open 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	2011	

#### 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	

#### 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	

#### 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
14098A003	Athletic Training Workplace Experience	3.00	2021	
14998A002	Health Science Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Health Science

#### CIP: 51.1004 - Clinical/Medical Laboratory Technician.

Status: Open    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
14148A004	Medical Laboratory Technician Workplace Experience	3.00	2021	
14998A002	Health Science Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Health Science

#### CIP: 51.1005 - Clinical Laboratory Science/Medical Technology/Technologist.

Status: Open    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	

##### 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	

##### 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	

##### 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:** Open    **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	2011	

#### 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	

#### 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	

#### 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
14148A005	Phlebotomy Workplace Experience	3.00	2021	
14998A002	Health Science Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Health Science

#### CIP: 51.1504 - Community Health Worker (Non Traditional - Male)

Status: Open Start Year: 2025 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	2025	
22151A001	Career Exploration	1.00	2025	

#### 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	2025	
14254A002	Basic Life Support	3.00	2025	
14154A001	Medical Terminology	1.00	2025	
03069A001	Nutrition and Diet Therapy	3.00	2025	
03053A001	Anatomy & Physiology for Health Sciences	1.00	2025	
14003A001	Medical Law and Ethics	3.00	2025	

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

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
08053A001	Community Health Worker	3.00	2025	

#### 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	2025	
14063A004	Direct Support Person	3.00	2025	
14059A002	Gerontology	3.00	2025	

#### 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
14298A002	Community Health Workplace Experience	3.00	2025	
14998A002	Health Science Workplace Experience	3.00	2025	
22151A003	Secondary Transitional Experience Program (CTE)	12.00	2025	

## CTE - CIP Course Details Catalog

### Cluster: Health Science

**CIP: 51.1803 - Ophthalmic Technician/Technologist. (Non Traditional - Male)**

**Status:** Open   **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	

#### 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	

#### 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	

#### 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: Open    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	

#### 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	

#### 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	

#### 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:** Open   **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	

#### 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	

#### 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	

#### 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
14059A001	Geriatric Aide	3.00	2021	
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: 51.2604 - Rehabilitation Aide. (Non Traditional - Male)**

**Status:** Open   **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	

#### 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	

#### 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	

#### 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: Open 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
14998A002	Health Science Workplace Experience	3.00	2022	
14098A004	Physical Therapy Aide Workplace Experience	3.00	2021	

## CTE - CIP Course Details Catalog

### Cluster: Health Science

**CIP: 51.3901 - Licensed Practical/Vocational Nurse Training. (Non Traditional - Male)**

**Status:** Open   **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	

#### 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	

#### 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	

#### 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
14059A001	Geriatric Aide	3.00	2021	
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: 51.3902 - Nursing Assistant/Aide and Patient Care Assistant/Aide. (Non Traditional - Male)**

**Status:** Open    **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	2011	

#### 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	

#### 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	

#### 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	

## CTE - CIP Course Details Catalog

### Cluster: Health Science

#### CIP: 51.9999 - Health Professions and Related Clinical Sciences, Other.

Status: Open 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	

##### 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	

##### 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	

## CTE - CIP Course Details Catalog

### Cluster: Hospitality and Tourism

#### CIP: 12.0500 - Cooking and Related Culinary Arts, General. (Non Traditional - Female)

Status: Open 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	
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
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	
16054A001	Nutrition and Culinary Arts I	3.00	2021	
16052A001	Culinary Occupations 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
16055A001	Culinary Occupations II	3.00	2021	
16054A002	Nutrition and Culinary Arts II	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
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	



## CTE - CIP Course Details Catalog

### Cluster: Hospitality and Tourism

#### CIP: 19.0601 - Housing and Human Environments, General.

Status: Open    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
19248A002	Interior Design Workplace Experience	3.00	2021	
16998A001	Hospitality & Tourism Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Hospitality and Tourism

#### CIP: 19.0604 - Facilities Planning and Management. (Non Traditional - Male)

Status: Open    Start Year: 2011    End Year: 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
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	

##### 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	

##### 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: Open    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	
19259A001	Work and Family Relationships	3.00	2021	
19251A001	Introduction to Family and Consumer Sciences Careers	3.00	2021	
16201A001	Exploration of Recreation, Amusement and Attractions	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
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
16248A001	Recreation, Amusement and Attractions Workplace Experience	3.00	2021	
16998A001	Hospitality & Tourism Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Hospitality and Tourism

#### CIP: 52.0903 - Tourism and Travel Services Management

Status: Open    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
16153A001	World Travel and Tourism	3.00	2021	
16154A001	Eco-tourism	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
16198A001	Travel and Tourism Workplace Experience	3.00	2021	
16998A001	Hospitality & Tourism Workplace Experience	3.00	2022	

## CTE - CIP Course Details Catalog

### Cluster: Hospitality and Tourism

#### CIP: 52.0904 - Hotel/Motel Management.

Status: Open    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
12162A001	Social Media Marketing	1.00	2021	
12159A001	Hospitality & Tourism Marketing	3.00	2021	
12055A002	Business Principles and 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
16148A001	Lodging Workplace Experience	3.00	2021	
16998A001	Hospitality & Tourism Workplace Experience	3.00	2022	