

Statewide Programs of Study At a Glance Accessible Document
July 2020

Program of Study	Service ID	Course Title	Level	Tier	Credit	Career Cluster
New additions of Innovative and Technology Applications courses are highlighted in green below- July 2020						
Agribusiness	13000200	Principles of Agriculture, Food, and Natural Resources	1	1	1	Agriculture, Food and Natural Resources
Agribusiness	13000800	Professional Standards in Agribusiness	2	1	0.5	Agriculture, Food and Natural Resources
Agribusiness	13009900	Professional Communications	2	1	0.5	Agriculture, Food and Natural Resources
Agribusiness	13000900	Agribusiness Management and Marketing	3	2	1	Agriculture, Food and Natural Resources
Agribusiness	13000910	Agribusiness Management and Marketing/Agricultural Laboratory and Field Experience	3	2	2	Agriculture, Food and Natural Resources
Agribusiness	N1300266	Agricultural Leadership, Research, and Communications	4	2	1	Agriculture, Food and Natural Resources
Agribusiness	12701300	Career Preparation I	4	2	2	Agriculture, Food and Natural Resources
Agribusiness	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Agriculture, Food and Natural Resources
Agribusiness	13002500	Practicum in Agriculture, Food, and Natural Resources (First Time Taken)	4	2	2	Agriculture, Food and Natural Resources
Agribusiness	13002505	Practicum in Agriculture, Food, and Natural Resources/Extended Practicum in Agriculture, Food, and Natural Resources (First Time Taken)	4	2	3	Agriculture, Food and Natural Resources
Agribusiness	13002510	Practicum in Agriculture, Food, and Natural Resources (Second Time Taken)	4	2	2	Agriculture, Food and Natural Resources
Agribusiness	13002515	Practicum in Agriculture, Food, and Natural Resources/Extended Practicum in Agriculture, Food, and Natural Resources (Second Time Taken)	4	2	3	Agriculture, Food and Natural Resources
Animal Science	13000200	Principles of Agriculture, Food, and Natural Resources	1	1	1	Agriculture, Food and Natural Resources
Animal Science	13000500	Equine Science	2	1	0.5	Agriculture, Food and Natural Resources
Animal Science	13000400	Small Animal Management	2	1	0.5	Agriculture, Food and Natural Resources
Animal Science	13000300	Livestock Production	3	2	1	Agriculture, Food and Natural Resources
Animal Science	13000310	Livestock Production/Agricultural Laboratory and Field Experience	3	2	2	Agriculture, Food and Natural Resources
Animal Science	13000700	Advanced Animal Science	4	2	1	Agriculture, Food and Natural Resources
Animal Science	13002500	Practicum in Agriculture, Food, and Natural Resources (First Time Taken)	4	2	2	Agriculture, Food and Natural Resources
Animal Science	13002505	Practicum in Agriculture, Food, and Natural Resources/Extended Practicum in Agriculture, Food, and Natural Resources (First Time Taken)	4	2	3	Agriculture, Food and Natural Resources
Animal Science	12701500	Project-Based Research (First Time Taken)	4	2	1	Agriculture, Food and Natural Resources
Animal Science	13037200	Scientific Research and Design	4	2	1	Agriculture, Food and Natural Resources
Animal Science	13000600	Veterinary Medical Applications	4	2	1	Agriculture, Food and Natural Resources
Animal Science	13000610	Veterinary Medical Applications/Agricultural Laboratory and Field Experience	4	2	2	Agriculture, Food and Natural Resources
Animal Science	13002510	Practicum in Agriculture, Food, and Natural Resources (Second Time Taken)	4	2	2	Agriculture, Food and Natural Resources
Animal Science	13002515	Practicum in Agriculture, Food, and Natural Resources/Extended Practicum in Agriculture, Food, and Natural Resources (Second Time Taken)	4	2	3	Agriculture, Food and Natural Resources
Applied Agricultural Engineering	13000200	Principles of Agriculture, Food, and Natural Resources	1	1	1	Agriculture, Food and Natural Resources
Applied Agricultural Engineering	13002200	Agricultural Mechanics and Metal Technologies	2	1	1	Agriculture, Food and Natural Resources
Applied Agricultural Engineering	13002210	Agricultural Mechanics and Metal Technologies/Agricultural Laboratory and Field Experience	2	1	2	Agriculture, Food and Natural Resources
Applied Agricultural Engineering	13002400	Agricultural Power Systems	3	2	2	Agriculture, Food and Natural Resources
Applied Agricultural Engineering	13002410	Agricultural Power Systems/Agricultural Laboratory and Field Experience	3	2	3	Agriculture, Food and Natural Resources
Applied Agricultural Engineering	13002300	Agricultural Structures Design and Fabrication	3	2	1	Agriculture, Food and Natural Resources
Applied Agricultural Engineering	13002310	Agricultural Structures Design and Fabrication/Agricultural Laboratory and Field Experience	3	2	2	Agriculture, Food and Natural Resources
Applied Agricultural Engineering	13002350	Agricultural Equipment Design and Fabrication	4	2	1	Agriculture, Food and Natural Resources
Applied Agricultural Engineering	13002360	Agricultural Equipment Design and Fabrication/Agricultural Laboratory and Field Experience	4	2	2	Agriculture, Food and Natural Resources
Applied Agricultural Engineering	13002500	Practicum in Agriculture, Food, and Natural Resources (First Time Taken)	4	2	2	Agriculture, Food and Natural Resources
Applied Agricultural Engineering	13002505	Practicum in Agriculture, Food, and Natural Resources/Extended Practicum in Agriculture, Food, and Natural Resources (First Time Taken)	4	2	3	Agriculture, Food and Natural Resources
Applied Agricultural Engineering	12701500	Project-Based Research (First Time Taken)	4	2	1	Agriculture, Food and Natural Resources
Applied Agricultural Engineering	13037200	Scientific Research and Design	4	2	1	Agriculture, Food and Natural Resources
Applied Agricultural Engineering	13002510	Practicum in Agriculture, Food, and Natural Resources (Second Time Taken)	4	2	2	Agriculture, Food and Natural Resources
Applied Agricultural Engineering	13002515	Practicum in Agriculture, Food, and Natural Resources/Extended Practicum in Agriculture, Food, and Natural Resources (Second Time Taken)	4	2	3	Agriculture, Food and Natural Resources
Environmental and Natural Resources	13000200	Principles of Agriculture, Food, and Natural Resources	1	1	1	Agriculture, Food and Natural Resources
Environmental and Natural Resources	13001500	Wildlife, Fisheries and Ecology Management	2	1	1	Agriculture, Food and Natural Resources
Environmental and Natural Resources	13001510	Wildlife, Fisheries and Ecology Management/Agricultural Laboratory and Field Experience	2	1	2	Agriculture, Food and Natural Resources
Environmental and Natural Resources	13001700	Forestry and Woodland Ecosystems	2	1	1	Agriculture, Food and Natural Resources
Environmental and Natural Resources	13001710	Forestry and Woodland Ecosystems/Agricultural Laboratory and Field Experience	2	1	2	Agriculture, Food and Natural Resources
Environmental and Natural Resources	13001100	Energy and Natural Resources Technology	3	2	1	Agriculture, Food and Natural Resources

Statewide Programs of Study At a Glance Accessible Document
July 2020

Environmental and Natural Resources	13001110	Energy and Natural Resource Technology/Agricultural Laboratory and Field Experience	3	2	2	Agriculture, Food and Natural Resources
Environmental and Natural Resources	13001600	Range Ecology and Management	3	2	1	Agriculture, Food and Natural Resources
Environmental and Natural Resources	13001610	Range Ecology and Management/Agricultural Laboratory and Field Experience	3	2	2	Agriculture, Food and Natural Resources
Environmental and Natural Resources	13001200	Advanced Energy and Natural Resource Technology	4	2	1	Agriculture, Food and Natural Resources
Environmental and Natural Resources	13001210	Advanced Energy and Natural Resource Technology/Agricultural Laboratory and Field Experience	4	2	2	Agriculture, Food and Natural Resources
Environmental and Natural Resources	13002500	Practicum in Agriculture, Food, and Natural Resources (First Time Taken)	4	2	2	Agriculture, Food and Natural Resources
Environmental and Natural Resources	13002505	Practicum in Agriculture, Food, and Natural Resources/Extended Practicum in Agriculture, Food, and Natural Resources (First Time Taken)	4	2	3	Agriculture, Food and Natural Resources
Environmental and Natural Resources	12701500	Project-Based Research (First Time Taken)	4	2	1	Agriculture, Food and Natural Resources
Environmental and Natural Resources	13037200	Scientific Research and Design	4	2	1	Agriculture, Food and Natural Resources
Environmental and Natural Resources	13002510	Practicum in Agriculture, Food, and Natural Resources (Second Time Taken)	4	2	2	Agriculture, Food and Natural Resources
Environmental and Natural Resources	13002515	Practicum in Agriculture, Food, and Natural Resources/Extended Practicum in Agriculture, Food, and Natural Resources (Second Time Taken)	4	2	3	Agriculture, Food and Natural Resources
Food Science and Technology	13000200	Principles of Agriculture, Food, and Natural Resources	1	1	1	Agriculture, Food and Natural Resources
Food Science and Technology	13001300	Food Technology and Safety	2	1	1	Agriculture, Food and Natural Resources
Food Science and Technology	13001310	Food Technology and Safety/Agricultural Laboratory and Field Experience	2	1	2	Agriculture, Food and Natural Resources
Food Science and Technology	13001400	Food Processing	3	2	1	Agriculture, Food and Natural Resources
Food Science and Technology	13001410	Food Processing/Agricultural Laboratory and Field Experience	3	2	2	Agriculture, Food and Natural Resources
Food Science and Technology	13002500	Practicum in Agriculture, Food, and Natural Resources (First Time Taken)	4	2	2	Agriculture, Food and Natural Resources
Food Science and Technology	13002505	Practicum in Agriculture, Food, and Natural Resources/Extended Practicum in Agriculture, Food, and Natural Resources (First Time Taken)	4	2	3	Agriculture, Food and Natural Resources
Food Science and Technology	12701500	Project-Based Research (First Time Taken)	4	2	1	Agriculture, Food and Natural Resources
Food Science and Technology	13037200	Scientific Research and Design	4	2	1	Agriculture, Food and Natural Resources
Food Science and Technology	13002510	Practicum in Agriculture, Food, and Natural Resources (Second Time Taken)	4	2	2	Agriculture, Food and Natural Resources
Food Science and Technology	13002515	Practicum in Agriculture, Food, and Natural Resources/Extended Practicum in Agriculture, Food, and Natural Resources (Second Time Taken)	4	2	3	Agriculture, Food and Natural Resources
Plant Science	13000200	Principles of Agriculture, Food, and Natural Resources	1	1	1	Agriculture, Food and Natural Resources
Plant Science	13002050	Greenhouse Operation and Production	2	1	1	Agriculture, Food and Natural Resources
Plant Science	13002060	Greenhouse Operation and Production/Agricultural Laboratory and Field Experience	2	1	2	Agriculture, Food and Natural Resources
Plant Science	13001900	Landscape Design and Management	2	1	0.5	Agriculture, Food and Natural Resources
Plant Science	13001950	Turf Grass Management	2	1	0.5	Agriculture, Food and Natural Resources
Plant Science	13001800	Floral Design	3	2	1	Agriculture, Food and Natural Resources
Plant Science	13001810	Floral Design/Agricultural Laboratory and Field Experience	3	2	2	Agriculture, Food and Natural Resources
Plant Science	13002000	Horticultural Science	3	2	1	Agriculture, Food and Natural Resources
Plant Science	13002010	Horticultural Science/Agricultural Laboratory and Field Experience	3	2	2	Agriculture, Food and Natural Resources
Plant Science	N1300265	Viticulture	3	2	1	Agriculture, Food and Natural Resources
Plant Science	N1300270	Advanced Floral Design	4	2	1	Agriculture, Food and Natural Resources
Plant Science	13002100	Advanced Plant and Soil Science	4	2	1	Agriculture, Food and Natural Resources
Plant Science	13002500	Practicum in Agriculture, Food, and Natural Resources (First Time Taken)	4	2	2	Agriculture, Food and Natural Resources
Plant Science	13002505	Practicum in Agriculture, Food, and Natural Resources/Extended Practicum in Agriculture, Food, and Natural Resources (First Time Taken)	4	2	3	Agriculture, Food and Natural Resources
Plant Science	12701500	Project-Based Research (First Time Taken)	4	2	1	Agriculture, Food and Natural Resources
Plant Science	13037200	Scientific Research and Design	4	2	1	Agriculture, Food and Natural Resources
Plant Science	13002510	Practicum in Agriculture, Food, and Natural Resources (Second Time Taken)	4	2	2	Agriculture, Food and Natural Resources
Plant Science	13002515	Practicum in Agriculture, Food, and Natural Resources/Extended Practicum in Agriculture, Food, and Natural Resources (Second Time Taken)	4	2	3	Agriculture, Food and Natural Resources
Architectural Design	13004210	Principles of Architecture	1	1	1	Architecture and Construction
Architectural Design	13004600	Architectural Design I	2	1	1	Architecture and Construction
Architectural Design	13004300	Interior Design I	2	1	1	Architecture and Construction
Architectural Design	N1300429	Computer Aided Drafting for Architecture	2	1	1	Architecture and Construction
Architectural Design	13004700	Architectural Design II	3	2	2	Architecture and Construction
Architectural Design	N1303747	Civil Engineering and Architecture (PLTW)	3	2	1	Architecture and Construction
Architectural Design	13004400	Interior Design II	3	2	2	Architecture and Construction
Architectural Design	12701300	Career Preparation I	4	2	2	Architecture and Construction
Architectural Design	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Architecture and Construction

Statewide Programs of Study At a Glance Accessible Document
July 2020

Architectural Design	13004800	Practicum in Architectural Design (First Time Taken)	4	2	2	Architecture and Construction
Architectural Design	13004805	Practicum in Architectural Design/Extended Practicum in Architectural Design (First Time Taken)	4	2	3	Architecture and Construction
Architectural Design	13004810	Practicum in Architectural Design (Second Time Taken)	4	2	2	Architecture and Construction
Architectural Design	13004815	Practicum in Architectural Design/Extended Practicum in Architectural Design (Second Time Taken)	4	2	3	Architecture and Construction
Carpentry	13004210	Principles of Architecture	1	1	1	Architecture and Construction
Carpentry	13004220	Principles of Construction	1	1	1	Architecture and Construction
Carpentry	13005100	Construction Technology I	2	1	2	Architecture and Construction
Carpentry	13005200	Construction Technology II	3	2	2	Architecture and Construction
Carpentry	13005300	Mill and Cabinetmaking Technology	3	2	2	Architecture and Construction
Carpentry	12701300	Career Preparation I	4	2	2	Architecture and Construction
Carpentry	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Architecture and Construction
Carpentry	13005250	Practicum in Construction Technology (First Time Taken)	4	2	2	Architecture and Construction
Carpentry	13005255	Practicum in Construction Technology/Extended Practicum in Construction Technology (First Time Taken)	4	2	3	Architecture and Construction
Carpentry	13005260	Practicum in Construction Technology (Second Time Taken)	4	2	2	Architecture and Construction
Carpentry	13005265	Practicum in Construction Technology/Extended Practicum in Construction Technology (Second Time Taken)	4	2	3	Architecture and Construction
Construction Management and Inspection	13004220	Principles of Construction	1	1	1	Architecture and Construction
Construction Management and Inspection	13005400	Building Maintenance Technology I	2	1	2	Architecture and Construction
Construction Management and Inspection	13004900	Construction Management I	2	1	2	Architecture and Construction
Construction Management and Inspection	13005500	Building Maintenance Technology II	3	2	2	Architecture and Construction
Construction Management and Inspection	13005000	Construction Management II	3	2	2	Architecture and Construction
Construction Management and Inspection	12701300	Career Preparation I	4	2	2	Architecture and Construction
Construction Management and Inspection	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Architecture and Construction
Construction Management and Inspection	13006200	Practicum in Construction Management (First Time Taken)	4	2	2	Architecture and Construction
Construction Management and Inspection	13006205	Practicum in Construction Management/Extended Practicum in Construction Management (First Time Taken)	4	2	3	Architecture and Construction
Construction Management and Inspection	13006210	Practicum in Construction Management (Second Time Taken)	4	2	2	Architecture and Construction
Construction Management and Inspection	13006215	Practicum in Construction Management/Extended Practicum in Construction Management (Second Time Taken)	4	2	3	Architecture and Construction
Electrical	13004220	Principles of Construction	1	1	1	Architecture and Construction
Electrical	13005600	Electrical Technology I	2	1	1	Architecture and Construction
Electrical	13005700	Electrical Technology II	3	2	2	Architecture and Construction
Electrical	12701300	Career Preparation I	4	2	2	Architecture and Construction
Electrical	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Architecture and Construction
Electrical	13005250	Practicum in Construction Technology (First Time Taken)	4	2	2	Architecture and Construction
Electrical	13005255	Practicum in Construction Technology/Extended Practicum in Construction Technology (First Time Taken)	4	2	3	Architecture and Construction
Electrical	13005260	Practicum in Construction Technology (Second Time Taken)	4	2	2	Architecture and Construction
Electrical	13005265	Practicum in Construction Technology/Extended Practicum in Construction Technology (Second Time Taken)	4	2	3	Architecture and Construction
HVAC and Sheet Metal	13004220	Principles of Construction	1	1	1	Architecture and Construction
HVAC and Sheet Metal	13005800	Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I	2	1	1	Architecture and Construction
HVAC and Sheet Metal	13005900	Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II	3	2	2	Architecture and Construction
HVAC and Sheet Metal	N1300430	Sheet Metal Technology	3	2	1	Architecture and Construction
HVAC and Sheet Metal	12701300	Career Preparation I	4	2	2	Architecture and Construction
HVAC and Sheet Metal	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Architecture and Construction
HVAC and Sheet Metal	13005250	Practicum in Construction Technology (First Time Taken)	4	2	2	Architecture and Construction
HVAC and Sheet Metal	13005255	Practicum in Construction Technology/Extended Practicum in Construction Technology (First Time Taken)	4	2	3	Architecture and Construction
HVAC and Sheet Metal	13005260	Practicum in Construction Technology (Second Time Taken)	4	2	2	Architecture and Construction
HVAC and Sheet Metal	13005265	Practicum in Construction Technology/Extended Practicum in Construction Technology (Second Time Taken)	4	2	3	Architecture and Construction
Masonry	13004220	Principles of Construction	1	1	1	Architecture and Construction
Masonry	13006300	Masonry Technology I	2	1	2	Architecture and Construction
Masonry	13006400	Masonry Technology II	3	2	2	Architecture and Construction
Masonry	12701300	Career Preparation I	4	2	2	Architecture and Construction

Statewide Programs of Study At a Glance Accessible Document
July 2020

Masonry	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Architecture and Construction
Masonry	13005250	Practicum in Construction Technology (First Time Taken)	4	2	2	Architecture and Construction
Masonry	13005255	Practicum in Construction Technology/Extended Practicum in Construction Technology (First Time Taken)	4	2	3	Architecture and Construction
Masonry	13006450	Practicum in Masonry Technology (First Time Taken)	4	2	2	Architecture and Construction
Masonry	13006455	Practicum in Masonry Technology/Extended Practicum in Masonry Technology (First Time Taken)	4	2	3	Architecture and Construction
Masonry	13006460	Practicum in Masonry (Second Time Taken)	4	2	2	Architecture and Construction
Masonry	13006465	Practicum in Masonry/Extended Practicum in Masonry (Second Time Taken)	4	2	3	Architecture and Construction
Masonry	13005260	Practicum in Construction Technology (Second Time Taken)	4	2	2	Architecture and Construction
Masonry	13005265	Practicum in Construction Technology/Extended Practicum in Construction Technology (Second Time Taken)	4	2	3	Architecture and Construction
Plumbing and Pipefitting	13032250	Introduction to Welding	1	1	1	Architecture and Construction
Plumbing and Pipefitting	13004220	Principles of Construction	1	1	1	Architecture and Construction
Plumbing and Pipefitting	N1300425	Pipefitting Technology I	2	1	1	Architecture and Construction
Plumbing and Pipefitting	N1300427	Pipefitting Technology I Lab	2	1	1	Architecture and Construction
Plumbing and Pipefitting	13006000	Plumbing Technology I	2	1	1	Architecture and Construction
Plumbing and Pipefitting	N1300426	Pipefitting Technology II	3	2	1	Architecture and Construction
Plumbing and Pipefitting	N1300428	Pipefitting Technology II Lab	3	2	1	Architecture and Construction
Plumbing and Pipefitting	13006100	Plumbing Technology II	3	2	2	Architecture and Construction
Plumbing and Pipefitting	12701300	Career Preparation I	4	2	2	Architecture and Construction
Plumbing and Pipefitting	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Architecture and Construction
Plumbing and Pipefitting	13005250	Practicum in Construction Technology (First Time Taken)	4	2	2	Architecture and Construction
Plumbing and Pipefitting	13005255	Practicum in Construction Technology/Extended Practicum in Construction Technology (First Time Taken)	4	2	3	Architecture and Construction
Plumbing and Pipefitting	13005260	Practicum in Construction Technology (Second Time Taken)	4	2	2	Architecture and Construction
Plumbing and Pipefitting	13005265	Practicum in Construction Technology/Extended Practicum in Construction Technology (Second Time Taken)	4	2	3	Architecture and Construction
Design and Multimedia Arts	13027800	Digital Media	1	1	1	Communication
Design and Multimedia Arts	13008200	Principles of Arts, Audio/Video Technology, and Communications	1	1	1	Communication
Design and Multimedia Arts	13009970	Video Game Design	1	1	1	Communication
Design and Multimedia Arts	13008300	Animation I	2	1	1	Communication
Design and Multimedia Arts	13008310	Animation I/Animation I Lab	2	1	2	Communication
Design and Multimedia Arts	13009100	Commercial Photography I	2	1	1	Communication
Design and Multimedia Arts	13009110	Commercial Photography I/Commercial Photography I Lab	2	1	2	Communication
Design and Multimedia Arts	13009300	Fashion Design I	2	1	1	Communication
Design and Multimedia Arts	13009310	Fashion Design I/Fashion Design I Lab	2	1	2	Communication
Design and Multimedia Arts	13008800	Graphic Design and Illustration I	2	1	1	Communication
Design and Multimedia Arts	13008810	Graphic Design and Illustration I/Graphic Design and Illustration I Lab	2	1	2	Communication
Design and Multimedia Arts	N1300994	Video Game Programming	2	1	1	Communication
Design and Multimedia Arts	03580400	Digital Design and Media Production	2	1	1	Communication
Design and Multimedia Arts	03580380	Game Programming and Design	2	1	1	Communication
Design and Multimedia Arts	03580830	Web Game Development	3	2	1	Communication
Design and Multimedia Arts	03580500	Digital Arts and Animation	3	2	1	Communication
Design and Multimedia Arts	03580510	3-D Modeling and Animation	3	2	1	Communication
Design and Multimedia Arts	13009400	Fashion Design II	3	2	1	Communication
Design and Multimedia Arts	13009410	Fashion Design II/Fashion Design II Lab	3	2	2	Communication
Design and Multimedia Arts	N1300995	Advanced Video Game Programming	3	2	1	Communication
Design and Multimedia Arts	13008400	Animation II	3	2	1	Communication
Design and Multimedia Arts	13008410	Animation II/Animation II Lab	3	2	2	Communication
Design and Multimedia Arts	13009200	Commercial Photography II	3	2	1	Communication
Design and Multimedia Arts	13009210	Commercial Photography II/Commercial Photography II Lab	3	2	2	Communication
Design and Multimedia Arts	13008900	Graphic Design and Illustration II	3	2	1	Communication
Design and Multimedia Arts	13008910	Graphic Design and Illustration II/Graphic Design and Illustration II Lab	3	2	2	Communication

Statewide Programs of Study At a Glance Accessible Document
July 2020

Design and Multimedia Arts	13009010	Practicum in Graphic Design and Illustration (Second Time Taken)	4	2	2	Communication
Design and Multimedia Arts	13009015	Practicum in Graphic Design and Illustration/Extended Practicum in Graphic Design and Illustration (Second Time Taken)	4	2	3	Communication
Design and Multimedia Arts	13008460	Practicum in Animation (Second Time Taken)	4	2	2	Communication
Design and Multimedia Arts	13008465	Practicum in Animation/Extended Practicum in Animation (Second Time Taken)	4	2	3	Communication
Design and Multimedia Arts	13009260	Practicum in Commercial Photography (Second Time Taken)	4	2	2	Communication
Design and Multimedia Arts	13009265	Practicum in Commercial Photography/Extended Practicum in Commercial Photography (Second Time Taken)	4	2	3	Communication
Design and Multimedia Arts	12701300	Career Preparation I	4	2	2	Communication
Design and Multimedia Arts	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Communication
Design and Multimedia Arts	13008450	Practicum in Animation (First Time Taken)	4	2	2	Communication
Design and Multimedia Arts	13008455	Practicum in Animation/Extended Practicum in Animation (First Time Taken)	4	2	3	Communication
Design and Multimedia Arts	13009250	Practicum in Commercial Photography (First Time Taken)	4	2	2	Communication
Design and Multimedia Arts	13009255	Practicum in Commercial Photography/Extended Practicum in Commercial Photography (First Time Taken)	4	2	3	Communication
Design and Multimedia Arts	13009000	Practicum in Graphic Design and Illustration (First Time Taken)	4	2	2	Communication
Design and Multimedia Arts	13009005	Practicum in Graphic Design and Illustration/Extended Practicum in Graphic Design and Illustration (First Time Taken)	4	2	3	Communication
Digital Communications	13008200	Principles of Arts, Audio/Video Technology, and Communications	1	1	1	Communication
Digital Communications	13009900	Professional Communications	1	1	0.5	Communication
Digital Communications	03580810	Web Communications	1	1	0.5	Communication
Digital Communications	03580610	Digital Communications in the 21st Century	1	1	1	Communication
Digital Communications	13008500	Audio/Video Production I	2	1	1	Communication
Digital Communications	13008510	Audio/Video Production I/Audio/Video Production I Lab	2	1	2	Communication
Digital Communications	13009950	Digital Audio Technology I	2	1	1	Communication
Digital Communications	13008600	Audio/Video Production II	3	2	1	Communication
Digital Communications	13008610	Audio/Video Production II/Audio/Video Production II Lab	3	2	2	Communication
Digital Communications	13009960	Digital Audio Technology II	3	2	1	Communication
Digital Communications	12701300	Career Preparation I	4	2	2	Communication
Digital Communications	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Communication
Digital Communications	13008700	Practicum in Audio/Video Production (First Time Taken)	4	2	2	Communication
Digital Communications	13008705	Practicum in Audio/Video Production/Extended Practicum in Audio/Video Production (First Time Taken)	4	2	3	Communication
Digital Communications	13008710	Practicum in Audio/Video Production (Second Time Taken)	4	2	2	Communication
Digital Communications	13008715	Practicum in Audio/Video Production/Extended Practicum in Audio/Video Production (Second Time Taken)	4	2	3	Communication
Accounting and Financial Services	13011400	Business Information Management I	1	1	1	Business, Marketing and Finance
Accounting and Financial Services	13011410	Business Information Management I/Business Lab	1	1	2	Business, Marketing and Finance
Accounting and Financial Services	13016200	Money Matters	1	1	1	Business, Marketing and Finance
Accounting and Financial Services	13011200	Principles of Business, Marketing, and Finance	1	1	1	Business, Marketing and Finance
Accounting and Financial Services	13016600	Accounting I	2	1	1	Business, Marketing and Finance
Accounting and Financial Services	13016300	Banking and Financial Services	2	1	0.5	Business, Marketing and Finance
Accounting and Financial Services	13018000	Financial Mathematics	2	1	1	Business, Marketing and Finance
Accounting and Financial Services	13016700	Accounting II	3	2	1	Business, Marketing and Finance
Accounting and Financial Services	13016800	Financial Analysis	3	2	1	Business, Marketing and Finance
Accounting and Financial Services	13016500	Insurance Operations	3	2	1	Business, Marketing and Finance
Accounting and Financial Services	12701300	Career Preparation I	4	2	2	Business, Marketing and Finance
Accounting and Financial Services	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Business, Marketing and Finance
Accounting and Financial Services	13012200	Practicum in Business Management (First Time Taken)	4	2	2	Business, Marketing and Finance
Accounting and Financial Services	13012205	Practicum in Business Management/Extended Practicum in Business Management (First Time Taken)	4	2	3	Business, Marketing and Finance
Accounting and Financial Services	13016400	Securities and Investments	4	2	1	Business, Marketing and Finance
Accounting and Financial Services	13012210	Practicum in Business Management (Second Time Taken)	4	2	2	Business, Marketing and Finance
Accounting and Financial Services	13012215	Practicum in Business Management/Extended Practicum in Business Management (Second Time Taken)	4	2	3	Business, Marketing and Finance
Business Management	13011400	Business Information Management I	1	1	1	Business, Marketing and Finance
Business Management	13011410	Business Information Management I/Business Lab	1	1	2	Business, Marketing and Finance

Statewide Programs of Study At a Glance Accessible Document
July 2020

Business Management	13011200	Principles of Business, Marketing, and Finance	1	1	1	Business, Marketing and Finance
Business Management	13011500	Business Information Management II	2	1	1	Business, Marketing and Finance
Business Management	13011510	Business Information Management II/Business Lab	2	1	1	Business, Marketing and Finance
Business Management	13011700	Business Law	2	1	1	Business, Marketing and Finance
Business Management	13012000	Virtual Business	2	1	0.5	Business, Marketing and Finance
Business Management	13012100	Business Management	3	2	1	Business, Marketing and Finance
Business Management	13011800	Global Business	3	2	0.5	Business, Marketing and Finance
Business Management	13011900	Human Resources Management	3	2	0.5	Business, Marketing and Finance
Business Management	12701300	Career Preparation I	4	2	2	Business, Marketing and Finance
Business Management	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Business, Marketing and Finance
Business Management	13012200	Practicum in Business Management (First Time Taken)	4	2	2	Business, Marketing and Finance
Business Management	13012205	Practicum in Business Management/Extended Practicum in Business Management (First Time Taken)	4	2	3	Business, Marketing and Finance
Business Management	13016900	Statistics and Business Decision Making	4	2	1	Business, Marketing and Finance
Business Management	13012210	Practicum in Business Management (Second Time Taken)	4	2	2	Business, Marketing and Finance
Business Management	13012215	Practicum in Business Management/Extended Practicum in Business Management (Second Time Taken)	4	2	3	Business, Marketing and Finance
Entrepreneurship	13011400	Business Information Management I	1	1	1	Business, Marketing and Finance
Entrepreneurship	13011410	Business Information Management I/Business Lab	1	1	2	Business, Marketing and Finance
Entrepreneurship	13011200	Principles of Business, Marketing, and Finance	1	1	1	Business, Marketing and Finance
Entrepreneurship	13034400	Entrepreneurship	2	1	1	Business, Marketing and Finance
Entrepreneurship	03580390	Mobile Application Development	3	2	.5-1	Business, Marketing and Finance
Entrepreneurship	N1303423	Entrepreneurship II	3	2	1	Business, Marketing and Finance
Entrepreneurship	12701300	Career Preparation I	4	2	2	Business, Marketing and Finance
Entrepreneurship	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Business, Marketing and Finance
Entrepreneurship	13012200	Practicum in Business Management (First Time Taken)	4	2	2	Business, Marketing and Finance
Entrepreneurship	13012205	Practicum in Business Management/Extended Practicum in Business Management (First Time Taken)	4	2	3	Business, Marketing and Finance
Entrepreneurship	12701500	Project-Based Research (First Time Taken)	4	2	1	Business, Marketing and Finance
Entrepreneurship	13012210	Practicum in Business Management (Second Time Taken)	4	2	2	Business, Marketing and Finance
Entrepreneurship	13012215	Practicum in Business Management/Extended Practicum in Business Management (Second Time Taken)	4	2	3	Business, Marketing and Finance
Entrepreneurship	13034800	Practicum in Marketing (First Time Taken)	4	2	2	Business, Marketing and Finance
Entrepreneurship	13034805	Practicum in Marketing/Extended Practicum in Marketing (First Time Taken)	4	2	3	Business, Marketing and Finance
Entrepreneurship	13034810	Practicum in Marketing (Second Time Taken)	4	2	2	Business, Marketing and Finance
Entrepreneurship	13034815	Practicum in Marketing/Extended Practicum in Marketing (Second Time Taken)	4	2	3	Business, Marketing and Finance
Marketing and Sales	13011200	Principles of Business, Marketing, and Finance	1	1	1	Business, Marketing and Finance
Marketing and Sales	13034600	Sports and Entertainment Marketing	2	1	0.5	Business, Marketing and Finance
Marketing and Sales	13012000	Virtual Business	2	1	0.5	Business, Marketing and Finance
Marketing and Sales	13034300	Fashion Marketing	2	1	0.5	Business, Marketing and Finance
Marketing and Sales	N1303424	Marketing	2	1	1	Business, Marketing and Finance
Marketing and Sales	13034200	Advertising	3	2	0.5	Business, Marketing and Finance
Marketing and Sales	N1303420	Retail Management	3	2	1	Business, Marketing and Finance
Marketing and Sales	13034650	Social Media Marketing	3	2	0.5	Business, Marketing and Finance
Marketing and Sales	N1303422	Sports and Entertainment Marketing II	3	2	0.5	Business, Marketing and Finance
Marketing and Sales	13016900	Statistics and Business Decision Making	3	2	1	Business, Marketing and Finance
Marketing and Sales	N1301120	Fundamentals of Real Estate	3	2	2	Business, Marketing and Finance
Marketing and Sales	13034700	Advanced Marketing	4	2	2	Business, Marketing and Finance
Marketing and Sales	12701300	Career Preparation I	4	2	2	Business, Marketing and Finance
Marketing and Sales	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Business, Marketing and Finance
Marketing and Sales	13034800	Practicum in Marketing (First Time Taken)	4	2	2	Business, Marketing and Finance
Marketing and Sales	13034805	Practicum in Marketing/Extended Practicum in Marketing (First Time Taken)	4	2	3	Business, Marketing and Finance
Marketing and Sales	13034810	Practicum in Marketing (Second Time Taken)	4	2	2	Business, Marketing and Finance

Statewide Programs of Study At a Glance Accessible Document
July 2020

Marketing and Sales	13034815	Practicum in Marketing/Extended Practicum in Marketing (Second Time Taken)	4	2	3	Business, Marketing and Finance
Early Learning	13014200	Principles of Education and Training	1	1	1	Education and Training
Early Learning	13024200	Principles of Human Services	1	1	1	Education and Training
Early Learning	13024700	Child Development	2	1	1	Education and Training
Early Learning	N1300500	Child Development Associate Foundations	2	1	1	Education and Training
Early Learning	13024800	Child Guidance	3	2	2	Education and Training
Early Learning	12701300	Career Preparation I	4	2	2	Education and Training
Early Learning	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Education and Training
Early Learning	12701500	Project-Based Research (First Time Taken)	4	2	1	Education and Training
Teaching and Training	13014200	Principles of Education and Training	1	1	1	Education and Training
Teaching and Training	13024200	Principles of Human Services	1	1	1	Education and Training
Teaching and Training	13024700	Child Development	2	1	1	Education and Training
Teaching and Training	13014300	Human Growth and Development	2	1	1	Education and Training
Teaching and Training	N1300510	Communication and Technology in Education	2	1	1	Education and Training
Teaching and Training	13014400	Instructional Practices	3	2	2	Education and Training
Teaching and Training	12701300	Career Preparation I	4	2	2	Education and Training
Teaching and Training	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Education and Training
Teaching and Training	13014500	Practicum in Education and Training (First Time Taken)	4	2	2	Education and Training
Teaching and Training	13014505	Practicum in Education and Training/Extended Practicum in Education and Training (First Time Taken)	4	2	3	Education and Training
Teaching and Training	12701500	Project-Based Research (First Time Taken)	4	2	1	Education and Training
Teaching and Training	13014510	Practicum in Education and Training (Second Time Taken)	4	2	2	Education and Training
Teaching and Training	13014515	Practicum in Education and Training/Extended Practicum in Education and Training (Second Time Taken)	4	2	3	Education and Training
Oil and Gas Exploration and Production	13001250	Oil and Gas Production I	1	1	1	Energy
Oil and Gas Exploration and Production	13001255	Oil and Gas Production I/Agriculture Laboratory and Field Experience	1	1	2	Energy
Oil and Gas Exploration and Production	13040503	Foundations of Energy	1	1	1	Energy
Oil and Gas Exploration and Production	N1303680	Occupational Safety & Environmental Technology I	2	1	1	Energy
Oil and Gas Exploration and Production	13001260	Oil and Gas Production II	2	1	1	Energy
Oil and Gas Exploration and Production	13001265	Oil and Gas Production II/Agriculture Laboratory and Field Experience	2	1	2	Energy
Oil and Gas Exploration and Production	12701300	Career Preparation I	3	2	2	Energy
Oil and Gas Exploration and Production	12701305	Career Preparation I/Extended Career Preparation	3	2	3	Energy
Oil and Gas Exploration and Production	N1303681	Occupational Safety & Environmental Technology II	3	2	1	Energy
Oil and Gas Exploration and Production	13040500	Oil and Gas Production III	3	2	1	Energy
Oil and Gas Exploration and Production	12701410	Applied Mathematics for Technical Professionals	4	2	1	Energy
Oil and Gas Exploration and Production	13040501	Oil and Gas Production IV	4	2	1	Energy
Oil and Gas Exploration and Production	12701500	Project-Based Research (First Time Taken)	4	2	1	Energy
Refining and Chemical Processes	13040503	Foundations of Energy	1	1	1	Energy
Refining and Chemical Processes	13040502	Introduction to Process Technology	2	1	1	Energy
Refining and Chemical Processes	N1303900	Introduction to Instrumentation and Electrical	2	1	1	Energy
Refining and Chemical Processes	13040504	Petrochemical Safety, Health, and Environment	3	2	1	Energy
Refining and Chemical Processes	12701410	Applied Mathematics for Technical Professionals	4	2	1	Energy
Refining and Chemical Processes	12701500	Project-Based Research (First Time Taken)	4	2	1	Energy
Exercise Science and Wellness	13024500	Lifetime Nutrition and Wellness	1	1	0.5	Health Science
Exercise Science and Wellness	N1303107	Principles of Exercise Science & Wellness	1	1	1	Health Science
Exercise Science and Wellness	N1302104	Kinesiology I	2	1	1	Health Science
Exercise Science and Wellness	13020600	Anatomy and Physiology	3	2	1	Health Science
Exercise Science and Wellness	12701500	Project-Based Research (First Time Taken)	4	2	1	Health Science
Exercise Science and Wellness	12701300	Career Preparation I	4	2	2	Health Science
Exercise Science and Wellness	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Health Science
Health Informatics	13020200	Principles of Health Science	1	1	1	Health Science

Statewide Programs of Study At a Glance Accessible Document
July 2020

Health Informatics	N1302108	Principles of Health Informatics	1	1	1	Health Science
Health Informatics	13020300	Medical Terminology	1	1	1	Health Science
Health Informatics	13011400	Business Information Management I	2	1	1	Health Science
Health Informatics	13011410	Business Information Management I/Lab	2	1	1	Health Science
Health Informatics	13020960	Health Informatics	3	2	1	Health Science
Health Informatics	13020970	Mathematics for Medical Professionals	4	2	1	Health Science
Health Informatics	13020900	World Health Research	4	2	1	Health Science
Health Informatics	12701500	Project-Based Research (First Time Taken)	4	2	1	Health Science
Healthcare Diagnostics	13020200	Principles of Health Science	1	1	1	Health Science
Healthcare Diagnostics	N1302106	Principles of Diagnostic Healthcare	1	1	1	Health Science
Healthcare Diagnostics	N1302102	Introduction to Imaging Technology	1	1	1	Health Science
Healthcare Diagnostics	13020300	Medical Terminology	2	1	1	Health Science
Healthcare Diagnostics	13020400	Health Science Theory	3	2	1	Health Science
Healthcare Diagnostics	13020410	Health Science Theory/Health Science Clinical	3	2	2	Health Science
Healthcare Diagnostics	13020700	Medical Microbiology	3	2	1	Health Science
Healthcare Diagnostics	13020600	Anatomy and Physiology	4	2	1	Health Science
Healthcare Diagnostics	13020800	Pathophysiology	4	2	1	Health Science
Healthcare Diagnostics	13020500	Practicum in Health Science (First Time Taken)	4	2	2	Health Science
Healthcare Diagnostics	13020505	Practicum in Health Science/Extended Practicum in Health Science (First Time Taken)	4	2	3	Health Science
Healthcare Diagnostics	13020510	Practicum in Health Science (Second Time Taken)	4	2	2	Health Science
Healthcare Diagnostics	13020515	Practicum in Health Science/Extended Practicum in Health Science (Second Time Taken)	4	2	3	Health Science
Healthcare Therapeutic	13020200	Principles of Health Science	1	1	1	Health Science
Healthcare Therapeutic	N1302110	Principles of Therapeutic Healthcare	1	1	1	Health Science
Healthcare Therapeutic	N1302103	Introduction to Pharmacy Science	1	1	1	Health Science
Healthcare Therapeutic	N1302101	Introduction to Dental Science	1	1	1	Health Science
Healthcare Therapeutic	13020300	Medical Terminology	2	1	1	Health Science
Healthcare Therapeutic	13020600	Anatomy and Physiology	3	2	1	Health Science
Healthcare Therapeutic	13020400	Health Science Theory	3	2	1	Health Science
Healthcare Therapeutic	13020410	Health Science Theory/Health Science Clinical	3	2	2	Health Science
Healthcare Therapeutic	13020700	Medical Microbiology	3	2	1	Health Science
Healthcare Therapeutic	13020800	Pathophysiology	4	2	1	Health Science
Healthcare Therapeutic	13020950	Pharmacology	4	2	1	Health Science
Healthcare Therapeutic	13020500	Practicum in Health Science (First Time Taken)	4	2	2	Health Science
Healthcare Therapeutic	13020505	Practicum in Health Science/Extended Practicum in Health Science (First Time Taken)	4	2	3	Health Science
Healthcare Therapeutic	13020510	Practicum in Health Science (Second Time Taken)	4	2	2	Health Science
Healthcare Therapeutic	13020515	Practicum in Health Science/Extended Practicum in Health Science (Second Time Taken)	4	2	3	Health Science
Medical Therapy	13020200	Principles of Health Science	1	1	1	Health Science
Medical Therapy	N1302105	Principles of Allied Health	1	1	1	Health Science
Medical Therapy	N1302100	Introduction to Speech Pathology and Audiology	1	1	1	Health Science
Medical Therapy	13020300	Medical Terminology	2	1	1	Health Science
Medical Therapy	N1302098	Speech and Language Development	2	1	1	Health Science
Medical Therapy	N1302099	Speech and Communication Disorders	3	2	1	Health Science
Medical Therapy	13020400	Health Science Theory	3	2	1	Health Science
Medical Therapy	13020410	Health Science Theory/Health Science Clinical	3	2	2	Health Science
Medical Therapy	13020500	Practicum in Health Science (First Time Taken)	4	2	2	Health Science
Medical Therapy	13020505	Practicum in Health Science/Extended Practicum in Health Science (First Time Taken)	4	2	3	Health Science
Medical Therapy	13020510	Practicum in Health Science (Second Time Taken)	4	2	2	Health Science
Medical Therapy	13020515	Practicum in Health Science/Extended Practicum in Health Science (Second Time Taken)	4	2	3	Health Science
Nursing Science	13020200	Principles of Health Science	1	1	1	Health Science

Statewide Programs of Study At a Glance Accessible Document
July 2020

Nursing Science	N1302109	Principles of Nursing Science	1	1	1	Health Science
Nursing Science	13020300	Medical Terminology	2	1	1	Health Science
Nursing Science	13020700	Medical Microbiology	3	2	1	Health Science
Nursing Science	13020600	Anatomy and Physiology	3	2	1	Health Science
Nursing Science	13020800	Pathophysiology	4	2	1	Health Science
Nursing Science	13020950	Pharmacology	4	2	1	Health Science
Culinary Arts	13022550	Introduction to Culinary Arts	1	1	1	Hospitality and Tourism
Culinary Arts	13022200	Principles of Hospitality and Tourism	1	1	1	Hospitality and Tourism
Culinary Arts	13022600	Culinary Arts	2	1	2	Hospitality and Tourism
Culinary Arts	N1302268	Foundations of Restaurant Management	2	1	1	Hospitality and Tourism
Culinary Arts	13022650	Advanced Culinary Arts	3	2	2	Hospitality and Tourism
Culinary Arts	12701300	Career Preparation I	4	2	2	Hospitality and Tourism
Culinary Arts	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Hospitality and Tourism
Culinary Arts	13023000	Food Science	4	2	1	Hospitality and Tourism
Culinary Arts	13022700	Practicum in Culinary Arts (First Time Taken)	4	2	2	Hospitality and Tourism
Culinary Arts	13022705	Practicum in Culinary Arts/Extended Practicum in Culinary Arts (First Time Taken)	4	2	3	Hospitality and Tourism
Culinary Arts	13022710	Practicum in Culinary Arts (Second Time Taken)	4	2	2	Hospitality and Tourism
Culinary Arts	13022715	Practicum in Culinary Arts/Extended Practicum in Culinary Arts (Second Time Taken)	4	2	3	Hospitality and Tourism
Lodging and Resort Management	13022200	Principles of Hospitality and Tourism	1	1	1	Hospitality and Tourism
Lodging and Resort Management	13022300	Hotel Management	2	1	1	Hospitality and Tourism
Lodging and Resort Management	13022500	Travel and Tourism Management	2	1	1	Hospitality and Tourism
Lodging and Resort Management	13022800	Hospitality Services	3	2	2	Hospitality and Tourism
Lodging and Resort Management	N1302269	Introduction to Event and Meeting Planning	3	2	1	Hospitality and Tourism
Lodging and Resort Management	12701300	Career Preparation I	4	2	2	Hospitality and Tourism
Lodging and Resort Management	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Hospitality and Tourism
Lodging and Resort Management	13022900	Practicum in Hospitality Services (First Time Taken)	4	2	2	Hospitality and Tourism
Lodging and Resort Management	13022905	Practicum in Hospitality Services/Extended Practicum in Hospitality Services (First Time Taken)	4	2	3	Hospitality and Tourism
Lodging and Resort Management	13022910	Practicum in Hospitality Services (Second Time Taken)	4	2	2	Hospitality and Tourism
Lodging and Resort Management	13022915	Practicum in Hospitality Services/Extended Practicum in Hospitality Services (Second Time Taken)	4	2	3	Hospitality and Tourism
Travel, Tourism, and Attractions	13022200	Principles of Hospitality and Tourism	1	1	1	Hospitality and Tourism
Travel, Tourism, and Attractions	13022500	Travel and Tourism Management	2	1	1	Hospitality and Tourism
Travel, Tourism, and Attractions	13034400	Entrepreneurship	2	1	1	Hospitality and Tourism
Travel, Tourism, and Attractions	13034600	Sports and Entertainment Marketing	2	1	0.5	Hospitality and Tourism
Travel, Tourism, and Attractions	13011800	Global Business	3	2	0.5	Hospitality and Tourism
Travel, Tourism, and Attractions	N1302270	Tourism Marketing Concepts and Applications	3	2	1	Hospitality and Tourism
Travel, Tourism, and Attractions	12701300	Career Preparation I	4	2	2	Hospitality and Tourism
Travel, Tourism, and Attractions	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Hospitality and Tourism
Travel, Tourism, and Attractions	13022900	Practicum in Hospitality Services (First Time Taken)	4	2	2	Hospitality and Tourism
Travel, Tourism, and Attractions	13022905	Practicum in Hospitality Services/Extended Practicum in Hospitality Services (First Time Taken)	4	2	3	Hospitality and Tourism
Travel, Tourism, and Attractions	13022910	Practicum in Hospitality Services (Second Time Taken)	4	2	2	Hospitality and Tourism
Travel, Tourism, and Attractions	13022915	Practicum in Hospitality Services/Extended Practicum in Hospitality Services (Second Time Taken)	4	2	3	Hospitality and Tourism
Family and Community Services	13024400	Interpersonal Studies	1	1	0.5	Human Services
Family and Community Services	13024300	Dollars and Sense	1	1	0.5	Human Services
Family and Community Services	13024200	Principles of Human Services	1	1	1	Human Services
Family and Community Services	13009900	Professional Communications	1	1	0.5	Human Services
Family and Community Services	N1302542	Principles of Community Services	1	1	1	Human Services
Family and Community Services	13024700	Child Development	2	1	1	Human Services
Family and Community Services	13014300	Human Growth and Development	2	1	1	Human Services
Family and Community Services	13024500	Lifetime Nutrition and Wellness	2	1	0.5	Human Services

Statewide Programs of Study At a Glance Accessible Document
July 2020

Family and Community Services	13024600	Counseling and Mental Health	3	2	1	Human Services
Family and Community Services	13024900	Family and Community Services	3	2	1	Human Services
Family and Community Services	12701300	Career Preparation I	4	2	2	Human Services
Family and Community Services	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Human Services
Family and Community Services	13025000	Practicum in Human Services (First Time Taken)	4	2	2	Human Services
Family and Community Services	13025005	Practicum in Human Services/Extended Practicum in Human Services (First Time Taken)	4	2	3	Human Services
Family and Community Services	12701500	Project-Based Research (First Time Taken)	4	2	1	Human Services
Family and Community Services	13025010	Practicum in Human Services (Second Time Taken)	4	2	2	Human Services
Family and Community Services	13025015	Practicum in Human Services/Extended Practicum in Human Services (Second Time Taken)	4	2	3	Human Services
Health and Wellness	13024200	Principles of Human Services	1	1	1	Human Services
Health and Wellness	13014300	Human Growth and Development	2	1	1	Human Services
Health and Wellness	13024500	Lifetime Nutrition and Wellness	2	1	0.5	Human Services
Health and Wellness	13024400	Interpersonal Studies	2	1	0.5	Human Services
Health and Wellness	N1302541	Applied Nutrition and Dietetics	3	2	1	Human Services
Health and Wellness	12701300	Career Preparation I	4	2	2	Human Services
Health and Wellness	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Human Services
Health and Wellness	13025000	Practicum in Human Services (First Time Taken)	4	2	2	Human Services
Health and Wellness	13025005	Practicum in Human Services/Extended Practicum in Human Services (First Time Taken)	4	2	3	Human Services
Health and Wellness	13025010	Practicum in Human Services (Second Time Taken)	4	2	2	Human Services
Health and Wellness	13025015	Practicum in Human Services/Extended Practicum in Human Services (Second Time Taken)	4	2	3	Human Services
Information Technology Support and Services	N1302805	Geographic Information Systems	1	1	1	Information Technology
Information Technology Support and Services	13027200	Principles of Information Technology	1	1	1	Information Technology
Information Technology Support and Services	13027300	Computer Maintenance	2	1	1	Information Technology
Information Technology Support and Services	13027310	Computer Maintenance/Computer Maintenance Lab	2	1	2	Information Technology
Information Technology Support and Services	N1302806	Raster Based Geographic Information Systems	2	1	1	Information Technology
Information Technology Support and Services	13027500	Computer Technician Practicum (First Time Taken)	3	2	2	Information Technology
Information Technology Support and Services	13027505	Computer Technician Practicum/Extended Computer Technician Practicum (First Time Taken)	3	2	3	Information Technology
Information Technology Support and Services	N1302807	Spatial Technology and Remote Sensing	3	2	1	Information Technology
Information Technology Support and Services	12701300	Career Preparation I	4	2	2	Information Technology
Information Technology Support and Services	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Information Technology
Information Technology Support and Services	13027510	Computer Technician Practicum (Second Time Taken)	4	2	2	Information Technology
Information Technology Support and Services	13027515	Computer Technician Practicum/Extended Computer Technician Practicum (Second Time Taken)	4	2	3	Information Technology
Information Technology Support and Services	13028000	Practicum in Information Technology (First Time Taken)	4	2	2	Information Technology
Information Technology Support and Services	13028005	Practicum in Information Technology/Extended Practicum in Information Technology (First Time Taken)	4	2	3	Information Technology
Information Technology Support and Services	12701500	Project-Based Research (First Time Taken)	4	2	1	Information Technology
Information Technology Support and Services	13028010	Practicum in Information Technology (Second Time Taken)	4	2	2	Information Technology
Information Technology Support and Services	13028015	Practicum in Information Technology/Extended Practicum in Information Technology (Second Time Taken)	4	2	3	Information Technology
Information Technology Support and Services	03580900	Independent Study in Technology Applications	4	2	1	Information Technology
Information Technology Support and Services	03581500	Independent Study in Evolving/Emerging Technologies	4	2	1	Information Technology
Networking Systems	13027200	Principles of Information Technology	1	1	1	Information Technology
Networking Systems	03580200	Computer Science I	1	1	1	Information Technology
Networking Systems	13027300	Computer Maintenance	2	1	1	Information Technology
Networking Systems	13027310	Computer Maintenance/Lab	2	1	2	Information Technology
Networking Systems	N1302803	Internetworking Technologies I	2	1	1	Information Technology
Networking Systems	A3580300	AP Computer Science Principles	2	1	1	Information Technology
Networking Systems	N1302813	Advanced Cloud Computing	3	2	1	Information Technology
Networking Systems	N1302804	Internetworking Technologies II	3	2	1	Information Technology
Networking Systems	13027400	Networking	3	2	1	Information Technology
Networking Systems	13027410	Networking/Networking Lab	3	2	2	Information Technology

Statewide Programs of Study At a Glance Accessible Document
July 2020

Networking Systems	12701300	Career Preparation I	4	2	2	Information Technology
Networking Systems	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Information Technology
Networking Systems	13028000	Practicum in Information Technology (First Time Taken)	4	2	2	Information Technology
Networking Systems	13028005	Practicum in Information Technology/Extended Practicum in Information Technology (First Time Taken)	4	2	3	Information Technology
Networking Systems	12701500	Project-Based Research (First Time Taken)	4	2	1	Information Technology
Networking Systems	13028010	Practicum in Information Technology (Second Time Taken)	4	2	2	Information Technology
Networking Systems	13028015	Practicum in Information Technology/Extended Practicum in Information Technology (Second Time Taken)	4	2	3	Information Technology
Networking Systems	03580900	Independent Study in Technology Applications	4	2	1	Information Technology
Networking Systems	03581500	Independent Study in Evolving/Emerging Technologies	4	2	1	Information Technology
Web Development	13027200	Principles of Information Technology	1	1	1	Information Technology
Web Development	13027600	Computer Programming I*retired	2	1	1	Information Technology
Web Development	13027900	Web Technologies*retired	2	1	1	Information Technology
Web Development	03580810	Web Communications	2	1	0.5	Information Technology
Web Development	03580200	Computer Science I	2	1	1	Information Technology
Web Development	N1302809	Foundations of User Experience (UX)	2	1	1	Information Technology
Web Development	03580820	Web Design	3	2	1	Information Technology
Web Development	03580830	Web Game Development	3	2	1	Information Technology
Web Development	N1302814	Advanced User Experience (UX) Design	3	2	1	Information Technology
Web Development	12701300	Career Preparation I	4	2	2	Information Technology
Web Development	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Information Technology
Web Development	13028000	Practicum in Information Technology (First Time Taken)	4	2	2	Information Technology
Web Development	13028005	Practicum in Information Technology/Extended Practicum in Information Technology (First Time Taken)	4	2	3	Information Technology
Web Development	12701500	Project-Based Research (First Time Taken)	4	2	1	Information Technology
Web Development	13028010	Practicum in Information Technology (Second Time Taken)	4	2	2	Information Technology
Web Development	13028015	Practicum in Information Technology/Extended Practicum in Information Technology (Second Time Taken)	4	2	3	Information Technology
Web Development	03580900	Independent Study in Technology Applications	4	2	1	Information Technology
Web Development	03581500	Independent Study in Evolving/Emerging Technologies	4	2	1	Information Technology
Emergency Services	13029200	Principles of Law, Public Safety, Corrections, and Security	1	1	1	Law and Public Service
Emergency Services	N1303011	Disaster Response	2	1	1	Law and Public Service
Emergency Services	13024600	Counseling and Mental Health	3	2	1	Law and Public Service
Emergency Services	13020600	Anatomy and Physiology	3	2	1	Law and Public Service
Emergency Services	N1303015	Emergency Medical Technician--Basic	3	2	2	Law and Public Service
Emergency Services	13029900	Firefighter I	3	2	2	Law and Public Service
Emergency Services	13018800	National Security	3	2	1	Law and Public Service
Emergency Services	13030000	Firefighter II	4	2	3	Law and Public Service
Emergency Services	13030100	Practicum in Law, Public Safety, Corrections, and Security (First Time Taken)	4	2	2	Law and Public Service
Emergency Services	13030105	Practicum in Law, Public Safety, Corrections, and Security/Extended Practicum in Law, Public Safety, Corrections, and Security (First Time Taken)	4	2	3	Law and Public Service
Emergency Services	12701500	Project-Based Research (First Time Taken)	4	2	1	Law and Public Service
Emergency Services	13030110	Practicum in Law, Public Service, Corrections, and Security (Second Time Taken)	4	2	2	Law and Public Service
Emergency Services	13030115	Practicum in Law, Public Service, Corrections, and Security/Extended Practicum in Law, Public Service, Corrections, and Security (Second Time Taken)	4	2	3	Law and Public Service
Government and Public Administration	13018200	Principles of Government and Public Administration	1	1	1	Law and Public Service
Government and Public Administration	13018300	Political Science I	2	1	1	Law and Public Service
Government and Public Administration	13029800	Federal Law Enforcement and Protective Services	2	1	1	Law and Public Service
Government and Public Administration	13018700	Planning and Governance	3	2	1	Law and Public Service
Government and Public Administration	13018400	Political Science II	3	2	1	Law and Public Service
Government and Public Administration	N1301820	Dimensions of Diplomacy	3	2	1	Law and Public Service
Government and Public Administration	13019000	Practicum in Local, State, and Federal Government (First Time Taken)	4	2	2	Law and Public Service
Government and Public Administration	13019005	Practicum in Local, State, and Federal Government/Extended Practicum in Local, State, and Federal Government (First Time Taken)	4	2	3	Law and Public Service
Government and Public Administration	13018600	Public Management and Administration	4	2	1	Law and Public Service

Statewide Programs of Study At a Glance Accessible Document
July 2020

Government and Public Administration	13018500	Revenue, Taxation, and Regulation	4	2	1	Law and Public Service
Government and Public Administration	13019010	Practicum in Local, State, and Federal Government (Second Time Taken)	4	2	2	Law and Public Service
Government and Public Administration	13019015	Practicum in Local, State, and Federal Government/Extended Practicum in Local, State, and Federal Government (Second Time Taken)	4	2	3	Law and Public Service
Law Enforcement	13029200	Principles of Law, Public Safety, Corrections, and Security	1	1	1	Law and Public Service
Law Enforcement	13029550	Criminal Investigation	2	1	1	Law and Public Service
Law Enforcement	13029800	Federal Law Enforcement and Protective Services	2	1	1	Law and Public Service
Law Enforcement	13029300	Law Enforcement I	2	1	1	Law and Public Service
Law Enforcement	13029700	Correctional Services	3	2	1	Law and Public Service
Law Enforcement	N1303012	Forensic Psychology	3	2	1	Law and Public Service
Law Enforcement	13029400	Law Enforcement II	3	2	1	Law and Public Service
Law Enforcement	13024600	Counseling and Mental Health	4	2	1	Law and Public Service
Law Enforcement	13029500	Forensic Science	4	2	1	Law and Public Service
Law Enforcement	13030100	Practicum in Law, Public Safety, Corrections, and Security (First Time Taken)	4	2	2	Law and Public Service
Law Enforcement	13030105	Practicum in Law, Public Safety, Corrections, and Security/Extended Practicum in Law, Public Safety, Corrections, and Security (First Time Taken)	4	2	3	Law and Public Service
Law Enforcement	13030110	Practicum in Law, Public Service, Corrections, and Security (Second Time Taken)	4	2	2	Law and Public Service
Law Enforcement	13030115	Practicum in Law, Public Service, Corrections, and Security/Extended Practicum in Law, Public Service, Corrections, and Security (Second Time Taken)	4	2	3	Law and Public Service
Legal Studies	13029200	Principles of Law, Public Safety, Corrections, and Security	1	1	1	Law and Public Service
Legal Studies	13011700	Business Law	2	1	1	Law and Public Service
Legal Studies	13029600	Court Systems and Practices	2	1	1	Law and Public Service
Legal Studies	13018300	Political Science I	2	1	1	Law and Public Service
Legal Studies	N1303014	Legal Research and Writing	3	2	1	Law and Public Service
Legal Studies	13018400	Political Science II	3	2	1	Law and Public Service
Legal Studies	N1303016	Advanced Legal Skills and Professions	3	2	1	Law and Public Service
Legal Studies	12701300	Career Preparation I	4	2	2	Law and Public Service
Legal Studies	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Law and Public Service
Legal Studies	13030100	Practicum in Law, Public Safety, Corrections, and Security (First Time Taken)	4	2	2	Law and Public Service
Legal Studies	13030105	Practicum in Law, Public Safety, Corrections, and Security/Extended Practicum in Law, Public Safety, Corrections, and Security (First Time Taken)	4	2	3	Law and Public Service
Legal Studies	12701500	Project-Based Research (First Time Taken)	4	2	1	Law and Public Service
Legal Studies	13030110	Practicum in Law, Public Service, Corrections, and Security (Second Time Taken)	4	2	2	Law and Public Service
Legal Studies	13030115	Practicum in Law, Public Service, Corrections, and Security/Extended Practicum in Law, Public Service, Corrections, and Security (Second Time Taken)	4	2	3	Law and Public Service
Advanced Manufacturing and Machinery Me	13036200	Principles of Applied Engineering	1	1	1	Manufacturing
Advanced Manufacturing and Machinery Me	N1303680	Occupational Safety & Environmental Technology I	2	1	1	Manufacturing
Advanced Manufacturing and Machinery Me	13032200	Principles of Manufacturing	1	1	1	Manufacturing
Advanced Manufacturing and Machinery Me	13036500	Engineering Design & Presentation I	2	1	1	Manufacturing
Advanced Manufacturing and Machinery Me	N1303681	Occupational Safety & Environmental Technology II	3	2	1	Manufacturing
Advanced Manufacturing and Machinery Me	13037000	Robotics I	2	1	1	Manufacturing
Advanced Manufacturing and Machinery Me	13032900	Manufacturing Engineering Technology I	2	1	1	Manufacturing
Advanced Manufacturing and Machinery Me	N1303689	Programmable Logic Controller I	2	1	1	Manufacturing
Advanced Manufacturing and Machinery Me	13037050	Robotics II	3	2	1	Manufacturing
Advanced Manufacturing and Machinery Me	13032950	Manufacturing Engineering Technology II	3	2	1	Manufacturing
Advanced Manufacturing and Machinery Me	13033000	Practicum in Manufacturing (First Time Taken)	4	2	2	Manufacturing
Advanced Manufacturing and Machinery Me	13033005	Practicum in Manufacturing/Extended Practicum in Manufacturing (First Time Taken)	4	2	3	Manufacturing
Advanced Manufacturing and Machinery Me	12701300	Career Preparation I	4	2	2	Manufacturing
Advanced Manufacturing and Machinery Me	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Manufacturing
Advanced Manufacturing and Machinery Me	13033010	Practicum in Manufacturing (Second Time Taken)	4	2	2	Manufacturing
Advanced Manufacturing and Machinery Me	13033015	Practicum in Manufacturing/Extended Practicum in Manufacturing (Second Time Taken)	4	2	3	Manufacturing
Manufacturing Technology	N1303684	Blueprint Reading for Manufacturing Applications	1	1	1	Manufacturing
Manufacturing Technology	N1303680	Occupational Safety & Environmental Technology I	2	1	1	Manufacturing
Manufacturing Technology	13032200	Principles of Manufacturing	1	1	1	Manufacturing

Statewide Programs of Study At a Glance Accessible Document
July 2020

Manufacturing Technology	13036200	Principles of Applied Engineering	1	1	1	Manufacturing
Manufacturing Technology	13032650	Diversified Manufacturing I	2	1	1	Manufacturing
Manufacturing Technology	13032700	Metal Fabrication and Machining I	2	1	2	Manufacturing
Manufacturing Technology	N1303681	Occupational Safety & Environmental Technology II	3	2	1	Manufacturing
Manufacturing Technology	13032660	Diversified Manufacturing II	3	2	1	Manufacturing
Manufacturing Technology	13032800	Metal Fabrication and Machining II	3	2	2	Manufacturing
Manufacturing Technology	N1303682	Occupational Safety & Environmental Technology III	4	2	2	Manufacturing
Manufacturing Technology	13032500	Precision Metal Manufacturing I	3	2	2	Manufacturing
Manufacturing Technology	N1303748	Computer Integrated Manufacturing (PLTW)	3	2	1	Manufacturing
Manufacturing Technology	13033000	Practicum in Manufacturing (First Time Taken)	4	2	2	Manufacturing
Manufacturing Technology	13033005	Practicum in Manufacturing/Extended Practicum in Manufacturing (First Time Taken)	4	2	3	Manufacturing
Manufacturing Technology	13032600	Precision Metal Manufacturing II	4	2	2	Manufacturing
Manufacturing Technology	13032610	Precision Metal Manufacturing II/Precision Metal Manufacturing II Lab	4	2	3	Manufacturing
Manufacturing Technology	13033010	Practicum in Manufacturing (Second Time Taken)	4	2	2	Manufacturing
Manufacturing Technology	13033015	Practicum in Manufacturing/Extended Practicum in Manufacturing (Second Time Taken)	4	2	3	Manufacturing
Welding	13032250	Introduction to Welding	1	1	1	Manufacturing
Welding	13032300	Welding I	2	1	2	Manufacturing
Welding	N1303687	Introduction to Film Interpretation of Weldments	2	1	1	Manufacturing
Welding	13032400	Welding II	3	2	2	Manufacturing
Welding	13032410	Welding II/Welding II Lab	3	2	3	Manufacturing
Welding	12701300	Career Preparation I	4	2	2	Manufacturing
Welding	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Manufacturing
Welding	13033000	Practicum in Manufacturing (First Time Taken)	4	2	2	Manufacturing
Welding	13033005	Practicum in Manufacturing/Extended Practicum in Manufacturing (First Time Taken)	4	2	3	Manufacturing
Welding	13033010	Practicum in Manufacturing (Second Time Taken)	4	2	2	Manufacturing
Welding	13033015	Practicum in Manufacturing/Extended Practicum in Manufacturing (Second Time Taken)	4	2	3	Manufacturing
Bio-Medical Science	13036300	Principles of Biosciences	1	1	1	Science, Technology, Engineering and Math
Bio-Medical Science	N1302092	Principles of Biomedical Science (PLTW)	1	1	1	Science, Technology, Engineering and Math
Bio-Medical Science	N1302093	Human Body Systems (PLTW)	2	1	1	Science, Technology, Engineering and Math
Bio-Medical Science	13036400	Biotechnology I	2	1	1	Science, Technology, Engineering and Math
Bio-Medical Science	13036450	Biotechnology II	3	2	1	Science, Technology, Engineering and Math
Bio-Medical Science	13020700	Medical Microbiology	3	2	1	Science, Technology, Engineering and Math
Bio-Medical Science	N1302094	Medical Interventions (PLTW)	3	2	1	Science, Technology, Engineering and Math
Bio-Medical Science	13020800	Pathophysiology	4	2	1	Science, Technology, Engineering and Math
Bio-Medical Science	N1302095	Biomedical Innovation (PLTW)	4	2	1	Science, Technology, Engineering and Math
Bio-Medical Science	13037400	Practicum in Science, Technology, Engineering, and Mathematics (First Time Taken)	4	2	2	Science, Technology, Engineering and Math
Bio-Medical Science	13037405	Practicum in Science, Technology, Engineering, and Mathematics/Extended Practicum in Science, Technology, Engineering, and Mathematics (First Time Taken)	4	2	3	Science, Technology, Engineering and Math
Bio-Medical Science	13037200	Scientific Research and Design	4	2	1	Science, Technology, Engineering and Math
Bio-Medical Science	13037410	Practicum in Science, Technology, Engineering, and Mathematics (Second Time Taken)	4	2	2	Science, Technology, Engineering and Math
Bio-Medical Science	13037415	Practicum in Science, Technology, Engineering, and Mathematics/Extended Practicum in Science, Technology, Engineering, and Mathematics (Second Time Taken)	4	2	3	Science, Technology, Engineering and Math
Cybersecurity	13027300	Computer Maintenance	2	1	1	Science, Technology, Engineering and Math
Cybersecurity	13027310	Computer Maintenance/Computer Maintenance Lab	2	1	2	Science, Technology, Engineering and Math
Cybersecurity	N1302804	Internetworking Technologies II (Cisco)	3	2	1	Science, Technology, Engineering and Math
Cybersecurity	03580360	Digital Forensics	3	2	1	Science, Technology, Engineering and Math
Cybersecurity	A3580110	AP Computer Science A - Math Credit	3	2	1	Science, Technology, Engineering and Math
Cybersecurity	A3580120	AP Computer Science A - LOTE Credit	3	2	1	Science, Technology, Engineering and Math
Cybersecurity	13037400	Practicum in Science, Technology, Engineering, and Mathematics (First Time Taken)	4	2	2	Science, Technology, Engineering and Math
Cybersecurity	13037405	Practicum in Science, Technology, Engineering, and Mathematics/Extended Practicum in Science, Technology, Engineering, and Mathematics (First Time Taken)	4	2	3	Science, Technology, Engineering and Math
Cybersecurity	13027200	Principles of Information Technology	1	1	1	Science, Technology, Engineering and Math

Statewide Programs of Study At a Glance Accessible Document
July 2020

Cybersecurity	03580140	Fundamentals of Computer Science	1	1	1	Science, Technology, Engineering and Math
Cybersecurity	03580850	Foundations of Cybersecurity	1	1	1	Science, Technology, Engineering and Math
Cybersecurity	N1302803	Internetworking Technologies I (Cisco)	2	1	1	Science, Technology, Engineering and Math
Cybersecurity	13027600	Computer Programming I*retired	2	1	1	Science, Technology, Engineering and Math
Cybersecurity	03580200	Computer Science I	2	1	1	Science, Technology, Engineering and Math
Cybersecurity	A3580300	AP Computer Science Principles	2	1	1	Science, Technology, Engineering and Math
Cybersecurity	N1303772	Engineering Applications of Computer Science Principles	3	2	1	Science, Technology, Engineering and Math
Cybersecurity	13027400	Networking	3	2	1	Science, Technology, Engineering and Math
Cybersecurity	13027410	Networking/Networking Lab	3	2	2	Science, Technology, Engineering and Math
Cybersecurity	I3580200	IB Computer Science Standard Level	3	2	2	Science, Technology, Engineering and Math
Cybersecurity	03580370	Discrete Mathematics for Computer Science	3	2	1	Science, Technology, Engineering and Math
Cybersecurity	03580855	Cybersecurity Capstone	4	2	1	Science, Technology, Engineering and Math
Cybersecurity	13028000	Practicum in Information Technology (First Time Taken)	4	2	2	Science, Technology, Engineering and Math
Cybersecurity	13028005	Practicum in Information Technology/Extended Practicum in Information Technology (First Time Taken)	4	2	3	Science, Technology, Engineering and Math
Cybersecurity	12701500	Project-Based Research (First Time Taken)	4	2	1	Science, Technology, Engineering and Math
Cybersecurity	13037410	Practicum in Science, Technology, Engineering, and Mathematics (Second Time Taken)	4	2	2	Science, Technology, Engineering and Math
Cybersecurity	13037415	Practicum in Science, Technology, Engineering, and Mathematics/Extended Practicum in Science, Technology, Engineering, and Mathematics (Second Time Taken)	4	2	3	Science, Technology, Engineering and Math
Cybersecurity	13028010	Practicum in Information Technology (Second Time Taken)	4	2	2	Science, Technology, Engineering and Math
Cybersecurity	13028015	Practicum in Information Technology/Extended Practicum in Information Technology (Second Time Taken)	4	2	3	Science, Technology, Engineering and Math
Cybersecurity	03580900	Independent Study in Technology Applications	4	2	1	Science, Technology, Engineering and Math
Cybersecurity	03581500	Independent Study in Evolving/Emerging Technologies	4	2	1	Science, Technology, Engineering and Math
Cybersecurity	I3580310	IB Computer Science Higher Level-MATH	4	2	1	Science, Technology, Engineering and Math
Cybersecurity	I3580320	IB Computer Science Higher Level-LOTE	4	2	1	Science, Technology, Engineering and Math
Engineering	13036200	Principles of Applied Engineering	1	1	1	Science, Technology, Engineering and Math
Engineering	N1303742	Introduction to Engineering Design (PLTW)	1	1	1	Science, Technology, Engineering and Math
Engineering	N1303760	Engineering Essentials	1	1	1	Science, Technology, Engineering and Math
Engineering	13032900	Manufacturing Engineering Technology I	2	1	1	Science, Technology, Engineering and Math
Engineering	N1303749	Engineering Design and Development (PLTW)	3	2	1	Science, Technology, Engineering and Math
Engineering	13036500	Engineering Design and Presentation I	3	2	1	Science, Technology, Engineering and Math
Engineering	N1303748	Computer Integrated Manufacturing (PLTW)	3	2	1	Science, Technology, Engineering and Math
Engineering	N1303745	Aerospace Engineering (PLTW)	3	2	1	Science, Technology, Engineering and Math
Engineering	13037600	Digital Electronics	3	2	1	Science, Technology, Engineering and Math
Engineering	N1303747	Civil Engineering and Architecture (PLTW)	3	2	1	Science, Technology, Engineering and Math
Engineering	13037500	Engineering Science	3	2	1	Science, Technology, Engineering and Math
Engineering	N1303746	Environmental Sustainability (PLTW)	3	2	1	Science, Technology, Engineering and Math
Engineering	13037300	Engineering Design and Problem Solving	4	2	1	Science, Technology, Engineering and Math
Engineering	13036600	Engineering Design and Presentation II	4	2	2	Science, Technology, Engineering and Math
Engineering	13037400	Practicum in Science, Technology, Engineering, and Mathematics (First Time Taken)	4	2	2	Science, Technology, Engineering and Math
Engineering	13037405	Practicum in Science, Technology, Engineering, and Mathematics/Extended Practicum in Science, Technology, Engineering, and Mathematics (First Time Taken)	4	2	3	Science, Technology, Engineering and Math
Engineering	13037200	Scientific Research and Design	4	2	1	Science, Technology, Engineering and Math
Engineering	13037410	Practicum in Science, Technology, Engineering, and Mathematics (Second Time Taken)	4	2	2	Science, Technology, Engineering and Math
Engineering	13037415	Practicum in Science, Technology, Engineering, and Mathematics/Extended Practicum in Science, Technology, Engineering, and Mathematics (Second Time Taken)	4	2	3	Science, Technology, Engineering and Math
Programming and Software Development	03580140	Fundamentals of Computer Science	1	1	1	Science, Technology, Engineering and Math
Programming and Software Development	13027600	Computer Programming I*retired	2	1	1	Science, Technology, Engineering and Math
Programming and Software Development	A3580300	AP Computer Science Principles	2	1	1	Science, Technology, Engineering and Math
Programming and Software Development	03580200	Computer Science I	2	1	1	Science, Technology, Engineering and Math
Programming and Software Development	03580380	Game Programming and Design	2	1	1	Science, Technology, Engineering and Math
Programming and Software Development	N1302812	Introduction to C+ Programming Applications	3	2	1	Science, Technology, Engineering and Math
Programming and Software Development	A3580110	AP Computer Science A - Math Credit	3	2	1	Science, Technology, Engineering and Math

Statewide Programs of Study At a Glance Accessible Document
July 2020

Programming and Software Development	03580390	Mobile Application Development	3	2	1	Science, Technology, Engineering and Math
Programming and Software Development	03580300	Computer Science II	3	2	1	Science, Technology, Engineering and Math
Programming and Software Development	13027700	Computer Programming II*retired	3	2	1	Science, Technology, Engineering and Math
Programming and Software Development	A3580120	AP Computer Science A - LOTE Credit	3	2	1	Science, Technology, Engineering and Math
Programming and Software Development	I3580200	IB Computer Science Standard Level	3	2	2	Science, Technology, Engineering and Math
Programming and Software Development	N1302813	Advanced Cloud Computing	3	2	1	Science, Technology, Engineering and Math
Programming and Software Development	03580370	Discrete Mathematics for Computer Science	3	2	1	Science, Technology, Engineering and Math
Programming and Software Development	03580350	Computer Science III	4	2	1	Science, Technology, Engineering and Math
Programming and Software Development	13008700	Practicum in Audio/Video Production (First Time Taken)	4	2	2	Science, Technology, Engineering and Math
Programming and Software Development	13008705	Practicum in Audio/Video Production/Extended Practicum in Audio/Video Production (First Time Taken)	4	2	3	Science, Technology, Engineering and Math
Programming and Software Development	13028000	Practicum in Information Technology (First Time Taken)	4	2	2	Science, Technology, Engineering and Math
Programming and Software Development	13028005	Practicum in Information Technology/Extended Practicum in Information Technology (First Time Taken)	4	2	3	Science, Technology, Engineering and Math
Programming and Software Development	12701300	Career Preparation I	4	2	2	Science, Technology, Engineering and Math
Programming and Software Development	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Science, Technology, Engineering and Math
Programming and Software Development	13037410	Practicum in Science, Technology, Engineering, and Mathematics (Second Time Taken)	4	2	2	Science, Technology, Engineering and Math
Programming and Software Development	13037415	Practicum in Science, Technology, Engineering, and Mathematics/Extended Practicum in Science, Technology, Engineering, and Mathematics (Second Time Taken)	4	2	3	Science, Technology, Engineering and Math
Programming and Software Development	13028010	Practicum in Information Technology (Second Time Taken)	4	2	2	Science, Technology, Engineering and Math
Programming and Software Development	13028015	Practicum in Information Technology/Extended Practicum in Information Technology (Second Time Taken)	4	2	3	Science, Technology, Engineering and Math
Programming and Software Development	13008710	Practicum in Audio/Video Production (Second Time Taken)	4	2	2	Science, Technology, Engineering and Math
Programming and Software Development	13008715	Practicum in Audio/Video Production/Extended Practicum in Audio/Video Production (Second Time Taken)	4	2	3	Science, Technology, Engineering and Math
Programming and Software Development	13037400	Practicum in Science, Technology, Engineering, and Mathematics (First Time Taken)	4	2	2	Science, Technology, Engineering and Math
Programming and Software Development	13037405	Practicum in Science, Technology, Engineering, and Mathematics/Extended Practicum in Science, Technology, Engineering, and Mathematics (First Time Taken)	4	2	3	Science, Technology, Engineering and Math
Programming and Software Development	03580900	Independent Study in Technology Applications	4	2	1	Science, Technology, Engineering and Math
Programming and Software Development	03581500	Independent Study in Evolving/Emerging Technologies	4	2	1	Science, Technology, Engineering and Math
Programming and Software Development	I3580310	IB Computer Science Higher Level-MATH	4	2	1	Science, Technology, Engineering and Math
Programming and Software Development	I3580320	IB Computer Science Higher Level-LOTE	4	2	1	Science, Technology, Engineering and Math
Renewable Energy	13036200	Principles of Applied Engineering	1	1	1	Science, Technology, Engineering and Math
Renewable Energy	13040503	Foundations of Energy	1	1	1	Science, Technology, Engineering and Math
Renewable Energy	13036800	AC/DC Electronics	2	1	1	Science, Technology, Engineering and Math
Renewable Energy	13001100	Energy and Natural Resources Technology	3	2	1	Science, Technology, Engineering and Math
Renewable Energy	N1303746	Environmental Sustainability (PLTW)	3	2	1	Science, Technology, Engineering and Math
Renewable Energy	13036900	Solid State Electronics	3	2	1	Science, Technology, Engineering and Math
Renewable Energy	13037200	Scientific Research and Design	3	2	1	Science, Technology, Engineering and Math
Renewable Energy	13037600	Digital Electronics	4	2	1	Science, Technology, Engineering and Math
Renewable Energy	13037300	Engineering Design and Problem Solving	4	2	1	Science, Technology, Engineering and Math
Renewable Energy	12701500	Project-Based Research (First Time Taken)	4	2	1	Science, Technology, Engineering and Math
Renewable Energy	12701410	Applied Mathematics for Technical Professionals	4	2	1	Science, Technology, Engineering and Math
Renewable Energy	13037410	Practicum in Science, Technology, Engineering, and Mathematics (Second Time Taken)	4	2	2	Science, Technology, Engineering and Math
Renewable Energy	13037415	Practicum in Science, Technology, Engineering, and Mathematics/Extended Practicum in Science, Technology, Engineering, and Mathematics (Second Time Taken)	4	2	3	Science, Technology, Engineering and Math
Renewable Energy	13037400	Practicum in Science, Technology, Engineering, and Mathematics (First Time Taken)	4	2	2	Science, Technology, Engineering and Math
Renewable Energy	13037405	Practicum in Science, Technology, Engineering, and Mathematics/Extended Practicum in Science, Technology, Engineering, and Mathematics (First Time Taken)	4	2	3	Science, Technology, Engineering and Math
Automotive	13039250	Principles of Transportation Systems	1	1	1	Transportation, Distribution and Logistics
Automotive	13040000	Small Engine Technology I	1	1	1	Transportation, Distribution and Logistics
Automotive	13039750	Basic Collision Repair and Refinishing	1	1	1	Transportation, Distribution and Logistics
Automotive	13039550	Automotive Basics	2	1	1	Transportation, Distribution and Logistics
Automotive	13039270	Introduction to Transportation Technology	2	1	0.5	Transportation, Distribution and Logistics
Automotive	13040100	Small Engine Technology II	2	1	2	Transportation, Distribution and Logistics
Automotive	13039800	Collision Repair	2	1	2	Transportation, Distribution and Logistics
Automotive	13039810	Collision Repair/Advanced Transportation Systems Laboratory	2	1	3	Transportation, Distribution and Logistics

Statewide Programs of Study At a Glance Accessible Document
July 2020

Automotive	N1303680	Occupational Safety & Environmental Technology I	2	1	1	Transportation, Distribution and Logistics
Automotive	13039600	Automotive Technology I: Maintenance and Light Repair	3	2	2	Transportation, Distribution and Logistics
Automotive	13039300	Energy and Power of Transportation Systems	3	2	1	Transportation, Distribution and Logistics
Automotive	13039900	Paint and Refinishing	3	2	2	Transportation, Distribution and Logistics
Automotive	13039910	Paint and Refinishing/Advanced Transportation Systems Laboratory	3	2	3	Transportation, Distribution and Logistics
Automotive	13039700	Automotive Technology II: Automotive Service	4	2	2	Transportation, Distribution and Logistics
Automotive	13039710	Automotive Technology II: Automotive Service/Advanced Transportation Systems Laboratory	4	2	3	Transportation, Distribution and Logistics
Automotive	13040450	Practicum in Transportation Systems (First Time Taken)	4	2	2	Transportation, Distribution and Logistics
Automotive	13040455	Practicum in Transportation Systems/Extended Practicum in Transportation Systems (First Time Taken)	4	2	3	Transportation, Distribution and Logistics
Automotive	12701300	Career Preparation I	4	2	2	Transportation, Distribution and Logistics
Automotive	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Transportation, Distribution and Logistics
Automotive	13040460	Practicum in Transportation Systems (Second Time Taken)	4	2	2	Transportation, Distribution and Logistics
Automotive	13040465	Practicum in Transportation Systems/Extended Practicum in Transportation Systems (Second Time Taken)	4	2	3	Transportation, Distribution and Logistics
Aviation Maintenance	13039350	Introduction to Aircraft Technology	1	1	1	Transportation, Distribution and Logistics
Aviation Maintenance	N1303680	Occupational Safety & Environmental Technology I	2	1	1	Transportation, Distribution and Logistics
Aviation Maintenance	13039400	Aircraft Airframe Technology	3	2	2	Transportation, Distribution and Logistics
Aviation Maintenance	13039410	Aircraft Airframe Technology/Advanced Transportation Systems Laboratory	3	2	3	Transportation, Distribution and Logistics
Aviation Maintenance	13039500	Aircraft Powerplant Technology	4	2	2	Transportation, Distribution and Logistics
Aviation Maintenance	13039510	Aircraft Powerplant Technology/Advanced Transportation Systems Laboratory	4	2	3	Transportation, Distribution and Logistics
Aviation Maintenance	13040450	Practicum in Transportation Systems (First Time Taken)	4	2	2	Transportation, Distribution and Logistics
Aviation Maintenance	13040455	Practicum in Transportation Systems/Extended Practicum in Transportation Systems (First Time Taken)	4	2	3	Transportation, Distribution and Logistics
Aviation Maintenance	12701300	Career Preparation I	4	2	2	Transportation, Distribution and Logistics
Aviation Maintenance	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Transportation, Distribution and Logistics
Aviation Maintenance	13040460	Practicum in Transportation Systems (Second Time Taken)	4	2	2	Transportation, Distribution and Logistics
Aviation Maintenance	13040465	Practicum in Transportation Systems/Extended Practicum in Transportation Systems (Second Time Taken)	4	2	3	Transportation, Distribution and Logistics
Diesel and Heavy Equipment	13039270	Introduction to Transportation Technology	1	1	0.5	Transportation, Distribution and Logistics
Diesel and Heavy Equipment	13039250	Principles of Transportation Systems	1	1	1	Transportation, Distribution and Logistics
Diesel and Heavy Equipment	13040150	Diesel Equipment Technology I	2	1	2	Transportation, Distribution and Logistics
Diesel and Heavy Equipment	N1303680	Occupational Safety & Environmental Technology I	2	1	1	Transportation, Distribution and Logistics
Diesel and Heavy Equipment	13040160	Diesel Equipment Technology II	3	2	2	Transportation, Distribution and Logistics
Diesel and Heavy Equipment	13040170	Diesel Equipment Technology II/Advanced Transportation Systems Laboratory	3	2	3	Transportation, Distribution and Logistics
Diesel and Heavy Equipment	13040450	Practicum in Transportation Systems (First Time Taken)	4	2	2	Transportation, Distribution and Logistics
Diesel and Heavy Equipment	13040455	Practicum in Transportation Systems/Extended Practicum in Transportation Systems (First Time Taken)	4	2	3	Transportation, Distribution and Logistics
Diesel and Heavy Equipment	12701300	Career Preparation I	4	2	2	Transportation, Distribution and Logistics
Diesel and Heavy Equipment	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Transportation, Distribution and Logistics
Diesel and Heavy Equipment	13040460	Practicum in Transportation Systems (Second Time Taken)	4	2	2	Transportation, Distribution and Logistics
Diesel and Heavy Equipment	13040465	Practicum in Transportation Systems/Extended Practicum in Transportation Systems (Second Time Taken)	4	2	3	Transportation, Distribution and Logistics
Distribution and Logistics	13039260	Principles of Distribution and Logistics	1	1	1	Transportation, Distribution and Logistics
Distribution and Logistics	13040200	Management of Transportation Systems	2	1	1	Transportation, Distribution and Logistics
Distribution and Logistics	N1303800	Concepts of Distribution and Logistics Technology	2	1	1	Transportation, Distribution and Logistics
Distribution and Logistics	N1303680	Occupational Safety & Environmental Technology I	2	1	1	Transportation, Distribution and Logistics
Distribution and Logistics	13040300	Distribution and Logistics	3	2	1	Transportation, Distribution and Logistics
Distribution and Logistics	N1302806	Raster Based Geographic Information Systems	2	1	1	Transportation, Distribution and Logistics
Distribution and Logistics	N1303801	Logistics Engineering	3	2	1	Transportation, Distribution and Logistics
Distribution and Logistics	13040470	Practicum in Distribution and Logistics (First Time Taken)	4	2	2	Transportation, Distribution and Logistics
Distribution and Logistics	13040475	Practicum in Distribution and Logistics/Extended Practicum in Distribution and Logistics (First Time Taken)	4	2	3	Transportation, Distribution and Logistics
Distribution and Logistics	12701300	Career Preparation I	4	2	2	Transportation, Distribution and Logistics
Distribution and Logistics	12701305	Career Preparation I/Extended Career Preparation	4	2	3	Transportation, Distribution and Logistics
Distribution and Logistics	13040480	Practicum in Distribution and Logistics (Second Time Taken)	4	2	2	Transportation, Distribution and Logistics

Statewide Programs of Study At a Glance Accessible Document
July 2020

Distribution and Logistics	13040485	Practicum in Distribution and Logistics/Extended Practicum in Distribution and Logistics (Second Time Taken)	4	2	3	Transportation, Distribution and Logistics
----------------------------	----------	--	---	---	---	--