Agriculture, Food, and Natural Resources
Agribusiness Systems
Agriculture Energy Systems
Agriculture Leadership in Animal Production
Agriculture Leadership in Aquaculture
Agricultural Leadership in Food Product & Processing
Agriculture Leadership in Forest Science
Agriculture Leadership in Horticulture
Agriculture Leadership in Plant Science
Agriculture Mechanics & Electrical Systems
Agriculture Mechanics Metal Fabrication
Agriculture Mechanics Systems
Agri Science Systems
Animal Production & Processing
Animal/Mechanical Systems
Companion Animal Systems
Environmental Agriculture Systems
Equine Science
Food Animal Systems
Food Products & Processing Systems
Forest / Natural Resources Management
Forest / Renewable Energy
Forest Mechanical Systems
Forestry / Wildlife Systems
Forestry and Animal Science Systems
Forest Management Systems
Horticulture and Animal Systems
Horticulture and Forest Science
Horticulture / Mechanical Systems
Landscape Management Systems
Plant and Floral Design Systems
Plant and Floriculture Systems
Plant and Landscape Systems
Plant and Mechanical Systems
Veterinary Science

Education & Training
Early Childhood Care & Education
Teaching as a Profession

Law, Public Safety, Corrections & Security
Fire and Emergency Services – Emergency Medical Responder
Fire and Emergency Services—Public Safety Communications
Fire and Emergency Services – Firefighting
Corrections Services
Security and Protective Services
Legal Services – Applications of Law
Legal Services – Legal Administrative Services
Law Enforcement Services—Criminal Investigations
Law Enforcement Services—Forensic Science
Law Enforcement Services—Public Safety Communications

Energy
Energy Systems
Energy & Power: Generation, Transmission, and Distribution

Marketing
Marketing and Management
Fashion, Merchandising & Retail Management
Marketing Communications & Promotion

Architecture & Construction
Architectural, Drawing & Design
Carpentry
Electrical
Fine Furniture - Cabinetmaking
Heating, Ventilation, Air Conditioning, and Refrigeration
HVACR – Electrical
Industrial Maintenance
Masonry
Plumbing
Machining Operations
Sheet Metal
Welding

Finance
Advanced Accounting
Business Accounting
Financial Services

GaDOE
Georgia Department of Education

Richard Woods, Georgia's School Superintendent
"Educating Georgia's Future"

Government & Public Administration
Public Management & Administration
JROTC – Air Force
JROTC – Army
JROTC – Marines
JROTC – Navy

Arts, AV/Technology & Communications
Audio & Video Technology & Film
Graphic Communication
Graphics Design
Animation and Digital Media

Human Services
Personal Care Services – Cosmetology
Personal Care Services – Barbering
Personal Care Services – Esthetics
Personal Care Services – Nails
Nutrition & Food Science
Housing & Community Management
Interiors, Fashion & Textiles

Advanced Academics, Fine Arts, & World Languages
Advanced Academics
Fine Arts
World Languages

Hospitality & Tourism
Hospitality, Recreation & Tourism
Sports & Entertainment Marketing
Culinary Arts

Manufacturing
Industrial Maintenance
Manufacturing
Mechatronics
Granite Technology

Science, Technology, Engineering, Mathematics
Engineering and Technology
Engineering Drafting and Design
Electronics

Transportation, Distribution & Logistics
General Automotive Technology
Advanced Automotive Technology
Flight Operations
Aviation Maintenance
Distribution and Logistics
Collision Repair-Painting and Refinishing
Collision Repair-Nonstructural Analysis and Damage Repair
Marine Engine

Health Science
Diagnostics – Clinical Lab
Diagnostics – Phlebotomy
Diagnostics – Non-invasive Technology in Healthcare
Therapeutic Services – Public Health
Therapeutic Services – Exercise Physiology
Therapeutic Services – Sports Medicine
Therapeutic Services – Allied Health and Medicine
Therapeutic Services – Dental Science
Therapeutic Services – Pharmacy
Therapeutic Services – Emergency Medical Responder
Therapeutic Services – Patient Care
Therapeutic Services – Public Safety Communications
Therapeutic Services – Surgical Technology
Health Informatics – Health Information Management/Medical Office
Health Informatics – Health Information Technology
Biotechnology Research and Development
Support Services

Business Management & Administration
Business & Technology
Entrepreneurship
Health Information Technology
Human Resources Management
International Business
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Information Technology
Cybersecurity
Computer Science
Game Design
Information Support & Services
Internet of Things
Networking
Programming
Web & Digital Design
Web Development

Agriculture, Food, and Natural Resources

Animal Science		
Animal Production & Processing Pathway	**Animal / Mechanical Systems Pathway**	**Agriculture Leadership in Animal Production Pathway**
• 02.47100 - Basic Agricultural Science • 01.43200 - Agricultural Animal Production and Management • 02.43200 - Agriculture Meat and Dairy Product Processing	• 02.47100 - Basic Agricultural Science • 01.42100 - Agricultural Mechanics Technology • 01.43200 - Agricultural Animal Production and Management	• 02.47100 - Basic Agricultural Science • 02.42100 - Animal Science Technology/Biotechnology • 01.41200 - Agribusiness Management and Leadership
Companion Animal Systems Pathway	**Veterinary Science Pathway**	**Equine Science Pathway**
• 02.47100 - Basic Agricultural Science • 02.42100 - Animal Science Technology/Biotechnology • 02.42300 - Small Animal Care	• 02.47100 - Basic Agricultural Science • 02.42100 - Animal Science Technology/Biotechnology • 02.42400 - Veterinary Science	• 02.47100 - Basic Agricultural Science • 02.42100 - Animal Science Technology/Biotechnology • 02.42200 - Equine Science
Food Animal Systems Pathway		
• 02.47100 - Basic Agricultural Science • 02.42100 - Animal Science Technology/Biotechnology • 01.43200 - Agricultural Animal Production and Management		
Forestry/Natural Resources		
Forest/Renewable Energy Pathway	**Agriculture Leadership in Aquaculture Pathway**	**Forest Mechanical Systems Pathway**
• 02.47100 - Basic Agricultural Science • 03.45100 - Forest Science • 03.47100 - Introduction to Renewable Energy	• 02.47100 - Basic Agricultural Science • 01.41200 - Agribusiness Management and Leadership • 03.43100 - Aquaculture	• 02.47100 - Basic Agricultural Science • 03.45100 - Forest Science I • 01.42100 - Agricultural Mechanics Technology I
Agriculture Leadership in Forest Science Pathway	**Forest / Natural Resources Management Pathway**	**Forest Management Systems Pathway**
• 02.47100 - Basic Agricultural Science • 01.41200 - Agribusiness Management and Leadership • 03.45100 - Forest Science	• 02.47100 - Basic Agricultural Science • 03.45100 - Forest Science I • 03.41100 - Natural Resources Management	• 02.47100 - Basic Agricultural Science • 03.45100 - Forest Science I • 03.45200 - Forestry Science II
Forestry / Wildlife Systems Pathway	**Environmental Agriculture Systems Pathway**	
• 02.47100 - Basic Agricultural Science • 03.45100 - Forest Science • 03.45300 - Wildlife Management	• 02.47100 - Basic Agricultural Science • 03.42200 - Environmental Science and Stewardship • 03.46100 - Sustainable Agriculture	
Plant Science/Horticulture		
Horticulture/ Mechanical Systems Pathway	**Plant/ Mechanical Systems Pathway**	**Agriculture Leadership in Plant Science Pathway**
• 02.47100 - Basic Agricultural Science • 01.42100 - Agricultural Mechanics Technology I • 01.46100 - General Horticulture and Plant Science	• 02.47100 - Basic Agricultural Science • 01.42100 - Agricultural Mechanics Technology • 02.44100 - Plant Science and Biotechnology	• 02.47100 - Basic Agricultural Science • 02.44100 - Plant Science and Biotechnology • 01.41200 - Agribusiness Management and Leadership

Agriculture Leadership in Horticulture Pathway	Landscape Management Systems Pathway	Plant and Floral Design Systems Pathway
• 02.47100 - Basic Agricultural Science • 01.46100 - General Horticulture and Plant Science • 01.41200 - Agribusiness Management and Leadership	• 02.47100 - Basic Agricultural Science • 01.46100 - General Horticulture and Plant Science • 01.46500 - Turf Production and Management	• 02.47100 - Basic Agricultural Science • 01.46100 - General Horticulture and Plant Science • 01.46600 - Floral Design and Management
Plant and Landscape Systems Pathway	**Plant and Floriculture Systems Pathway**	
• 02.47100 - Basic Agricultural Science • 01.46100 - General Horticulture and Plant Science • 01.47000 - Nursery and Landscape	• 02.47100 - Basic Agricultural Science • 01.46100 - General Horticulture and Plant Science • 01.46200 - Floriculture Production and Management	

Agricultural Mechanics

Agricultural Mechanics and Electrical Systems Pathway	Agricultural Mechanics and Metal Fabrications Pathway	Agriculture Energy Systems Pathway
• 02.47100 - Basic Agricultural Science • 01.42100 - Agricultural Mechanics Technology I • 01.42600 - Agricultural Electricity and Electrical Controls	• 02.47100 - Basic Agricultural Science • 01.42100 - Agricultural Mechanics Technology I • 01.42400 - Agricultural Metals Fabrication	• 02.47100 - Basic Agricultural Science • 03.47100 - Introduction to Renewable Energy • 03.46200 - Renewable Fuel Production
Agricultural Mechanics Systems Pathway		
• 02.47100 - Basic Agricultural Science • 01.42100 - Agricultural Mechanics Technology I • 01.42200 - Agricultural Mechanics Technology II		

Food Science

Food Products and Processing Systems Pathway	Agriculture Leadership in Food Product & Processing Pathway	
• 02.47100 - Basic Agricultural Science • 01.44100 - Agricultural Food Products and Processing, Operations and Management • 02.43200 - Agriculture Meat and Dairy Product Processing	• 02.47100 - Basic Agricultural Science • 01.41200 - Agribusiness Management and Leadership • 02.43200 - Agriculture Meat and Dairy Product Processing	

Diversified Agriculture

Horticulture and Forest Science Pathway	Horticulture and Animal Science Pathway	Forestry & Animal Science Pathway
• 02.47100 - Basic Agricultural Science • 01.46100 - General Horticulture and Plant Science • 03.45100 - Forest Science	• 02.47100 - Basic Agricultural Science • 01.46100 - General Horticulture and Plant Science • 02.42100 - Animal Science Technology/Biotechnology	• 02.47100 - Basic Agricultural Science • 03.45100 - Forest Science • 02.42100 - Animal Science Technology/Biotechnology
Agribusiness Systems Pathway	**Agriscience Systems Pathway**	
• 02.47100 - Basic Agricultural Science • 01.41200 - Agribusiness Management and Leadership • 01.41300 - Marketing Agricultural Products & Services	• 02.47100 - Basic Agricultural Science • 02.42100 - Animal Science Technology/Biotechnology • 02.44100 - Plant Science and Biotechnology	

Architecture and Construction

Architectural Drawing and Design Pathway	Carpentry Pathway	Masonry Pathway
• 48.54100 - Introduction to Drafting and Design • 48.54500 - Architectural Drawing and Design I • 48.54600 - Architectural Drawing and Design II	• 46.54500 - Industry Fundamentals and Occupational Safety • 46.54600 - Introduction to Construction • 46.55000 - Carpentry I	• 46.54500 - Industry Fundamentals and Occupational Safety • 46.54600 - Introduction to Construction • 46.57000 - Masonry I
Plumbing Pathway	**Electrical Pathway**	**Machining Operations Pathway**
• 46.54500 - Industry Fundamentals and Occupational Safety • 46.54600 - Introduction to Construction • 46.58000 - Plumbing I	• 46.54500 - Industry Fundamentals and Occupational Safety • 46.54600 - Introduction to Construction • 46.56000 - Electrical I	• 46.54500 - Industry Fundamentals and Occupational Safety • 48.58100 - Introduction to Metals • 48.59000 - Machining Operations I
Welding Pathway	**Sheet Metal Pathway**	**Heating, Ventilation, Air Conditioning and Refrigeration Pathway**
• 46.54500 - Industry Fundamentals and Occupational Safety • 48.58100 - Introduction to Metals • 48.55100 - Welding I	• 46.54500 - Industry Fundamentals and Occupational Safety • 48.58100 - Introduction to Metals • 48.58200 - Sheet Metal I	• 46.54500 - Industry Fundamentals and Occupational Safety • 47.41400 - Introduction to HVACR Systems • 47.41500 - Heating, Ventilation, Air Conditioning and Refrigeration
HVACR Electrical Pathway	**Fine Furniture - Cabinetmaking Pathway**	**Industrial Maintenance Pathway**
• 46.54500 - Industry Fundamentals and Occupational Safety • 47.41400 - Introduction to HVACR Systems • 47.41600 - Low Voltage Electrical	• 46.45400 - Fine Furniture/Cabinetmaking I • 46.45500 - Fine Furniture/Cabinetmaking II • 46.45600 - Fine Furniture/Cabinetmaking III	• 46.41000 - Industrial Mechanics • 46.42000 - Fluid Power and Piping Systems • 46.43000 - Electrical Motor Control

Arts, A/V Technology, & Communications

Audio-Video Technology and Film Pathway	Graphic Communication Pathway	Graphic Design Pathway
• 10.51810 - Audio and Video Technology and Film • 10.51910 - Audio-Video Technology and Film II • 10.52010 - Audio-Video Technology and Film III **OR** • 10.51410 - Broadcast/Video Production Applications	• 48.56100 - Introduction to Graphics and Design • 48.56200 - Graphic Design and Production • 48.57000 - Advanced Graphic Output Processes	• 48.56100 - Introduction to Graphics and Design • 48.56200 - Graphic Design and Production • 48.52800 - Advanced Graphic Design
Animation and Digital Media Pathway • 48.42100 - Introduction to Digital Media • 48.42200 - Principles and Concepts of Animation • 48.42300 - Advanced Animation, Game and App Design • 48.42400 - Animation Internship/Capstone		

Business Management & Administration

Business and Technology Pathway	Entrepreneurship Pathway	Health Information Technology Pathway
• 07.44130 - Introduction to Business and Technology • 07.44100 - Business and Technology • 07.45100 - Business Communications	• 07.44130 - Introduction to Business and Technology • 06.41500 - Legal Environment of Business • 06.41610 - Entrepreneurship	• 25.52100 – Introduction to Healthcare Science • 25.49500- Essentials of Health Information Technology • 25.49600 – Applications of Health Information Technology
Human Resources Management Pathway • 07.44130 - Introduction to Business and Technology • 06.41500 - Legal Environment of Business • 06.41800 - Human Resources Principles	**International Business** • 07.43200 – Intro to International Business • 07.44200 – Global Awareness and Cultural Competency • 07.45200 – International Business Concepts	

Education and Training

Early Childhood Care and Education I Pathway	Early Childhood Care and Education II Pathway	Teaching as a Profession Pathway
• 20.52810 - Early Childhood Education I	• 20.52810 - Early Childhood Education I	• 13.01100 - Examining the Teaching Profession
• 20.42400 - Early Childhood Education II	• 20.42400 - Early Childhood Education II	• 13.01200 - Contemporary Issues In Education
• 20.42500 - Early Childhood Education III	• 20.42600 - Early Childhood Education Practicum	• 13.01300 - Teaching as a Profession Practicum

Energy

Energy Systems Pathway	Energy and Power: Generation, Transmission, and Distribution Pathway
• 49.53700 - Foundations of Energy Technologies	• 49.53700 - Foundations of Energy Technologies
• 21.45100 - Energy and Power Technology	• 49.53800 - Energy and Power: Generation, Transmission, and Distribution
• 21.45700 - Appropriate and Alternative Energy Technologies	• 49.53900 - Energy Systems Applications

Finance

Advanced Accounting Pathway	Business Accounting Pathway	Financial Services Pathway
• 07.44130 - Introduction to Business and Technology	• 07.44130 - Introduction to Business and Technology	• 07.44130 - Introduction to Business and Technology
• 07.41100 - Principles of Accounting I	• 07.42600 - Financial Literacy	• 07.42600 - Financial Literacy
• 07.41200 - Principles of Accounting II	• 07.41100 - Principles of Accounting I	• 07.43100 - Banking, Investing, and Insurance

Government and Public Administration

Public Management and Administration Pathway	JROTC - Army	JROTC - Air Force
• 29.41000 - Introduction to Government and Public Administration • 29.41100 - Government Public Administration: State and Federal Issues • 29.41200 - Government Public Administration: Local and State Issues	• 28.03100 - JROTC Army Leadership Education 1 • 28.03110 – Army JROTC LET 1 Alpha • 28.03120 – Army JROTC LET 1 Bravo • 28.03200 - JROTC Army Leadership Education 2 • 28.03210 – Army JROTC LET 2 Alpha • 28.03220 – Army JROTC LET 2 Bravo • 28.03300 - JROTC Army Leadership Education 3 • 28.03310 – Army JROTC LET 3 Alpha • 28.03320 – Army JROTC LET 3 Bravo • 28.03400 - JROTC Army Leadership Education 4 • 28.03410 – Army JROTC LET 4 Alpha • 28.03420 – Army JROTC LET 4 Bravo • 28.03500 - JROTC Army Leadership Education 5 • 28.03600 - JROTC Army Leadership Education 6 • 28.03700 - JROTC Army Leadership Education 7 • 28.03800 - JROTC Army Leadership Education 8	• 28.01100 - Aerospace Science Leadership 100 • 28.01200 - Aerospace Science Leadership 200 • 28.01300 - Aerospace Science: Cultural Studies • 28.01400 - Aerospace Science: Leadership 300 • 28.01500 - Aerospace Science: Space Exploration • 28.01600 - Aerospace Science: Leadership 400 • 28.01700 - Aerospace Science: Aviation History • 28.01800 - Aerospace Science: Survival • 28.01900 - Aerospace Science: Honors Ground School • 28.01910 - Aerospace Science: Flight Science • 28.09120 - Aerospace Science: Corps Management • 28.01930 - Aerospace Science: Drill Only • 28.01940 - Aerospace Science: Senior Project
JROTC Marines • 28.04100 - MCJROTC Leadership Education I • 28.04200 - MCJROTC Leadership Education II • 28.04300 - MCJROTC Leadership Education III • 28.04400 - MCJROTC Leadership Education IV • 28.04500 - MCJROTC Leadership Education V • 28.04600 - MCJROTC Leadership Education VI • 28.04700 - MCJROTC Leadership Education VII • 28.04800 - MCJROTC Leadership Education VIII	**JROTC - Navy** • 28.02100 - Naval Science I Cadet Field Manual • 28.02200 - Naval Science I Introduction to NJROTC • 28.02300 - Naval Science: Maritime History • 28.02400 - Naval Science II Nautical Science • 28.02500 - Naval Science III Naval Knowledge • 28.02600 - Naval Science III Naval Orientation and Skills • 28.02700 - Naval Science IV Naval Leadership and Ethics • 28.02800 - Naval Science IV Effective Communications	

Health Science

Therapeutic Services / Pharmacy Pathway	Therapeutic Services / Dental Science Pathway	Therapeutic Services / Emergency Medical Responder Pathway
• 25.52100 - Introduction to Healthcare Science • 25.44000 - Essentials of Healthcare • 25.45300 - Pharmacy Operations and Fundamentals	• 25.52100 - Introduction to Healthcare Science • 25.48800 - Essentials of Dental Science • 25.48900 - Dental Science II	• 25.52100 - Introduction to Healthcare Science • 25.44000 - Essentials of Healthcare • 25.45000 - Emergency Medical Responder
Therapeutic Services / Public Safety Communications Pathway	**Therapeutic Services / Exercise Physiology Pathway**	**Therapeutic Services / Sports Medicine Pathway**
• 25.52100 - Introduction to Healthcare Science • 25.44000 - Essentials of Healthcare • 43.46200 - Public Safety Communications	• 25.52100 - Introduction to Healthcare Science • 25.44000 - Essentials of Healthcare • 25.45400 - Fundamentals of Exercise Physiology	• 25.52100 - Introduction to Healthcare Science • 25.44000 - Essentials of Healthcare • 25.44600 - Sports Medicine
Therapeutic Services / Public Health Pathway	**Therapeutic Services / Patient Care Pathway**	**Therapeutic Services / Allied Health and Medicine Pathway**
• 25.52100 - Introduction to Healthcare Science • 25.44000 - Essentials of Healthcare • 25.45200 - Applications of Public Health	• 25.52100 - Introduction to Healthcare Science • 25.44000 - Essentials of Healthcare • 25.43600 - Patient Care Fundamentals	• 25.52100 - Introduction to Healthcare Science • 25.44000 - Essentials of Healthcare • 25.43700 - Allied Health and Medicine
Therapeutic Services / Surgical Technology Pathway	**Diagnostics / Phlebotomy Pathway**	**Diagnostics / Clinical Lab Pathway**
• 25.52100 - Introduction to Healthcare Science • 25.44000 - Essentials of Healthcare • 25.44700 - Surgical Technician I	• 25.52100 - Introduction to Healthcare Science • 25.44000 - Essentials of Healthcare • 25.57400 - Diagnostics Phlebotomy	• 25.52100 - Introduction to Healthcare Science • 25.44000 - Essentials of Healthcare • 25.57600 - Clinical Lab I
Diagnostics / Non-Invasive Technology in Healthcare Pathway	**Health Informatics / Health Information Management / Medical Office Pathway**	**Support Services Pathway**
• 25.52100 - Introduction to Healthcare Science • 25.44000 - Essentials of Healthcare • 25.44500 - Non-Invasive Diagnostic Technology	• 25.52100 - Introduction to Healthcare Science • 25.44000 - Essentials of Healthcare • 25.49700 - Health Information Management / Medical Office	• 25.52100 - Introduction to Healthcare Science • 25.44000 - Essentials of Healthcare • 25.44400 - Healthcare Support Services
Biotechnology Research and Development Pathway	**Health Informatics/Health Information Technology**	
• 25.52100 - Introduction to Healthcare Science • 25.57000 - Essentials of Biotechnology • 25.56900 - Applications of Biotechnology	• 25.52100 – Introduction to Healthcare Science • 25.49500-- Essentials of Health Information Technology • 25.49600 – Applications of Health Information Technology	

Hospitality and Tourism

Culinary Arts Pathway	Hospitality, Recreation, and Tourism Pathway	Sports and Entertainment Marketing Pathway
• 20.53100 - Introduction to Culinary Arts • 20.53210 - Culinary Arts I • 20.53310 - Culinary Arts II	• 08.47400 - Marketing Principles • 08.45300 - Hospitality, Recreation and Tourism Essentials • 08.45400 - Hospitality, Recreation and Tourism Management	• 08.47400 - Marketing Principles • 08.47800 - Introduction to Sports and Entertainment Marketing • 08.48500 - Advanced Sports and Entertainment Marketing

Human Services

Food and Nutrition Pathway	Housing and Community Management Pathway	Interiors, Fashion and Textiles Pathway
• 20.41610 - Food, Nutrition and Wellness • 20.41400 - Food for Life • 20.41810 - Food Science	• 20.44000 - Introduction to Consumer Relations • 20.43200 - Housing and Community Management • 20.43300 - Managing Diverse Property Types	• 20.44100 - Foundations of Interior Design • 20.44500 - Fundamentals of Fashion • 20.44700 - Textile Science
Personal Care Services - Cosmetology Pathway	**Personal Care Services - Barbering Pathway**	**Personal Care Services - Esthetics Pathway**
• 12.54400 - Introduction to Personal Care Services • 12.41000 - Cosmetology Services II • 12.41100 - Cosmetology Services III	• 12.54400 - Introduction to Personal Care Services • 12.42000 - Barbering II • 12.42100 - Barbering III	• 12.54400 - Introduction to Personal Care Services • 12.43000 - Esthetics Services II • 12.43100 - Esthetics Services III
Personal Care Services - Nails Pathway		
• 12.54400 - Introduction to Personal Care Services • 12.47000 - Nail Care Services II • 12.47100 - Nail Care Services III		

Information Technology

Web and Digital Design Pathway	Programming Pathway	Computer Science Pathway
• 11.41500 - Introduction to Digital Technology • 11.45100 - Digital Design • 11.45200 - Web Design	• 11.41500 - Introduction to Digital Technology • 11.47100 - Computer Science Principles **OR** • 11.01900 - Advanced Placement Computer Science Principles • 11.47200 - Programming, Games, Apps and Society	• 11.41500 - Introduction to Digital Technology • 11.47100 - Computer Science Principles **OR** • 11.01900 - Advanced Placement Computer Science Principles • 11.01600 – Advanced Placement Computer Science
Information Support and Services Pathway	**Networking Pathway**	**Cybersecurity Pathway**
• 11.41500 - Introduction to Digital Technology • 11.41400 - Information Technology Essentials • 11.42000 - Information Technology Support	• 11.41500 - Introduction to Digital Technology • 11.46100 - Networking Fundamentals • 11.46200 - Networking Systems and Support	• 11.41500 - Introduction to Digital Technology • 11.48100 - Introduction to Cybersecurity • 11.48200 - Advanced Cybersecurity
Game Design Pathway	**Internet of Things Pathway**	**Web Development Pathway**
• 11.41500 - Introduction to Digital Technology • 11.47100 - Computer Science Principles **OR** • 11.01900 - Advanced Placement Computer Science Principles • 11.42900 - Game Design: Animation and Simulation	• 11.41500 - Introduction to Digital Technology • 11.47100 - Computer Science Principles **OR** • 11.01900 - Advanced Placement Computer Science Principles • 11.42700 - Embedded Computing	• 11.41500 - Introduction to Digital Technology • 11.47100 - Computer Science Principles **OR** • 11.01900 - Advanced Placement Computer Science Principles • 11.42500 - Web Development

Law, Public Safety, Corrections, and Security

Corrections Services Pathway	Law Enforcement Services/Criminal Investigations Pathway	Law Enforcement Services/Forensic Science Pathway
• 43.45000 - Introduction to Law, Public Safety, Corrections, and Security • 43.45100 - Criminal Justice Essentials • 43.45700 - Applications of Corrections	• 43.45000 - Introduction to Law, Public Safety, Corrections, and Security • 43.45100 - Criminal Justice Essentials • 43.45300 - Criminal Investigations	• 43.45000 - Introduction to Law, Public Safety, Corrections, and Security • 43.45100 - Criminal Justice Essentials • 43.45200 - Forensic Science and Criminal Investigations
Law Enforcement Services/Public Safety Communications Pathway	**Security and Protective Services Pathway**	**Fire and Emergency Services / Emergency Medical Responder Pathway**
• 43.45000 - Introduction to Law, Public Safety, Corrections, and Security • 43.45100 - Criminal Justice Essentials • 43.46200 - Public Safety Communications	• 43.45000 - Introduction to Law, Public Safety, Corrections, and Security • 43.45100 - Criminal Justice Essentials • 43.45800 - Security and Protective Services	• 43.45000 - Introduction to Law, Public Safety, Corrections, and Security • 43.46000 - Essentials of Fire and Emergency Services • 25.45000 - Emergency Medical Responder
Fire and Emergency Services / Public Safety Communications Pathway	**Fire and Emergency Services / Firefighting Pathway**	**Legal Services / Applications of the Law Pathway**
• 43.45000 - Introduction to Law, Public Safety, Corrections, and Security • 43.46000 - Essentials of Fire and Emergency Services • 43.46200 - Public Safety Communications	• 43.45000 - Introduction to Law, Public Safety, Corrections, and Security • 43.46000 - Essentials of Fire and Emergency Services • 43.44000 - Applications of Firefighting	• 43.45000 - Introduction to Law, Public Safety, Corrections, and Security • 43.45400 - Essentials of Legal Services • 43.45500 - Applications of Law
Legal Services / Legal Administrative Services Pathway		
• 43.45000 - Introduction to Law, Public Safety, Corrections, and Security • 43.45400 - Essentials of Legal Services • 43.45600 - Legal Administrative Services		

Manufacturing

Manufacturing Pathway	Mechatronics Pathway
• 21.44100 - Foundations of Manufacturing and Materials Science • 21.44500 - Robotics and Automated Systems • 21.44400 - Production Enterprises	• 21.46200 - Introduction to Mechatronics - DC Theory, Pneumatic Systems, and Programmable Logic Controllers • 21.46300 - AC Theory, Electric Motors, and Hydraulic Systems • 21.46400 - Semiconductors, Mechanical Systems, and Pump and Piping Systems
Granite Technology Pathway	**Industrial Maintenance Pathway**
• 47.45400 - Occupational Safety of Granite • 47.45500 - Introduction to Granite • 47.45600 - Applications in Granite Industry	• 46.41000 - Industrial Mechanics • 46.42000 - Fluid Power and Piping Systems • 46.43000 - Electrical Motor Control

Marketing

Marketing and Management Pathway	Fashion, Merchandising and Retail Management Pathway	Marketing Communications and Promotions Pathway
• 08.47400 - Marketing Principles	• 08.47400 - Marketing Principles	• 08.47400 - Marketing Principles
• 08.44100 - Marketing and Entrepreneurship	• 08.42100 - Fashion, Merchandising and Retailing Essentials	• 08.45100 - Promotion and Professional Sales
• 08.44200 - Marketing Management	• 08.42200 - Advanced Fashion, Merchandising and Retailing	• 08.45200 - Marketing Communications Essentials

Science, Technology, Engineering, Mathematics

Engineering and Technology Pathway	Electronics Pathway	Engineering Drafting and Design Pathway
• 21.42500 - Foundations of Engineering and Technology	• 21.45200 - Foundations of Electronics3	• 48.54100 - Introduction to Drafting and Design
• 21.47100 - Engineering Concepts	• 21.45300 - Advanced AC and DC Circuits	• 48.54200 - Survey of Engineering Graphics
• 21.47200 - Engineering Applications	• 21.45400 - Digital Electronics	• 48.54300 - 3-D Modeling and Analysis

Transportation, Distribution, and Logistics

General Automotive Technology Pathway	Advanced Automotive Technology Pathway	
• 47.45000 – Automotive Technologies I	• 47.44400 - Automotive Technologies 4	
• 47.45100 – Automotive Technologies 2	• 47.44500 - Automotive Technologies 5	
• 47.45200 – Automotive Technologies 3	• 47.44600 - Automotive Technologies 6	
Distribution and Logistics Pathway	**Marine Engine Technology Pathway**	**Collision Repair - Painting and Refinishing Pathway**
• 47.47010 - Logistics Fundamentals	• 47.58000 - Foundations of Marine Engine Technology	• 47.56500 - Introduction to Collision Repair
• 47.47110 - Logistics Operations	• 47.58100 - Marine Electrical Systems	• 47.56600 - Painting and Refinishing I
• 47.47210 - Materials Management	• 47.58200 - Marine Engine Drive Systems	• 47.56700 - Painting and Refinishing II
Collision Repair - Non-Structural Analysis and Damage Repair Pathway	**Flight Operations Pathway**	**Aviation Maintenance Pathway**
• 47.56500 - Introduction to Collision Repair	• 47.46000 - Fundamentals of Aerospace	• 47.46000 - Fundamentals of Aerospace
• 47.56800 - Non Structural Analysis and Damage Repair I	• 47.48800 - Flight Operations I	• 47.46200 - Aviation Maintenance I
• 47.56900 - Non Structural Analysis and Damage Repair II	• 47.48900 - Flight Operations II	• 47.46300 - Aviation Maintenance II