**Arts and Communications Pathway**

Careers in this pathway are related to the humanities and performing, visual, literary, and media arts. These include architecture; graphic, interior, and fashion design; writing; film; fine arts; journalism; languages; media; advertising; and public relations. Character Traits: Are you a creative thinker? Are you imaginative, innovative, and original? Do you like to communicate ideas? Do you like making crafts, drawing, or playing a musical instrument, taking photos, or writing stories?

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| **Associates Degrees** | **Bachelor’s Degrees** | **Recommended Electives** |
| Applied Speech Communication Graphic Design Legal Studies Printing and Digital Graphic Imaging Technology  | Advertising Applied Speech CommunicationAutomotive Writing Concentration Communication Computer Information ConcentrationEnglish Education Graphic Design Multimedia Writing Concentration Music Industry Management New Media Printing and Publishing Printing Management Public Relations Publication Management Concentration Scientific and Medical Writing Concentration Technical and Professional Communication (with tracks) Technical Journalism Concentration Television and Digital Media Production  | Advanced Visual ArtsChoirCreative WritingDesign Studio I-IIDrawing/DesignEducational ParadigmsEngineering TechnologyFilm in our WorldForeign LanguageCulinary Arts I-IIIntro to Architectural DesignIntro to DramaIntro to Music Intro to Visual ArtsJazz BandMarketing & SalesMedia ProductionsPaintingPsychologyPrinciples of LeadershipPublic SpeakingSymphonic BandWind EnsembleWriting for Publications I and II |

**Business, Management, Marketing & Technology Pathway**

Careers in this path are related to the business environment. These include entrepreneur, sales, marketing, computer/information systems, finance, accounting, personnel, economics, and management.

Character Traits: Do you enjoy being a leader, organizing people, planning activities, and talking? Do you like to work with numbers or ideas? Do you enjoy carrying through with an idea and seeing the end product? Do you like things neat and orderly? Would you enjoy balancing a checkbook, following the stock market or holding an office?

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| **Associates Degrees** | **Bachelor’s Degrees** | **Recommended Electives** |
| Accounting Computer Information Systems General Business Legal Studies Medical Record Technology Restaurant and Food Industry Management Visual Design and Web Media  | AccountancyActuarial ScienceAdvertisingAutomotive and Heavy Equipment ManagementBusiness AdministrationBusiness EducationComputer Information SystemsComputer Networks and SystemsConstruction ManagementE-Commerce MarketingFacilities ManagementFinanceGolf Management, ProfessionalHealth Care Systems AdministrationHotel ManagementHuman Resource ManagementInternational BusinessManagementMarketingMathematics, AppliedMedical Record AdministrationMusic Industry ManagementOperations Research ConcentrationOperations and Supply ManagementPublic AdministrationPublic RelationsPublication Management ConcentrationRecreation Leadership and ManagementResort ManagementSmall Business Management and EntrepreneurshipStatistics ConcentrationTechnical and Professional CommunicationTennis Management, ProfessionalTraining in Business and IndustryVisual Design and Web Media | Accounting I-IIAdvanced Web DesignBusiness LawDigital DesignEconomicsFinancial ManagementIntro to Business TechnologyIntro to MarketingMarketing & SalesMicrosoft IT AcademyPersonal FinancePrinciples of Leadership SPRINGShorian Help DeskWeb DesignWorld Language |

**Engineering/Manufacturing and Industrial Technology Pathway**

Careers in this path are related to technologies necessary to design, develop, install, and maintain physical systems. These include engineering, manufacturing, construction, service, and related technologies.

Character Traits: Are you mechanically inclined and practical? Do you like reading diagrams and blueprints, and drawing building structures? Are you curious about how things work? Would you enjoy painting a house, repairing cars, wiring electrical circuits, or woodworking?

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| **Associates Degrees** | **Bachelor’s Degrees** | **Recommended Electives** |
| Architectural TechnologyAutomotive Service TechnologyBuilding Construction TechnologyCAD Drafting and Tool DesignCivil Engineering TechnologyHVACR TechnologyHeavy Equipment TechnologyIndustrial Chemistry TechnologyIndustrial Electronics TechnologyManufacturing Tooling TechnologyMechanical Engineering TechnologyPlastics TechnologyPrinting and Digital Graphic Imaging TechnologyRubber TechnologySurveying TechnologyWelding Technology | Automotive BodyAutomotive Engineering TechnologyAutomotive and Heavy Mathematics, AppliedComputer Networks and SystemsConstruction ManagementElectrical/electronic Engineering TechnologyEquipment ManagementFacilities ManagementHVACR Engineering TechnologyManufacturing Engineering TechnologyMathematicsMechanical Engineering TechnologyNew Media Printing and PublishingOperations Research ConcentrationPlastics Engineering TechnologyPrinting ManagementProduct Design Engineering TechnologyQuality Engineering TechnologyRubber Engineering TechnologyStatistics Concentration Heavy Equipment Service Engineering TechnologySurveying EngineeringWelding Engineering Technology | Auto Body RepairBuilding MaintenanceBuilding RenovationsCalculusChemistryData Analysis & StatisticsDigital DesignDiscrete MathematicsDesign Studio Architectural EngineeringDesign Studio Interior DesignDesign Studio Mechanical EngineeringDrawing/DesignGirls Intro to Building RenovationIntro to Architectural DesignIntro to Building RenovationsIntro to Business TechnologyIntro to Drafting and CAD (Computer-Aided Design)Intro to Visual ArtsMicrosoft IT AcademyPhysicsWorld Language |

**Environmental Science Pathway**

Careers in this path are related to agriculture, the environment, and natural resources. These include agricultural sciences, earth sciences, environmental sciences, fisheries, forestry, horticulture, and wildlife.

Character Traits: Are you a nature lover? Are you practical, curious about the physical world, and interested in plants and animals? Do you enjoy hunting or fishing? Do you like to garden or mow the lawn? Are you interested in protecting the environment?

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| **Associates Degrees** | **Bachelor’s Degrees** | **Recommended Electives** |
| Industrial Chemistry Technology Ornamental Horticulture Technology Surveying Technology  | Applied Biology Biochemistry Biology Biotechnology Chemistry Environmental Biology ConcentrationPre-Veterinary Medicine | AccountingBiology (AP)Data Analysis and StatisticsDigital DesignEnvironmental ScienceForeign LanguageIntro to Business TechnologyMarketingPublic Speaking |

**Health Sciences Pathway**

Careers in this path are related to the promotion of health and treatment of disease. These include research, prevention, treatment, and related health technologies

Character Traits: Do you like to care for people or animals that are sick or help them to stay well? Are you interested in diseases and in how the body works? Do you enjoy reading about science and medicine? Would it be fun to learn first aid or volunteer at a hospital or veterinary clinic?

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| **Associates Degrees** | **Bachelor’s Degrees** | **Recommended Electives** |
| Dental AssistantDental HygieneDiagnostic Medical Sonography (Ultrasound)Industrial Chemistry TechnologyMedical Laboratory TechnologyMedical Record TechnologyNuclear Medicine TechnologyNursing: Technical (RN)Pre-Mortuary Science (pre-professional)Pre-Optometry (pre-professional)Pre-Pharmacy (pre-professional)Pre-Science (pre-professional)RadiographyRespiratory Care  | Allied Health Education Applied Biology (with tracks) Environmental Biology Concentration Forensic Biology Concentration Pre-Dentistry Concentration Pre-Medicine Concentration Pre-Physical Therapy Concentration Pre-Veterinary Medicine Concentration Biochemistry Biology Biology Education Biotechnology Chemistry Chemistry Education Health Care Systems Administration Medical Record Administration Medical Technology Nuclear Medicine Technology Nursing: Professional (BSN) Technical and Professional Communication Scientific and Medical Writing Concentration | AP BiologyAerobicsAnatomy and PhysiologyData Analysis & StatisticsDental CareersFitness/ConditioningForeign LanguageHuman HealthIntro to Business TechnologyMedical CareersPsychologyPublic SpeakingSociologyTeam Sports |

**Human Services Pathway**

Careers in this path are related to economic, political, and social systems. These include education, government, law and law enforcement, leisure and recreation, military, religion, child care, social services, and personal services.

Character Traits: Are you friendly, open, understanding, and cooperative? Do you like to work with people to solve problems? Is it important to you to do something that makes things better for other people? Do you like to help friends with family problems? Do you like reading, storytelling, traveling, or tutoring young children?

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| **Associates Degrees** | **Bachelor’s Degrees** | **Recommended Electives** |
| Early Childhood EducationLegal StudiesPre-Criminal JusticePre-LawPre-Teaching Elementary/SecondaryRestaurant and Food Industry Management | Allied Health Secondary Education Applied Speech Communication Biology Secondary Education Business Education Communication Criminal Justice Elementary Education English Secondary Education Golf Management, Professional History Hotel Management Mathematics Secondary Education Psychology Public Administration Recreation Leadership and Management Resort Management Social Studies Secondary Education Social Work Sociology Technical Education Tennis Management, Professional Training in Business and Industry Wage Earning Home Economics Education  | CosmetologyCulinary ArtsDental CareersDesign Studio Interior DesignDigital DesignEarly ChildhoodEducational ParadigmsMedical CareersPractical LawPsychologySociology |