

PATHWAYS



LONG PRAIRIE-GREY EAGLE HIGH SCHOOL

PLANNING YOUR HIGH SCHOOL
PROGRAM OF STUDIES

FUTURE CHOICES

WHAT KIND OF CAREERS ARE YOU PLANNING TO PURSUE?

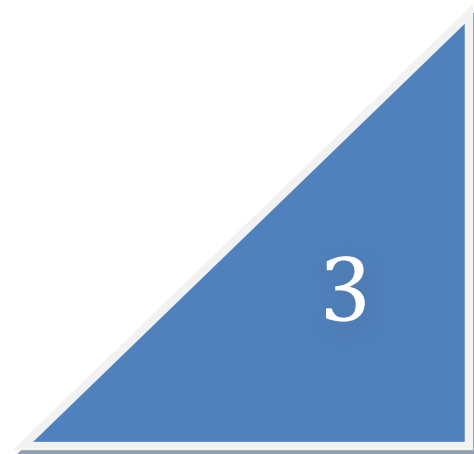
WHAT COURSES DO YOU NEED TO TAKE TO MEET YOUR CAREER GOALS?

During your high school years you will be making many of the choices that will help shape your future. At the moment, you may not know what you want to do after high school. Perhaps you have not even given it any thought. The following pages will give you an idea of occupations that exist in relation to the Minnesota Career Fields, Clusters & Pathways and courses available at Long Prairie-Grey Eagle High School.

The next four years offer you an opportunity to build a strong foundation for whatever plans you have after graduation. Part of building and preparing for your future is the classes that you can take while attending high school. Take some time and look through the following pages. It will help guide you towards making educated choices.

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AGRICULTURE, FOOD & NATRUAL RESOURCES

Sample Careers

Agriculture Commodities Inspector	Crop Consultant	Oceanographer
Agribusiness Manager	Farm Manager	Paper/Pulp Technician
Agribusiness Marketing	Fish and Game Manager	Park Ranger
Agricultural Economist	Florist	Range Manager
Agriculture Systems Manager	Food Chemist	Soil Chemist
Agriculture Teacher	Food Scientist	Soil Conservationist
Agronomist	Forester and Conservationist	Soil Scientist
Animal Nutritionist	Golf Course and Grounds Manager	Timber Harvesting Equip. Operator
Biotechnology Lab Technician	Horticulturist	Taxidermist
Butcher	Landscape Architect	Veterinary Technician
Cooperative Extension Service Worker	Mining Engineer	Water/Waste Water Technician

High School Education Plan

9th Grade

English 9
Algebra 1.5 or Geometry
Introduction to Physical Science
Health & Government & Civics

11th Grade

English 11 or AP Language & Composition
Algebra II, College Algebra, or AP Statistics
Area Studies
Chemistry, Coll. Chemistry (Can be taken during junior or senior year)

9th – 12th Grade

Physical Education
Fine Arts

10th Grade

English 10
Geometry or Algebra II
Physical Bio Science, Biology or AP Biology
US History

12th Grade

English 12 or AP Literature & Composition
Economics & World History

Required for Entrance to Four-Year College:

4 years English
3 years Math, including Algebra 1.5, Geometry, & Algebra II
3 years Social Studies, including 1 year US History & 2 years from other social sciences
3 years of lab Science
2 years of Foreign Language

Suggested Electives for Agriculture, Food & Natural Resources:

Introduction to Agriculture	Agricultural Mechanics	Survival of Singles
Small Gas Engines	The Science of Animal Agriculture	Foreign Language
Horticulture	Agribusiness Summer Program	2D Art
Landscaping	Independent Agribusiness Studies	3D Art
Welding	Starting Your Own Business	AP Photography
Advanced Welding and Shop	Youth Apprenticeship	AP 3D Art
Wildlife Management	Accounting	

BUSINESS, MANAGEMENT & ADMINISTRATION

Sample Careers

Accountant	Financial Planner	Hotel Manager
Actuary	Administrator	Stockbroker
Administrative Assistant	Lawyer	Underwriter
Auditor	Loan Officer	Insurance Adjustor
Business Education Teacher	Office Manager	Real Estate Appraiser
Business Executive	Urban Planner	Retail Sales Manager
Business Manager	Clerk	Property Manager
Business Owner	Computer Programmer	Receptionist
Claims Adjuster	Court Reporter	Loan Coordinator
Computer Systems Analyst	Customer Support Technician	Paralegal
Economist	Lobbyist	Administrative Assistant

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Suggested Electives for Business, Management & Administration:

Accounting	Survival of Singles	AP Photography
Intro to Business	Foreign Language	AP 3D Art
Starting Your Own Business	2D Art	
Youth Apprenticeship	3D Art	

COMMUNICATIONS & INFORMATION SYSTEMS

Sample Careers

Actor/Actress	Dancer	Photo Journalist
Advertiser	Drafter	Playwright
Advertising Copywriter	Fashion Designer	Photographer
Architect	Historian	Production Manager
Artist	Illustrator Journalist	Reporter
Art Appraiser	Industrial Designer	Salesperson
Art Director	Landscape Architect	Screen Writer
Cartoonist	Media Consultant	Sculptor
Commercial Art	Poet	Set Designer
Copywriter	Editorial Writer	Musician-Arranger, Composer
Customer Service Representative	Philosopher	Writer

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Suggested Electives for Communications & Information Systems:

Senior High Band	AP 3D Art	Starting Your Own Business
Senior High Choir	Housing and Interior Design	Youth Apprenticeship
AP Music Theory	Intro to Computer Aided Drafting	Survival of Singles
2D Art	Computer Aided Drafting	Foreign Language
3D Art	Drafting and Woods	Design Principles
AP Photography	Advanced Woods	

ENGINEERING & MANUFACTURING TECHNOLOGY

Sample Careers

Architect	Robotics Engineer	Automotive Service Technician
Building Trades Instructor	Production Coordinator	Machinist
Building Contractor	Sheet Metal Worker	Machine Assembler
Construction Manager	Soils Lab Technician	Sound Production Technician
Cost Estimator	Welder	Diesel and Heavy Equip. Technician
Civil Engineer	Welding Consultant	Computer Repair Technician
Chemical Engineer	Welding Technician	Construction Equipment Operator
Electrical Engineer	Machine Operator	Aircraft Maintenance Technology
Industrial Engineer	Power Products Technician	Tool and Die Maker
Mechanical Engineer	Electrician	Quality Control Technician
Industrial Designer	Auto Body Technician	Plumber

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2 years of Foreign Language

Suggested Electives for Engineering & Manufacturing Technology:

Small Engines	Drafting and Woods	3D Art
Welding & Adv Welding	Advanced Woods	AP Photography
Starting Your Own Business	Accounting	AP 3D Art
Youth Apprenticeship	Survival of Singles	Precalculus
Intro Computer Aided Drafting	Foreign Language	
Computer Aided Drafting	2D Art	

HEALTH SCIENCE TECHNOLOGY

Sample Careers

Chiropractor	Occupational Therapist	Human Services Assistant
Dental Hygienist	Optometrist	Medical Assistant
Dentist	Pharmacist	Licensed Practical Nurse
Dietitian	Physical Therapist	Surgical Technician
Doctor	Radiologist	Physical Therapist Assistant
Health Care Administrator	Registered Nurse	Cardiovascular Technologist
Medical Records Administrator	Respiratory Therapist	Optical Management
Medical Technologist	Speech Pathologist	Optometrist
Nurse Anesthetist	Speech Therapist	Paramedic
Nurse Practitioner	Veterinarian	Pharmacy Technician
Nursing Instructor	Emergency Medical Technician	Radiology Technician

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Suggested Electives for Health Science Technology:

Foods and Nutrition	Accounting	2D Art
Child Development	Starting Your Own Business	3D Art
Human Anatomy	Youth Apprenticeship	AP Photography
The Science of Animal Agriculture	Survival of Singles	AP 3D Art
Wildlife Management	Foreign Language	

HUMAN SERVICES

Sample Careers

Activities Director
Administrative Assistant
Food Service Manager
Chef/Baker
Fitness Trainer
Dietetic Assistant
Park Ranger
Arena Manager
Home and Building Inspector
Interpreter/Translator
Law Enforcement

Detective
Loan Officer
Cosmetologist
Psychiatric Aide
Truck Driver
Child Care Provider
College Counselor
Community Agency Counselor
School Counselor
Postmaster
Pilot

Psychologist
Librarian
Lawyer
Corrections Officer
Judge
Funeral Director
Social Worker
City Manager
Clergy
Conservation Officer
Educational Administrator

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Suggested Electives for Human Services:

Foods and Nutrition
Child Development
Accounting
Introduction to Business
Starting Your Own Business
Youth Apprenticeship

Survival of Singles
Foreign Language
2D Art
3D Art
AP Photography
AP 3D Art

General Psychology
Human Development
Intro to Sociology
Social Problems