

Foundation Knowledge and Skills

Academics • Communications
 Problem Solving • Information Technology
 Systems • Safety, Health and Environment
 Teamwork • Ethics
 Employability and Career Development
 Technical Skills



Agriculture, Food, and Natural Resources Individual Graduation Plan

This career cluster plan of study is a source of information as you develop your own Six Year Plan. This plan lists EXAMPLES of suggested coursework. Courses will vary according to the availability in each school; refer to the pages in the back of the registration book for course descriptions, pre-requisites, etc. Plans of study should meet high school graduation requirements as well as entrance requirements for a variety of postsecondary options within this career cluster.



Exemplar

■ Coursework					
Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Advanced Coursework for Postsecondary Credit
Language Arts <i>(9 credits required)</i>	English 9 Speech	English 10	English 11	English 12	English Math Biology Communications Micro and Macro Economics Psychology or Sociology Statistical Methods Principles of Animal Science Agricultural Management Plant Science in Ag Technical Writing Intro to Financial Accounting Intro to Managerial Accounting Agriculture Marketing and Management The Business of Agriculture Intro to Chemistry+ Lab Physics Rangeland Management
Mathematics <i>(6 credit required)</i>	Algebra I Geometry	Geometry or Informal Geom. Algebra II or Algebra Topics	Algebra II or Algebra Topics Pre-Calculus and Trigonometry Algebra III	Pre-Calculus & Trigonometry Algebra III Calculus Brief Calculus Statistics	
Science <i>(6 credits required)</i>	Earth Science	Biology	Biology II Chemistry Animal Science	Plant Science Applied Greenhouse	
Social Studies <i>(7 credits required)</i>	History 9	US History 10	US History 11	American Government	
Additional Requirements	Touchstones 21	Health Humanities Microsoft Office 2007 – Intro and Advanced Computer Concepts (or other approved Computer Electives) PE	Humanities	Economics Humanities PE	
Electives <i>(52 total credits required for graduation)</i>	Intro to Ag Education Intro to Ag Industry	Intro to Ag Mechanics Welding	Welding Applied Livestock Management	Occupational and Career Experience Welding	
■ Extended Learning					
School-Based	FFA Career Research Skills USA	FFA Supervised Ag Experience Career Interviews Skills USA	FFA Higher Ed Day Job Shadowing Skills USA	FFA Service Learning Project Internships Senior Project Skills USA	
Community-Based	4-H	Mentorships	Volunteer	Part-Time Employment	



Arts, AV Technology, and Communications Individual Graduation Plan

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Coursework

Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Advanced Coursework for Postsecondary Credit
Language Arts (9 credits required)	English 9 Speech	English 10	English 11	English 12	English Math Biology Communications Art History Psychology or Sociology Mass Communication World of Art and Culture Visual Communications Drawing 1 Drawing 2 Painting 1 Painting 2 Design Process Textiles Intro to Graphic Design History of Photography Intro to Photography
Mathematics (6 credit required)	Algebra I Geometry	Geometry or Informal Geom. Algebra II or Algebra Topics	Algebra II or Algebra Topics Pre-Calculus & Trigonometry Algebra III	Pre-Calculus & Trigonometry Algebra III Calculus Statistics Brief Calculus	
Science (6 credits required)	Earth Science	Biology	Chemistry Astrophysics	Physics Physical Science	
Social Studies (7 credits required)	History 9	US History 10	US History 11	American Government	
Additional Requirements	Touchstones 21	Health Humanities Microsoft Office 2007 – Intro and Advanced Computer Concepts(or other approved Computer Electives) PE	Humanities	Economics Humanities PE	
Electives (52 total credits required for graduation)	Fundamentals of Technology Intro to Information Technology Intro to Theater Teen Living	Debate Drawing & Painting Graphic Communication 1 Intermediate Acting Pottery	Advanced Acting Creative Writing Debate Digital Video Drawing & Painting II Pottery II Sports Technology	Advanced Acting Bruin Broadcasting Debate Drawing & Painting III Intro to Humanities Pottery III Stage Design	

Extended Learning

School-Based	Internships Drama/Play Skills USA	Career Interviews Job Shadowing Skills USA	Higher Ed Day Career Research Skills USA	Cooperative Education Service Learning Project Senior Project Skills USA
Community-Based	Mentorships	Volunteer	Part-Time Employment	



Business, Management, & Administration Individual Graduation Plan



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■ Coursework					
Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Advanced Coursework for Postsecondary Credit
Language Arts (9 credits required)	English 9 Speech	English 10	English 11	English 12	English Math Biology Communications Micro and Macro Economics Psychology or Sociology Statistical Methods Introduction to Business Intro to International Business Business Writing Principles of Management Accounting Business Law Marketing Intro to Information Technology Income Tax Procedures
Mathematics (6 credit required)	Algebra I Geometry	Geometry or Informal Geom. Algebra II or Algebra Topics	Algebra II or Algebra Topics Pre-Calculus & Trigonometry Algebra III	Pre-Calculus & Trigonometry Algebra III Calculus Statistics Brief Calculus	
Science (6 credits required)	Earth Science	Biology	Chemistry Biology II	Physics Astronomy	
Social Studies (7 credits required)	History 9	US History 10	US History 11	American Government	
Additional Requirements	Touchstones 21	Health Humanities Microsoft Office 2007 – Intro and Advanced Computer Concepts (or other approved Computer Electives) PE	Humanities	Economics Humanities PE	
Electives (52 total credits required for graduation)	Advertising 1 Teen Living	Accounting I Advertising II	Accounting II Advertising III Business Office Technologies Microsoft Office 2007 – Post-Advanced Computer Concepts	Accounting III Advertising IV Business Management / Entrepreneurship Cooperative Education Personal Finance	
■ Extended Learning					
School-Based	Career Research BPA DECA	Academy of Finance BPA DECA Career Interviews Job Shadowing Career Research	Academy of Finance BPA DECA Higher Ed Day Summer Internships Career Research	Academy of Finance BPA DECA Senior Project	
Community-Based	Earn Community Service Points through Helping Hands Day; holiday canned food Drive; and class assignments.	Trash pickup day Visit local nursing homes Part-Time Employment	Mentorships Trash pickup day Visit local nursing homes Part-Time Employment	Mr. Twin Falls High Pageant Fundraiser Financial Awareness Night Academy of Finance Newsletter to Businesses Participate in Chamber of Commerce	



Science, Technology, Engineering & Mathematics Individual Graduation Plan

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Coursework					
Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Advanced Coursework for Postsecondary Credit
Language Arts (9 credits required)	English 9 Speech	English 10	English 11	English 12	English Math Biology Communications Psychology or Sociology Statistical Methods Chemistry Intro to Engineering Physics Computer Science Intro to Programming C++ Differential Equations Electrical Circuits Engineering Measurements Mechanics Dynamics Mechanics Statics CAD Engineering Graphics Industrial Control Sys. Automation & Robotics App. Science in Mfg Comprehensive Mfg Project
Mathematics (6 credit required)	Algebra I Geometry	Geometry or Informal Geom. Algebra II or Algebra Topics	Algebra II or Algebra Topics Pre-Calculus & Trigonometry Algebra III	Pre-Calculus & Trigonometry Algebra III Calculus Statistics Brief Calculus	
Science (6 credits required)	Earth Science	Biology	Chemistry Biology II	Astrophysics Atmospheric Science Physics	
Social Studies (7 credits required)	History 9	US History 10	US History 11	American Government	
Additional Requirements	Touchstones 21	Health Humanities Microsoft Office 2007 – Intro and Advanced Computer Concepts (or other approved Computer Electives) PE	Humanities	Economics Humanities PE	
Electives (52 total credits required for graduation)	Fundamentals of Technology Intro to Drafting/CADD Intro to Information Technology	Automated Manufacturing I Digital Art & Design HTML Programming Fundamentals	Automated Manufacturing II Digital Art & Design II Intermediate Programming IT Help Desk I Java/Android Programming Projects in IT 1	Automated Manufacturing III Digital Art & Design Production Studio IT Help Desk II Projects in IT II Web App Development	
Extended Learning					
School-Based	Program Recognized Student Skills USA	Higher Ed Day Skills USA	Higher Ed Day Career Interviews Job Shadowing Skills USA	Internships Senior Project Skills USA	Cooperative Education
Community-Based	Mentorships Industry sponsored camps & activities		Part-Time Employment Service Learning Project		



Health Science Individual Graduation Plan

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Exemplar

Coursework

Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Advanced Coursework for Postsecondary Credit
Language Arts <i>(9 credits required)</i>	English 9 Speech	English 10	English 11	English 12	English Math Biology Communications Psychology Sociology Intro to Allied Health Medical Terminology Microbiology Statistics Beginning Nursing Intervention Physical Assessment Human Anatomy and Physiology Maternal/Child Nursing Clinical Education
Mathematics <i>(6 credit required)</i>	Algebra I Geometry	Geometry or Informal Geom. Algebra II or Algebra Topics	Algebra II or Algebra Topics Pre-Calculus & Trigonometry Algebra III	Pre-Calculus & Trigonometry Algebra III Calculus Statistics Brief Calculus	
Science <i>(6 credits required)</i>	Earth Science	Biology	Chemistry Biology II	Anatomy/Physiology Human Structure & Function Physics	
Social Studies <i>(7 credits required)</i>	History 9	US History 10	US History 11	American Government	
Additional Requirements	Touchstones 21	Health Humanities Microsoft Office 2007 – Intro and Advanced Computer Concepts (or other approved Computer Electives) PE	Humanities	Economics Humanities PE	

Extended Learning

School-Based	Athletics HOSA	HOSA Wellness Project	Higher Ed Day Career Interviews HOSA Internships	Career Research HOSA Senior Project Service Learning Project
Community-Based	Job Shadowing	Mentorships	Part-Time Employment	Volunteer



Human Services Individual Graduation Plan

This career cluster plan of study is a source of information as you develop your own Six Year Plan. This plan lists EXAMPLES of suggested coursework. Courses will vary according to the availability in each school; refer to the pages in the back of the registration book for course descriptions, pre-requisites, etc. Plans of study should meet high school graduation requirements as well as entrance requirements for a variety of postsecondary options within this career cluster.



Exemplar

■ Coursework					
Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Advanced Coursework for Postsecondary Credit
Language Arts <i>(9 credits required)</i>	English 9 Speech	English 10	English 11	English 12	English Math Biology Communications Psychology Sociology Statistical Methods Intro to Education The Holistic Child Understanding Families Families, Community & Culture Instructional Technology Developmental & Individual Differences Inquiring, Thinking, Knowing Literature for Children Elementary Math Methods Art Appreciation Elementary Science Methods Language and Literacy Child Development Practicum I
Mathematics <i>(6 credit required)</i>	Algebra I Geometry	Geometry or Informal Geom. Algebra II or Algebra Topics	Algebra II or Algebra Topics Pre-Calculus & Trigonometry Algebra III	Pre-Calculus & Trigonometry Algebra III Calculus Statistics Brief Calculus	
Science <i>(6 credits required)</i>	Earth Science	Biology	Chemistry Biology II	Anatomy/Physiology Physics	
Social Studies <i>(7 credits required)</i>	History 9	US History 10	US History 11	American Government	
Additional Requirements	Touchstones 21	Health Humanities Microsoft Office 2007 – Intro and Advanced Computer Concepts (or other approved Computer Electives) PE	Humanities	Economics Humanities PE	
Electives <i>(52 total credits required for graduation)</i>	Teen Living	Nutrition and Foods Parent/Child Development	Adult Living Early Childhood Professions Food Production, Management & Services Food Science	Occupational and Career Experience Psychology Elementary Assistant	
■ Extended Learning					
School-Based	FCCLA Service Learning Project	Career Interviews Job Shadowing FCCLA	Higher Ed Day Career Research FCCLA	Cooperative Education Serve as a Mentor or Tutor Senior Project FCCLA	
Community-Based	Mentorship	Part-Time Employment	Volunteer		