

**School District
of
Newberry County**



District

Team

Mission

**Curriculum Framework
2013-2014**

The School District of Newberry County Curriculum Framework

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THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Arts & Humanities

Cluster of Study: Arts & Humanities

Major: Journalism

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)	Complementary Coursework		Extended Learning Opportunity Options Related to Major	
Journalism - Yearbook 1, 2, 3 Journalism - Newspaper 1, 2, 3 Sports Journalism Art 3 - Photography Creative Writing Desktop Publishing Speech and Public Speaking	AP English English 101 & 102 (Dual Credit) Modern Language Best Sellers Mythology Web Page Design		Shadowing Internship	

Opportunities Upon Graduation

Related Occupations	Related Military Occupations	Related College Majors
News reporter Copywriter Radio/TV Broadcast journalist	Proofreader Reporter Technical Writer	Education English Broadcast Journalism Journalism

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Arts & Humanities

Cluster of Study: Arts & Humanities

Major: Modern Language

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)	Complementary Coursework		Extended Learning Opportunity Options Related to Major	
Spanish 1, 2, 3H, 4H	SAT/ACT Preparation Advertising AP English English 101 & 102 (Dual Credit) Marketing		Shadowing Internship	

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
Tour Guide Interpreter Travel Agent Teacher	Intelligence Officer Interpreter and Translator Radio Intelligence Operator	Modern/Classical Languages Linguistics Political Science Hospitality and Tourism

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Arts & Humanities

Cluster of Study: Arts & Humanities

Major: Fine Arts

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)	Complementary Coursework		Extended Learning Opportunity Options Related to Major	
Band 1-4 , AP Music Theory Chorus 1- 4 Drama Art 1, 2, 3, Ceramics, Photography, AP Music Appreciation Speech	Creative Writing Mythology Journalism Carpentry Web Page Design Digital Desktop Publishing		Shadowing Internship	

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
Musician/Accompanist Actor Singer Artist Educator	Musician Sound/Lighting Technician Electrician	Music Education Visual and Performing Arts Music Performance Art

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Arts & Humanities

Cluster of Study: Education and Training

Major: Teaching and Training

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)	Complementary Coursework		Extended Learning Opportunity Options Related to Major	
Teacher Cadet (required if offered) Service Learning Public Speaking AP course(s) of choice Psychology/Sociology Fine Arts course Modern Language (additional)	Web Page Design Desktop Publisher Creative Writing		Shadowing Internship	

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
School Teacher Social Worker School Counselor Principal Clergy	Teacher and Instructor Training and Education Director	Education Business Counseling

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Arts & Humanities

Cluster of Study: Education and Training

Major: English

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)	Complementary Coursework		Extended Learning Opportunity Options Related to Major	
Creative Writing Journalism 1, 2, 3, 4 Best Sellers AP English Composition English 101 & 102 (Dual Credit)	Desktop Publishing Web Page Design and Development 1 & 2 Digital Multimedia Minority Studies		Shadowing Internship	

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
Educator Public Relations Specialist Writer Editor	Interpreter and Translator Teacher Communications Specialist	English Education Journalism

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Arts & Humanities

Cluster of Study: Education and Training

Major: Mathematics

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)	Complementary Coursework		Extended Learning Opportunity Options Related to Major	
Accounting 1, 2 AP Calculus Intermediate Probability & Statistics Calculus AP Statistics Math 120, 140, 141 (Dual Credit) Pre-Calculus	Teacher Cadet Service Learning Additional Modern Language CADD		Shadowing Internship	

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
Statistician Computer Programmer Computer Systems Analyst Educator Surveyor	Industrial Engineer Intelligence Officer Cryptographer	Applied Mathematics Mathematical Statistics Mathematics Physics Computer Science

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Engineering, Manufacturing, and Industrial Technology

Cluster of Study: Agriculture, Food and Natural Resources

Major: Environmental and Natural Resources Management

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)	Complementary Coursework		Extended Learning Opportunity Options Related to Major	
Plant, Animal, and Environmental Concepts in Agriculture Environmental and Natural Resources Management 1 Agricultural Crop Production & Management Farm Animal Production	Environmental Science Marine Science Modern Language		Shadowing Internship	

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
Agricultural Engineer Biological Scientist Chemical Engineer Hazardous Waste Manager Civil Engineer	Environmental Health and Safety Officer	Chemical Engineering Landscape Architecture Environmental Science Natural Resources Conservation Agribusiness Horticulture

*Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Engineering, Manufacturing, and Industrial Technology

Cluster of Study: Architecture and Construction

Major: Air Conditioning and Refrigeration Technology

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)		Complementary Coursework	Extended Learning Opportunity Options Related to Major	
Air Conditioning and Refrigeration Technology 1 Air Conditioning and Refrigeration Technology 2		Welding Accounting 1 Entrepreneurship Modern Language	Shadowing Internship	

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
Refrigeration Technician Heating and Cooling Technician Plumber and Pipe Fitter Solar Energy System Installer Industrial Maintenance Technician	Heating and Cooling Mechanic	Industrial Maintenance Home Systems Technology HVAC Building Construction

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Engineering, Manufacturing, and Industrial Technology

Cluster of Study: Architecture and Construction

Major: Carpentry

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)	Complementary Coursework		Extended Learning Opportunity Options Related to Major	
Carpentry 1 Carpentry 2	Accounting I Entrepreneurship Modern Language Entrepreneurship Modern Language Computer Assisted Drafting		Shadowing Internship	

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
Carpenter Construction Foreman Contractor Construction Project Manager Woodworker Home Inspector	Combat Engineer Construction Specialist	Carpentry Building Construction Contractor Architecture Computer Assisted Drafting

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Engineering, Manufacturing and Industrial Technology

Cluster of Study: Architecture and Construction

Major: Computer Assisted Drafting

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)	Complementary Coursework		Extended Learning Opportunity Options Related to Major	
CADD 1 CADD 2 Honors	Modern Language Physics Public Speaking Law Education Marketing Entrepreneurship Accounting 1		Shadowing Internship	

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
Architectural Drafter Architect Surveyor Engineer	Surveying, Mapping, and Drafting Technician	Architectural Drafting Construction /Building Technology Mechanical Drafting Civil Engineering

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Engineering, Manufacturing and Industrial Technology

Cluster of Study: Manufacturing

Major: Machine Tool Technology

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)		Complementary Coursework		Extended Learning Opportunity Options Related to Major
Machine Tool Technology 1 Machine Tool Technology 2		Welding Accounting 1 Entrepreneurship Modern Language		Shadowing Internship

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
Tool and Die Maker Machinist Photoengraver Mold Makers Tool Makers	Machinist	Tool and Die Maker Machine Tool Technology

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Engineering, Manufacturing and Industrial Technology

Cluster of Study: Manufacturing

Major: Welding Technology

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)	Complementary Coursework		Extended Learning Opportunity Options Related to Major	
Welding Technology 1 Welding Technology 2	Entrepreneurship Accounting 1 Integrated Business Applications 1 & 2 Digital Desktop Publishing Marketing		Shadowing Internship Work-Based Learning	

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
Welder Boilermaker Sheet Metal Worker Structural Metal Worker Blacksmith	Welder and Metal Worker	Welding Building Construction

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Engineering, Manufacturing and Industrial Technology

Cluster of Study: Manufacturing

Major: Mechatronics Integrated Technologies

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)	Complementary Coursework		Extended Learning Opportunity Options Related to Major	
Mechatronics Integrated Technologies 1 Mechatronics Integrated Technologies 2 Mechatronics Integrated Technologies 3 Mechatronics Integrated Technologies 4	Computer Classes Physics Calculus SAT/ACT Prep		Shadowing Internship Work-Based Learning in Manufacturing	

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
Mechatronics Technician Electrical and Electronics Engineer/Technician Mechanical Engineer Information Technologist	Engineers Systems Technician Control Systems Specialist	Mechatronics Electrical Engineering Electronics Engineering Information Technology Engineering

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Engineering, Manufacturing and Industrial Technology

Cluster of Study: Science, Technology, Engineering & Mathematics

**Major: Pre-Engineering
(Project Lead the Way)**

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)		Complementary Coursework		Extended Learning Opportunity Options Related to Major
Introduction to Engineering Design Principles of Engineering Digital Electronics Civil Engineering Architecture		Computer classes Physics Calculus SAT/ACT Prep		Shadowing Internship

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
Engineer Engineering technician Drafter Surveyor	Engineer	Computer Engineering Construction/Building Technology Industrial /Manufacturing Technology Civil Engineering

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Engineering, Manufacturing and Industrial Technology

Cluster of Study: Science, Technology, Engineering & Mathematics

Major: Science

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits must be chosen)	Complementary Coursework		Extended Learning Opportunity Options Related to Major	
Anatomy and Physiology Physics Environmental Science Marine Biology AP Chemistry AP Biology Biology 2	SAT/PSAT/ACT prep Teacher Cadet Service Learning AP English Additional Modern Language Agriculture Science Technology		Shadowing Internship	

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
Chemist Educator Forester Physician Ecologist	Biologist Medical Technician	Chemistry Physics Biology Pre-Medicine Public Health Sciences

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Engineering, Manufacturing, and Industrial Technology

Cluster of Study: Transportation, Distribution and Logistics

Major: Auto Body Repair

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)	Complementary Coursework		Extended Learning Opportunity Options Related to Major	
Auto Body Collision Repair 1 Auto Body Collision Repair 2	Environmental Science Physics Modern Language Entrepreneurship Accounting I Integrated Business Applications 1 & 2 Digital Desktop Publishing		Shadowing Internship	

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
Automotive Service Advisor Automotive Technician Diesel Service Technician Painting/Coating Machine Operator	Automotive and Heavy Equipment Mechanic Welder and Metal Worker	Automotive Body Repair

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Engineering, Manufacturing, and Industrial Technology

Cluster of Study: Transportation, Distribution & Logistics

Major: Automotive Technology

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)	Complementary Coursework		Extended Learning Opportunity Options Related to Major	
Automotive Technology 1 Automotive Technology 2	Environmental Science Physics Intro to Engineering Design Modern Language Entrepreneurship Accounting 1 Integrated Business Applications 1 & 2 Digital Desktop Publishing		Shadowing Internship	

Opportunities Upon Graduation

Related Occupations	Related Military Occupations	Related College Majors
Automotive Technician Mechanic Auto Body Repairman Automotive Business Entrepreneur Small Engine Mechanic	Automotive and Heavy Equipment Mechanic Heating and Cooling Mechanic	Automotive Mechanics

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Health Science and Human Services

Cluster of Study: Health Science Technology

Major: Health Science Technology

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)	Complementary Coursework		Extended Learning Opportunity Options Related to Major	
Health Science Technology 1 Health Science Technology 2 Intro to Medical Terminology Medical Terminology HST/CNA Medical Law and Ethics	Biology 2 Anatomy & Physiology		Shadowing Internship HOSA	

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
Registered Nurse Licensed Practical Nurse Pharmacy Technician Medical Coder/Biller Radiologic Technologist Surgical Technologist	Nurse Medic	General Health Science Nursing

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Health Science and Human Services

Cluster of Study: Human Services

Major: Cosmetology

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)	Complementary Coursework		Extended Learning Opportunity Options Related to Major	
Cosmetology 1 Cosmetology 2 Cosmetology 3 Cosmetology 4	Biology 1 Chemistry 1 Biology 2 Anatomy & Physiology Modern Language		Shadowing Internship	

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
Hairstylist Electrologist Manicurist Make-up Artist	Barber	Cosmetology Barbering/Hairstyling

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Public Services

Cluster of Study: Government & Public Administration

Major: Social Science

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)	Complementary Coursework		Extended Learning Opportunity Options Related to Major	
Law Education Psychology/Sociology Public Speaking Holocaust & Intolerance Studies Modern Language	Statistics AP US History AP European History AP Human Geography		Shadowing Internship	

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
Child Welfare Worker School Social Worker Family Caseworker Educational Counselor Employment Specialist Community Organizer	Caseworker and Counselor Social Worker	Community Health Services Psychology Social Work Housing Studies

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Public Services

Cluster of Study: Law, Public Safety and Security

Major: Military Science

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)	Complementary Coursework		Extended Learning Opportunity Options Related to Major	
Army JROTC 1, 2, 3 & 4	Business Courses Psychology/Sociology Modern Language Courses Physical Education Courses JROTC Leadership Seminar NCCC Technology Courses		Shadowing Internship	

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
Law Enforcement Officer Correctional Officer FBI Agent	Military NCO Military Officer	Military Science Political Science Business

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Public Service

Cluster of Study: Law, Public Safety and Security

Major: Law Enforcement Services

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)		Complementary Coursework		Extended Learning Opportunity Options Related to Major
Law Enforcement Services 1 Law Enforcement Services 2 Emergency and Fire Management Services 1		Psychology Sociology Law Education Public Speaking JROTC		Shadowing Internship

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
Law Enforcement Officer Corrections Officer State Highway Patrol Officer Security Guard Private Detective	Military Police Intelligence Officer Security Specialist	Criminal Justice Law Enforcement/Police Science

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Business Management and Information Systems

Cluster of Study: Business Management and Administration

Major: Business Information Management

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)	Complementary Coursework		Extended Learning Opportunity Options Related to Major	
<u>Required</u> : Digital Desktop Publishing, Web Page Design <u>Two of the following</u> : Integrated Business Applications 1 & 2 Digital Multimedia Entrepreneurship Foundations of Animation Image Editing 1 & 2	Additional modern language Law Education Public Speaking English 101 & 102 (Dual Credit)		Shadowing Internship FBLA	

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
City Management Human Resources Operations Research Analyst Statistician	Finance and Accounting Manager Management Analyst	Business Administration Enterprise Management International Business Labor/Personnel Relations

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Business Management and Information Systems

Cluster of Study: Business Management and Administration

Major: General Management

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)		Complementary Coursework		Extended Learning Opportunity Options Related to Major
<u>Required:</u> Accounting I Entrepreneurship <u>Two of the following:</u> Accounting 2 Integrated Business Applications 1 & 2		Economics Modern Language Psychology/Sociology Civics Law Education Creative Writing		Shadowing Internship FBLA

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
General Manager Retail Management Human Resources Facilities Manager Meeting Planner	Industrial Engineer Management Analyst Purchasing and Contracting Managers Management Analyst	Business Administration International Business Operations Management Public Administration

* Course selection will depend on satisfying prerequisite.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Business Management and Information Systems

Cluster of Study: Finance

Major: Accounting

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)	Complementary Coursework		Extended Learning Opportunity Options Related to Major	
Required: Accounting 1 & 2 <u>Two of the following:</u> Integrated Business Applications 1 & 2 Entrepreneurship	Modern Language Creative Writing Law Education Psychology Sociology Civics Economics		Shadowing Internship FBLA	

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
Bank Teller Accountant Certified Public Accountant Tax Examiner	Payroll Specialist Finance and Accounting Manager	Accounting Business Finance Economics

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Business Management and Information Systems

Cluster of Study: Information Technology

Major: Web and Digital Communications

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)	Complementary Coursework		Extended Learning Opportunity Options Related to Major	
Required: Foundations of Animation Image Editing 1 Two of the following: Integrated Business Applications 1 & 2 Digital Desktop Publishing Digital Multimedia Web Page Design and Development 1 & 2 Image Editing 2 Entrepreneurship	Economics Modern Language Psychology/Sociology Civics Law Education Creative Writing		Shadowing Internship FBLA	

Opportunities Upon Graduation		
Related Occupations	Related Military Occupations	Related College Majors
Information Processing Specialist Web Site Maintenance Specialist Desktop Publishing Specialist	Administrative Assistant Executive Assistant Front Office Assistant Data Entry Specialist Computer Systems Specialist	Computer Graphics Data Based Administration Graphic Design Information Science

* Course selection will depend on satisfying prerequisites.

THE SCHOOL DISTRICT OF NEWBERRY COUNTY
Curriculum Template

Business Management and Information Systems

Cluster of Study: Marketing Sales and Services

Major: Marketing Communications

Required Core for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units	English	English	English	English
Math* Four Units	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Science* Three Units	Physical Science	Biology	Chemistry	Physics
Social Studies Three Units	World Geography	History of the Modern World	US History	Economics/ Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Modern Language or CATE (one unit) Electives (seven units)		Pass High School Assessment Program (HSAP)	
+Required Courses for Major (Minimum of four credits required)		Complementary Coursework		Extended Learning Opportunity Options Related to Major
<u>Required:</u> Marketing Advertising <u>Two of the following:</u> Digital Desktop Publishing Sports and Entertainment Marketing 1 Web Page Design Development 1 Digital Multimedia Entrepreneurship Image Editing 1 & 2		Desktop Publishing Business Law Psychology Intro to Business Marketing		Shadowing Internship FBLA DECA

Opportunities Upon Graduation

Related Occupations	Related Military Occupations	Related College Majors
Advertising Manager Customer Service Representative Visual/Creative Display Artist Contract Administrator	Recruitment Specialist Personnel Manager	Marketing Advertising Marketing Research Public Relations

* Course selection will depend on satisfying prerequisites.