

RIDGE VIEW HIGH SCHOOL

Cluster of Study: Architecture and Construction
Major: Architecture

Required Core for Graduation	SAMPLE CORE CHOICES			
	<i>The core academic courses listed represent the more commonly chosen courses and sequences</i>			
	9	10	11	12
English* Four Units	English 1	English 2	English 3	English 4
Math* Four Units	Algebra 1	Algebra 2	Geometry	Algebra 3 or Probability & Statistics
Science* Three Units	Physical Science	Biology	Chemistry	Physics or Marine Science Anatomy & Physiology
Social Studies* Three Units	One unit of Social Studies		US History	Government/ Economics
Additional State Requirements	Physical Education <i>or</i> JROTC (1 unit) Computer Science (1 unit) Foreign Language <i>or</i> CATE (1 unit) Electives (6½ units)		Health (½ unit) Pass High School Assessment Program (HSAP)	

+Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Physics Algebra 3 Pre-Calculus AP Calculus Architectural Design I, II Mechanical Design I, II	AP Physics Probability & Statistics Electricity I, II	Shadowing Internship Career Information Delivery System Exposure Dual-Credit School to Work Service Learning

Possible Professional Opportunities Upon Graduation		
<i>For additional college entrance requirements, refer to the college of your choice</i>		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Drafting Assistant Technical Illustrator Carpenter Construction Technician	CAD Technician Architectural Engineer Technician Civil Engineer Technician Engineering Design Technician	Architect Construction Engineer Civil Environmental Engineer Mechanical Engineer

*Course selection will depend on satisfying prerequisites.

RIDGE VIEW HIGH SCHOOL

Cluster of Study: Arts, A/V Technology and Communications
Major: Visual Arts

Required Core for Graduation	SAMPLE CORE CHOICES			
	<i>The core academic courses listed represent the more commonly chosen courses and sequences</i>			
	9	10	11	12
English* Four Units	English 1	English 2	English 3	English 4
Math* Four Units	Algebra 1	Algebra 2	Geometry	Algebra 3 or Probability & Statistics
Science* Three Units	Physical Science	Biology	Chemistry	Physics or Marine Science Anatomy & Physiology
Social Studies* Three Units	One unit of Social Studies		US History	Government/ Economics
Additional State Requirements	Physical Education <i>or</i> JROTC (1 unit) Computer Science (1 unit) Foreign Language <i>or</i> CATE (1 unit) Electives (6½ units)		Health (½ unit) Pass High School Assessment Program (HSAP)	

+Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Art I Photography 2D Art T & G Visual Art Adv. 2D Art Adv. Photography 3D Art Teacher Cadet AP Studio Art AP Art History	Art of Film Film Production Fine Arts Courses Marketing World Languages Social Studies Courses	Shadowing Internship Career Information Delivery System Exposure Dual-Credit School to Work Service Learning

Possible Professional Opportunities Upon Graduation

For additional college entrance requirements, refer to the college of your choice

High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Artist Photographer Craft Artist Florist	Cartoonist Graphic Illustrator Interior Designer Fashion Designer	Art Educator Photojournalist Curator/Gallery Manager Art Therapist

*Course selection will depend on satisfying prerequisites.

RIDGE VIEW HIGH SCHOOL

Cluster of Study: Arts, A/V Technology and Communications **Major:** Performing Arts

Required Core for Graduation	SAMPLE CORE CHOICES			
	<i>The core academic courses listed represent the more commonly chosen courses and sequences</i>			
	9	10	11	12
English* Four Units	English 1	English 2	English 3	English 4
Math* Four Units	Algebra 1	Algebra 2	Geometry	Algebra 3 or Probability & Statistics
Science* Three Units	Physical Science	Biology	Chemistry	Physics or Marine Science Anatomy & Physiology
Social Studies* Three Units	One unit of Social Studies		US History	Government/ Economics
Additional State Requirements	Physical Education <i>or</i> JROTC (1 unit) Computer Science (1 unit) Foreign Language <i>or</i> CATE (1 unit) Electives (6½ units)		Health (½ unit) Pass High School Assessment Program (HSAP)	

+Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Concert Band Courses Symphonic Band Courses Orchestra Courses Dance Courses Drama Courses Teacher Cadet Choral Courses	Social Studies Courses World Languages Fine Arts Courses Film Production Creative Writing	Shadowing Internship Career Information Delivery System Exposure Dual-Credit School to Work Service Learning

Possible Professional Opportunities Upon Graduation		
<i>For additional college entrance requirements, refer to the college of your choice</i>		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Musician/Accompanist Actor Singer Make-up Artist	Set Design Technician Costume Technician Sound/Lighting Technician Stage Electrician	Actor/Producer/Director/Educator Music Therapist Dance Educator Band/Choral Director/Educator

*Course selection will depend on satisfying prerequisites.

RIDGE VIEW HIGH SCHOOL

Cluster of Study: Arts, A/V Technology and Communications

Major: Media Arts

Required Core for Graduation	SAMPLE CORE CHOICES			
	<i>The core academic courses listed represent the more commonly chosen courses and sequences</i>			
	9	10	11	12
English* Four Units	English 1	English 2	English 3	English 4
Math* Four Units	Algebra 1	Algebra 2	Geometry	Algebra 3 or Probability & Statistics
Science* Three Units	Physical Science	Biology	Chemistry	Physics or Marine Science Anatomy & Physiology
Social Studies* Three Units	One unit of Social Studies		US History	Government/ Economics
Additional State Requirements	Physical Education <i>or</i> JROTC (1 unit) Computer Science (1 unit) Foreign Language <i>or</i> CATE (1 unit) Electives (6½ units)		Health (½ unit) Pass High School Assessment Program (HSAP)	

+Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Journalism Media Journalism Newspaper Production Computer Technology Writer's Workshop Creative Writing Film Production AP English	Adv. Writer's Workshop Art of Film Fine Arts Courses World Languages Social Studies Courses Teacher Cadet	Shadowing Internship Career Information Delivery System Exposure Dual-Credit School to Work Service Learning

Possible Professional Opportunities Upon Graduation

For additional college entrance requirements, refer to the college of your choice

High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Disc Jockey Layout Designer Broadcast Technician Audio/Video Operator	Technical Writer Proofreader Reporter Sound Engineering Technician	Journalist Television Anchor Station Manager Media Specialist

*Course selection will depend on satisfying prerequisites.

RIDGE VIEW HIGH SCHOOL

Cluster of Study: Arts, A/V Technology and Communication
Major: English

Required Core for Graduation	SAMPLE CORE CHOICES			
	<i>The core academic courses listed represent the more commonly chosen courses and sequences</i>			
	9	10	11	12
English* Four Units	English 1	English 2	English 3	English 4
Math* Four Units	Algebra 1	Algebra 2	Geometry	Algebra 3 or Probability & Statistics
Science* Three Units	Physical Science	Biology	Chemistry	Physics or Marine Science Anatomy & Physiology
Social Studies* Three Units	One unit of Social Studies		US History	Government/ Economics
Additional State Requirements	Physical Education <i>or</i> JROTC (1 unit) Computer Science (1 unit) Foreign Language <i>or</i> CATE (1 unit) Electives (6½ units)		Health (½ unit) Pass High School Assessment Program (HSAP)	

+Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
English 1 Honors English 2 Honors AP English Lang/Comp AP English Lit/Comp Journalism (one credit only) Public Speaking	Yearbook Creative Writing Journalism Courses Teacher Cadet Fine Arts Courses Social Studies Courses	Shadowing Internship Career Information Delivery System Exposure Dual-Credit School to Work Service Learning

Possible Professional Opportunities Upon Graduation		
<i>For additional college entrance requirements, refer to the college of your choice</i>		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Receptionist Sales Associate Library Associate Clerical Assistant	Proofreader Reporter Technical Writer Administrative Assistant	Educator Public Relations Specialist Writer Editor

*Course selection will depend on satisfying prerequisites.

RIDGE VIEW HIGH SCHOOL

Cluster of Study: Liberal Arts & Humanities

Major: World Languages

Required Core for Graduation	SAMPLE CORE CHOICES			
	<i>The core academic courses listed represent the more commonly chosen courses and sequences</i>			
	9	10	11	12
English* Four Units	English 1	English 2	English 3	English 4
Math* Four Units	Algebra 1	Algebra 2	Geometry	Algebra 3 or Probability & Statistics
Science* Three Units	Physical Science	Biology	Chemistry	Physics or Marine Science Anatomy & Physiology
Social Studies* Three Units	One unit of Social Studies		US History	Government/ Economics
Additional State Requirements	Physical Education <i>or</i> JROTC (1 unit) Computer Science (1 unit) Foreign Language <i>or</i> CATE (1 unit) Electives (6½ units)		Health (½ unit) Pass High School Assessment Program (HSAP)	

+Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
French 1, 2, 3, 4 Spanish 1, 2, 3, 4 Teacher Cadet	Other World Languages Social Studies Courses JROTC Fine Arts Courses English Electives	Shadowing Internship Career Information Delivery System Exposure Dual-Credit School to Work Service Learning

Possible Professional Opportunities Upon Graduation

For additional college entrance requirements, refer to the college of your choice

High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Tour Guide Military Specialist	Travel Agent Customer Service Representative	Educator Language Translator/Interpreter Business Consultant Military Intelligence

*Course selection will depend on satisfying prerequisites.

RIDGE VIEW HIGH SCHOOL

Cluster of Study: Business, Management and Administration
Major: Business Man.

Required Core for Graduation	SAMPLE CORE CHOICES			
	<i>The core academic courses listed represent the more commonly chosen courses and sequences</i>			
	9	10	11	12
English* Four Units	English 1	English 2	English 3	English 4
Math* Four Units	Algebra 1	Algebra 2	Geometry	Algebra 3 or Probability & Statistics
Science* Three Units	Physical Science	Biology	Chemistry	Physics or Marine Science Anatomy & Physiology
Social Studies* Three Units	One unit of Social Studies		US History	Government/ Economics
Additional State Requirements	Physical Education <i>or</i> JROTC (1 unit) Computer Science (1 unit) Foreign Language <i>or</i> CATE (1 unit) Electives (6½ units)		Health (½ unit) Pass High School Assessment Program (HSAP)	

+Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Accounting I Prob & Stat Entrepreneurship Web Page Des. Business and Personal Finance Pre-Calculus or higher Computer Technology Document Processing Business Computer Applications Entrepreneurship	Web Page Design World Languages Psychology Sociology Marketing Accounting II	Shadowing Internship Career Information Delivery System Exposure Dual-Credit School to Work Service Learning

Possible Professional Opportunities Upon Graduation		
<i>For additional college entrance requirements, refer to the college of your choice</i>		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Receptionist Clerk Data Entry Word Processor	Office Manager Financial Services Agent Credit Manager	Educator Retail Manager

*Course selection will depend on satisfying prerequisites.

RIDGE VIEW HIGH SCHOOL

Cluster of Study: Education and Training
Major: Education

Required Core for Graduation	SAMPLE CORE CHOICES <i>The core academic courses listed represent the more commonly chosen courses and sequences</i>			
	9	10	11	12
English* Four Units	English 1	English 2	English 3	English 4
Math* Four Units	Algebra 1	Algebra 2	Geometry	Algebra 3 or Probability & Statistics
Science* Three Units	Physical Science	Biology	Chemistry	Physics or Marine Science Anatomy & Physiology
Social Studies* Three Units	One unit of Social Studies		US History	Government/ Economics
Additional State Requirements	Physical Education <i>or</i> JROTC (1 unit) Computer Science (1 unit) Foreign Language <i>or</i> CATE (1 unit) Electives (6½ units)		Health (½ unit) Pass High School Assessment Program (HSAP)	

+Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Teacher Cadet Psychology Sociology Two Content – Specific Electives Executive Internship	School/Community Leadership Creative Writing Fine Arts Courses Computer Technology	Shadowing Internship Career Information Delivery System Exposure Dual-Credit School to Work Service Learning

Possible Professional Opportunities Upon Graduation <i>For additional college entrance requirements, refer to the college of your choice</i>		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Day Care Worker Docent Driving School Instructor Teacher's Aide	Day Care Provider Instructional Assistant Substitute Teacher	Educator Social Worker Counselor/Psychologist Human Resource Director

*Course selection will depend on satisfying prerequisites.

RIDGE VIEW HIGH SCHOOL

Cluster of Study: Finance

Major: Business Finance

Required Core for Graduation	SAMPLE CORE CHOICES			
	<i>The core academic courses listed represent the more commonly chosen courses and sequences</i>			
	9	10	11	12
English* Four Units	English 1	English 2	English 3	English 4
Math* Four Units	Algebra 1	Algebra 2	Geometry	Algebra 3 or Probability & Statistics
Science* Three Units	Physical Science	Biology	Chemistry	Physics or Marine Science Anatomy & Physiology
Social Studies* Three Units	One unit of Social Studies		US History	Government/ Economics
Additional State Requirements	Physical Education <i>or</i> JROTC (1 unit) Computer Science (1 unit) Foreign Language <i>or</i> CATE (1 unit) Electives (6½ units)		Health (½ unit) Pass High School Assessment Program (HSAP)	

+Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Accounting I Prob & Stat Accounting II Business and Personal Finance Pre-Calculus or higher Computer Technology Document Processing Business Computer Applications	Web Page Design World Languages Psychology Sociology Marketing	Shadowing Internship Career Information Delivery System Exposure Dual-Credit School to Work Service Learning

Possible Professional Opportunities Upon Graduation		
<i>For additional college entrance requirements, refer to the college of your choice</i>		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Bookkeeping Clerk Bank Teller Medical Billing Clerk Payroll Clerk	Auditor Accountant Financial Services Agent Credit Manager	Educator Certified Public Accountant Financial Planner Chief Financial Officer

*Course selection will depend on satisfying prerequisites.

RIDGE VIEW HIGH SCHOOL

Cluster of Study: Government and Public Administration
Major: Military Science

Required Core for Graduation	SAMPLE CORE CHOICES			
	<i>The core academic courses listed represent the more commonly chosen courses and sequences</i>			
	9	10	11	12
English* Four Units	English 1	English 2	English 3	English 4
Math* Four Units	Algebra 1	Algebra 2	Geometry	Algebra 3 or Probability & Statistics
Science* Three Units	Physical Science	Biology	Chemistry	Physics or Marine Science Anatomy & Physiology
Social Studies* Three Units	One unit of Social Studies		US History	Government/ Economics
Additional State Requirements	Physical Education <i>or</i> JROTC (1 unit) Computer Science (1 unit) Foreign Language <i>or</i> CATE (1 unit) Electives (6½ units)		Health (½ unit) Pass High School Assessment Program (HSAP)	

+Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
JROTC I JROTC II JROTC III JROTC IV World Languages II & above	JROTC Battalion Staff Drill Team Social Studies Courses Science Courses	Shadowing Internship Career Information Delivery System Exposure Dual-Credit School to Work Service Learning

Possible Professional Opportunities Upon Graduation		
<i>For additional college entrance requirements, refer to the college of your choice</i>		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Military Police Officer Firefighter Dispatcher	Military Emergency Medical Technician Firefighter Supervisor Detective	Officer/Military Emergency Management FBI Agent Fire Chief Criminologist

*Course selection will depend on satisfying prerequisites.

RIDGE VIEW HIGH SCHOOL

Cluster of Study: Health Science

Major: Allied Health

Required Core for Graduation	SAMPLE CORE CHOICES			
	<i>The core academic courses listed represent the more commonly chosen courses and sequences</i>			
	9	10	11	12
English* Four Units	English 1	English 2	English 3	English 4
Math* Four Units	Algebra 1	Algebra 2	Geometry	Algebra 3 or Probability & Statistics
Science* Three Units	Physical Science	Biology	Chemistry	Physics or Marine Science Anatomy & Physiology
Social Studies* Three Units	One unit of Social Studies		US History	Government/ Economics
Additional State Requirements	Physical Education <i>or</i> JROTC (1 unit) Computer Science (1 unit) Foreign Language <i>or</i> CATE (1 unit) Electives (6½ units)		Health (½ unit) Pass High School Assessment Program (HSAP)	

+Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major

Possible Professional Opportunities Upon Graduation		
<i>For additional college entrance requirements, refer to the college of your choice</i>		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher

*Course selection will depend on satisfying prerequisites.

RIDGE VIEW HIGH SCHOOL

Cluster of Study: Health Science
Major: Medical Sciences

Required Core for Graduation	SAMPLE CORE CHOICES <i>The core academic courses listed represent the more commonly chosen courses and sequences</i>			
	9	10	11	12
English* Four Units	English 1	English 2	English 3	English 4
Math* Four Units	Algebra 1	Algebra 2	Geometry	Algebra 3 or Probability & Statistics
Science* Three Units	Physical Science	Biology	Chemistry	Physics or Marine Science Anatomy & Physiology
Social Studies* Three Units	One unit of Social Studies		US History	Government/ Economics
Additional State Requirements	Physical Education <i>or</i> JROTC (1 unit) Computer Science (1 unit) Foreign Language <i>or</i> CATE (1 unit) Electives (6½ units)		Health (½ unit) Pass High School Assessment Program (HSAP)	

+Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Intro to HST HST I HST II Biology 2 H AP Biology Chemistry 2 H AP Chemistry	Anat & Phys Sports Med I Sports Med II Gerontology Pharmacology Psychology Sociology Forensic Science	Shadowing Internship Career Information Delivery System Exposure Dual-Credit School to Work Service Learning

Possible Professional Opportunities Upon Graduation <i>For additional college entrance requirements, refer to the college of your choice</i>		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Medical Record Clerk Lab Assistant Certified Nursing Assistant Pharmacy Technician	Occupational Technician Practical Nursing Surgical Technician Radiological Technician	Medical Researcher Physician/Dentist Forensic Technologist Pathologist

*Course selection will depend on satisfying prerequisites.

RIDGE VIEW HIGH SCHOOL

Cluster of Study: Information Technology
Major: Computer Technology

Required Core for Graduation	SAMPLE CORE CHOICES			
	<i>The core academic courses listed represent the more commonly chosen courses and sequences</i>			
	9	10	11	12
English* Four Units	English 1	English 2	English 3	English 4
Math* Four Units	Algebra 1	Algebra 2	Geometry	Algebra 3 or Probability & Statistics
Science* Three Units	Physical Science	Biology	Chemistry	Physics or Marine Science Anatomy & Physiology
Social Studies* Three Units	One unit of Social Studies		US History	Government/ Economics
Additional State Requirements	Physical Education <i>or</i> JROTC (1 unit) Computer Science (1 unit) Foreign Language <i>or</i> CATE (1 unit) Electives (6½ units)		Health (½ unit) Pass High School Assessment Program (HSAP)	

+Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Computer Technology eSchool Seminar 1, 2, 3, 4 IC3 Information Technology Web Page Design I Web Page Design II Algebra 3 or higher	Networking I Networking II Computer Service Technology I Computer Service Technology II Marketing	Shadowing Internship Career Information Delivery System Exposure Dual-Credit School to Work Service Learning

Possible Professional Opportunities Upon Graduation		
<i>For additional college entrance requirements, refer to the college of your choice</i>		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
PC Support Specialist Technical Support Specialist Web Site Maintenance Specialist	Web Designer Help Desk Specialist Network Administrator Computer Programmer	Systems Analyst Software Application Manager Computer Software Engineer Operations Research Analyst

*Course selection will depend on satisfying prerequisites.

RIDGE VIEW HIGH SCHOOL

Cluster of Study: Information Technology

**Major: Telecommunications &
Networking**

Required Core for Graduation	SAMPLE CORE CHOICES <i>The core academic courses listed represent the more commonly chosen courses and sequences</i>			
	9	10	11	12
English* Four Units	English 1	English 2	English 3	English 4
Math* Four Units	Algebra 1	Algebra 2	Geometry	Algebra 3 or Probability & Statistics
Science* Three Units	Physical Science	Biology	Chemistry	Physics or Marine Science Anatomy & Physiology
Social Studies* Three Units	One unit of Social Studies		US History	Government/ Economics
Additional State Requirements	Physical Education <i>or</i> JROTC (1 unit) Computer Science (1 unit) Foreign Language <i>or</i> CATE (1 unit) Electives (6½ units)		Health (½ unit) Pass High School Assessment Program (HSAP)	

+Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Computer Technology Computer Service Technology I Computer Service Technology II Networking I Networking II Algebra 3 or above	Web Page Design I Web Page Design II eSchool Seminar 1, 2, 3, 4 Marketing	Shadowing Internship Career Information Delivery System Exposure Dual-Credit School to Work Service Learning

Possible Professional Opportunities Upon Graduation <i>For additional college entrance requirements, refer to the college of your choice</i>		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Routing Specialist Networking Specialist Electronics Sales Representative	Telecommunications Manager LAN Administrator Provisioning Coordinator Network Technician	Telecommunications Design Engineer Network Administrator Systems Analyst

*Course selection will depend on satisfying prerequisites.

RIDGE VIEW HIGH SCHOOL

Cluster of Study: Marketing, Sales and Service
Major: Marketing & Advertising

Required Core for Graduation	SAMPLE CORE CHOICES			
	<i>The core academic courses listed represent the more commonly chosen courses and sequences</i>			
	9	10	11	12
English* Four Units	English 1	English 2	English 3	English 4
Math* Four Units	Algebra 1	Algebra 2	Geometry	Algebra 3 or Probability & Statistics
Science* Three Units	Physical Science	Biology	Chemistry	Physics or Marine Science Anatomy & Physiology
Social Studies* Three Units	One unit of Social Studies		US History	Government/ Economics
Additional State Requirements	Physical Education <i>or</i> JROTC (1 unit) Computer Science (1 unit) Foreign Language <i>or</i> CATE (1 unit) Electives (6½ units)		Health (½ unit) Pass High School Assessment Program (HSAP)	

+Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Marketing Sports & Entertainment Marketing 2D Art Accounting I Accounting II Pre-Calculus or higher Probability & Statistics	Computer Technology Web Page Design Film Production Photography Psychology Sociology World Languages	Shadowing Internship Career Information Delivery System Exposure Dual-Credit School to Work Service Learning

Possible Professional Opportunities Upon Graduation		
<i>For additional college entrance requirements, refer to the college of your choice</i>		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Sales Associate Visual Display Artist Customer Service Representative	Advertising & Promotion Manager Retail Buyer Marketing Specialist Fashion Designer	Public Relations Manager Sales Representative Market Research Analyst Sports Agent

*Course selection will depend on satisfying prerequisites.

RIDGE VIEW HIGH SCHOOL

Cluster of Study: Science, Technology, Engineering, and Mathematics
Major: Math

Required Core for Graduation	SAMPLE CORE CHOICES			
	<i>The core academic courses listed represent the more commonly chosen courses and sequences</i>			
	9	10	11	12
English* Four Units	English 1	English 2	English 3	English 4
Math* Four Units	Algebra 1	Algebra 2	Geometry	Algebra 3 or Probability & Statistics
Science* Three Units	Physical Science	Biology	Chemistry	Physics or Marine Science Anatomy & Physiology
Social Studies* Three Units	One unit of Social Studies		US History	Government/ Economics
Additional State Requirements	Physical Education <i>or</i> JROTC (1 unit) Computer Science (1 unit) Foreign Language <i>or</i> CATE (1 unit) Electives (6½ units)		Health (½ unit) Pass High School Assessment Program (HSAP)	

+Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Probability & Statistics Pre-Calculus AP Calculus AP Statistics Teacher Cadet Accounting Mechanical Design I	Pre-Engineering Mechanical Design II Architectural Engineering Architectural Design Physics Chemistry	Shadowing Internship Career Information Delivery System Exposure Dual-Credit School to Work Service Learning

Possible Professional Opportunities Upon Graduation		
<i>For additional college entrance requirements, refer to the college of your choice</i>		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Bank Teller Accounts Clerk Bookkeeper	Accountant Tax Preparer	Certified Public Accountant Stock Broker Engineer Statistician

*Course selection will depend on satisfying prerequisites.

RIDGE VIEW HIGH SCHOOL

Cluster of Study: Science, Technology, Engineering, and Mathematics
Major: Science

Required Core for Graduation	SAMPLE CORE CHOICES			
	<i>The core academic courses listed represent the more commonly chosen courses and sequences</i>			
	9	10	11	12
English* Four Units	English 1	English 2	English 3	English 4
Math* Four Units	Algebra 1	Algebra 2	Geometry	Algebra 3 or Probability & Statistics
Science* Three Units	Physical Science	Biology	Chemistry	Physics or Marine Science Anatomy & Physiology
Social Studies* Three Units	One unit of Social Studies		US History	Government/ Economics
Additional State Requirements	Physical Education <i>or</i> JROTC (1 unit) Computer Science (1 unit) Foreign Language <i>or</i> CATE (1 unit) Electives (6½ units)		Health (½ unit) Pass High School Assessment Program (HSAP)	

+Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Biology Biology 2 Hon AP Biology Chemistry Chemistry 2 Hon AP Chemistry	Marine Science Anat & Phys Physics AP Chemistry	Math Courses English Courses World Languages Teacher Cadet
		Shadowing Internship Career Information Delivery System Exposure Dual-Credit School to Work Service Learning

Possible Professional Opportunities Upon Graduation		
<i>For additional college entrance requirements, refer to the college of your choice</i>		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Environmental Management Landscape Zoo Attendant Production Worker	Materials Handler Forestry Technician Veterinarian Technician Lab Technician	Chemist Engineer Educator Physicist Meteorologist Ecologist

*Course selection will depend on satisfying prerequisites.

RIDGE VIEW HIGH SCHOOL

Cluster of Study: Science, Technology, Engineering, and Mathematics Major: Engineering

Required Core for Graduation	SAMPLE CORE CHOICES <i>The core academic courses listed represent the more commonly chosen courses and sequences</i>			
	9	10	11	12
English* Four Units	English 1	English 2	English 3	English 4
Math* Four Units	Algebra 1	Algebra 2	Geometry	Algebra 3 or Probability & Statistics
Science* Three Units	Physical Science	Biology	Chemistry	Physics or Marine Science Anatomy & Physiology
Social Studies* Three Units	One unit of Social Studies		US History	Government/ Economics
Additional State Requirements	Physical Education <i>or</i> JROTC (1 unit) Computer Science (1 unit) Foreign Language <i>or</i> CATE (1 unit) Electives (6½ units)		Health (½ unit) Pass High School Assessment Program (HSAP)	

+Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Pre-Calculus AP Calculus Mechanical Design I, II Architectural Design I, II Physics Physics Honors AP Physics	Pre-Engineering Chemistry Probability & Statistics Electricity I, II	Shadowing Internship Career Information Delivery System Exposure Dual-Credit School to Work Service Learning

Possible Professional Opportunities Upon Graduation <i>For additional college entrance requirements, refer to the college of your choice</i>		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Drafting Assistant Construction Technician		Electrical Engineer Mechanical Engineer Construction Engineer Civil Environmental Engineer

*Course selection will depend on satisfying prerequisites.