

# WELCOME TO REPUBLIC HIGH SCHOOL

The decisions and choices you make as a student at Republic High School will have a profound and long-lasting effect on your future. You are encouraged to make your own decisions and to be responsible for the consequences of them.

All students should develop a four-year plan of study according to their individual interests, abilities, and goals. Each spring the student will study and adjust the four-year plan, using input from parents, teachers, counselors, and other resources. Students should utilize career information in the counselors' office and the media center to aid in developing the four-year plan. Information on careers, vocational-technical schools, scholarships, college entrance requirements, and other related data is available from the counselors, the A+ Coordinator, or in the media center.

Parent involvement is critical to the success of the student's four-year plan. It is the responsibility of each student to read carefully all of the registration materials and requirements for graduation, and to be willing to live with the choices made for the year. Parents should be aware of the requirements and recommendations for their student's chosen pathway. Also, parents should support the student and school by providing proper study atmosphere at home and by maintaining good communications with school officials and teachers.

We challenge you to set high standards for yourself, select courses and organizations which will advance you toward those goals, attend classes daily, and work hard to achieve your goals.

## COUNSELORS' MESSAGE

### ***To Parents and Students:***

The program of studies at the high school level is designed to expand the general educational experiences of all students and to prepare students for the world of work and/or further education after graduation. Your high school program should be planned with your post-secondary objectives in mind. Requirements for college prep diplomas, the Coordinating Board for Higher Education's Required High School Core Curriculum, and the admission standards for Missouri and area colleges are provided.

We encourage parents to check grade cards which are generated eight times per year on a four week interval. The graduation credit requirement to receive a diploma from Republic High School is twenty-six (26) units. For those students attending Ozarks Technical College, 3 units of high school credit are earned. The high school graduation credit requirement is reduced by one (1) unit for each year completed at OTC.

The Missouri State High School Activities Association requires students to pass 3.0 credits each semester to be eligible for competitive school activities the following semester. Competitive school activities would include sports, speech and debate, choir, band, cheerleading, poms, etc. Additionally, students must be currently enrolled in 3.0 credits. In order to be eligible for either the A or B Honor Roll or to receive an Academic Letter, the student must be enrolled in six classes for credit.

We want to make the high school experience a positive one for all students and look forward to working with them. If we can answer questions or be of any assistance, please contact us at the numbers listed below.

Republic High School Counseling Staff

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**Republic High School Mission Statement**  
**“Preparing Students for Success in Future Endeavors”**

# **DISTRICT MISSION STATEMENT**

## ***“Educating Youth for a Better Tomorrow”***

Educating youth for a better tomorrow is the mission of the Republic R-III School District. Together we will ensure quality educational experiences in a safe environment that enables all students to acquire the knowledge, skills, and attitudes necessary to become responsible successful individuals.

## **DISTRICT PHILOSOPHY**

The Board of Education, administration, faculty, staff and patrons believe the Republic R-III School District exists to help students in preparing them to become productive citizens in a democratic society. To achieve this, we believe that it is necessary for administrators, teachers, students and parents to take responsibility for each child’s education. We believe that only through common effort will individuals develop the social, intellectual, physical, emotional, and spiritual potential, which allows students to become productive members of society.

In order to perpetuate and improve society, Republic Schools will provide an environment for all students to develop habits, knowledge and technological skills, thereby preparing them to be able to make sound choices, participate effectively in a vocational pursuit, and become citizens of the 21<sup>st</sup> century.

## **DISTRICT GOALS**

1. Upon exiting the Republic School District, students will possess the skills to construct meaning by gathering, understanding, analyzing and applying information, ideas and concepts.
2. Upon exiting the Republic School District, students will possess the skills to communicate effectively.
3. Upon exiting the Republic School District, students will possess the skills to solve problems.
4. Upon exiting the Republic School District, students will possess the skills to make responsible decisions individually, and within groups, as students, family members, workers and citizens.
5. Upon exiting the Republic School District, students will possess the technical skills needed to be productive citizens of the 21<sup>st</sup> century.
6. Upon exiting the Republic School District, students will possess knowledge, skills and abilities that will enable them to lead a healthy lifestyle.

# TABLE OF CONTENTS

Counselors' Message.....	1
Republic R-III District Mission.....	2
Republic R-III District Philosophy.....	2
Republic R-III District Goals.....	2
Your Choices After High School.....	4
How To Use This Career Planning Book.....	4
A+ Schools Program.....	5
Choosing a Career Pathway.....	6
Arts & Communication.....	7
Business Management & Technology.....	8
Health Services.....	9
Human Services.....	10
Industrial & Engineering Technology.....	11
Natural Resources Agriculture.....	12
Career Path Planning.....	13
Requirements for Graduation / Information.....	14-19
Republic High School Course Descriptions.....	20-33
Communication Arts.....	20-21
Foreign Language.....	21
Mathematics.....	21-22
Science.....	22-23
Social Studies.....	23-24
Fine Arts.....	24-27
Health / Physical Education.....	27
Agricultural Technology.....	28-29
Industrial Technology.....	29
Business.....	29-30
Cooperative Education.....	30
Family and Consumer Sciences.....	30-31
Special Services.....	32
Other Electives.....	32-33
Main Street Learning.....	33
Ozarks Technical College Career Center.....	34
Missouri Colleges Accepting A+ Students.....	35
Four-Year Colleges & Universities Offering Awards to A+ Graduates.....	36

# YOUR CHOICES AFTER HIGH SCHOOL

## Explore The Options

- ✓ Read about careers, vocational training or college in the counseling department's career center, public library, newspapers, and high school media center and web site.
- ✓ Use the computerized program installed on the computers in the career and media centers to explore military, technical schools, colleges, careers, financial aid, and scholarship information. A list of web sites is displayed in the career center.
- ✓ Visit work places, observe, job shadow, and volunteer.
- ✓ Investigate technical schools, community, and four-year colleges.

## Know Yourself

Education	What courses have you taken? With how much academic challenge are you comfortable? Do you want to continue with college, vocational training, or on-the-job training?
Interests	What are you interested in - - working with people, working alone, working indoors or outdoors? Develop a list of the types of jobs and conditions you like best, but be flexible. Have you chosen one of the six career paths?
Skills and Abilities	Make a list of your skills and abilities. Include your organizational skills, your management skills, and your special talents.
Experience	What has been your involvement in clubs, social activities, travel, volunteer work, or paid employment? Include the types of responsibilities you have had in these activities.
Values	What are your beliefs and attitudes toward yourself, other people, and the world?
Strengths	What are your best personal qualities? What attributes do you want your potential employer to know about you?
Areas of Improvement	What do you want to improve about yourself?
Goals	What do you want to accomplish in four to five years? Develop a plan for immediate and long-range goals.

## HOW TO USE THIS CAREER PLANNING BOOK

If your answers to "Know Yourself" indicate that you want to:

### ***Enter the work force immediately after graduation:***

- Select courses that give you specific information and skills for employment.
- Examine the OTC Career Center options that include certification and job placement opportunities.

### ***Enter the military:***

- Consider entering the AFJROTC Program at RHS
- Exposure to military life/training
- Monetary advantages should you join **any service** after leaving high school
- Scholarship opportunities for college
- Graduate from high school
- Select courses that prepare you for the **Military Occupational Specialty (MOS)** in which you are interested
- Examine the vocational school options, which are related to your MOS choice
- Contact local recruiters by telephone or talk with them when they visit our school:

Air Force: 823-4825

Air Force Reserve: 889-9782

Army: 865-6458

Marine Corp: 881-4044

Army National Guard: 678-4540

Army Reserve: 1-877-443-6216

Navy: 881-4252

### ***Enter technical school, community college, four-year college:***

- Observe the admission requirements and articulation requirements
- Select the courses required by the school(s) of your choice
- Maintain your record of activities, leadership roles, honors, achievements, and courses completed when applying to schools
- Explore high school educational options that help you develop your lifestyle plan and follow procedures for those you choose

## A+ SCHOOLS PROGRAM

Republic High School has been accredited by the Missouri Department of Elementary and Secondary Education as an A+ School site. The A+ Schools grant provided the opportunity and funding for Republic to make basic changes designed to guide students in a rigorous program of academic and technical education that will prepare them for the workplace, military, post-secondary vocational/technical training, or college. The A+ program will continue with the A+ concepts for all students K-12. A partnership plan has been developed which will offer the students the opportunity to be involved in job shadowing, apprenticeships, internships, as well as classroom activities. As part of the A+ program, the City of Republic and Republic Chamber of Commerce, in cooperation with the Republic School District, have formed a partnership to establish and promote a model A+ System.

The education of all students is important, regardless of their plans following high school. Some Republic High School graduates will choose to attend a four-year college or university; others may go directly into the work force or the military; and still others may seek additional training at a post-secondary vocational school or community college. These programs are designed to ensure that no matter which option is chosen, all high school students will be provided selections of courses, career counseling, technology and/or workplace skill development opportunities which are appropriate for them to be successful.

The three major goals of the A+ Schools Program are that

- All students will graduate from high school;
- All students complete a selection of high school studies that is challenging and for which there are identified learning expectations; and
- All students proceed from high school graduation to a college or post-secondary vocational or technical school or high-wage job with workplace skill development opportunities.

The A+ Schools Program encourages all students to focus on a career early and set a goal, which includes training beyond high school. The A+ Schools Program asks all students to select a career path, plan coursework for all four years of high school, and progress toward a goal of additional training at the post-secondary level or a high-wage job.

The A+ Schools financial incentive will be offered to students who:

- Stay in school
- Maintain at least a 95% attendance record (only missing up to 34 days over four years)
- Graduate with a 2.5 or higher grade point average
- Exhibit good citizenship
- Avoid the unlawful use of drugs and alcohol
- Perform 50 hours of school based unpaid tutoring
- Made a documented, good faith effort to secure all available federal postsecondary student financial assistance funds that do not require repayment (FAFSA)
- Register for selective service if male, age 18, before graduation

These students will be eligible for two years' tuition and general fees for any Missouri public community college or vocational/technical school. **This financial incentive is dependent upon continued funding from the state of Missouri and is not the responsibility of the Republic R-III School District.**

If you or your parents have any questions concerning the A+ Schools Program please feel free to contact the A+ Office or the high school counselors. A complete list of A+ Schools is located on pages 35 & 36.

## CHOOSING A CAREER PATHWAY

As a part of the A+ Schools program, each student, working with parents and the high school counselors, will develop a course of study centered around one of the six broad career pathways. The course of study may reflect a general area of interest such as health services, or it may concentrate on a specific occupational goal such as becoming a respiratory therapist or a registered nurse. The following activities will enable students to achieve a designated career path:

- Republic students have been involved in activities designed to expand awareness of a variety of careers.
- By the ninth grade, a student will be able to choose a career path by considering personal interests, personalities, and strengths. Then the student can develop a four-year plan by selecting the courses that are relevant to the variety of occupations in the career path chosen.
- The four-year plan will be reviewed each year and modified if needed.
- Activities to explore careers will continue throughout high school.

### *If Students Change Their Minds...*

A career path choice is not a permanent commitment. As students mature and have new experiences, they will learn new things about themselves and may want to change career paths. If a student decides on a new career path, it should be discussed with the counselor, so the student's four-year plan may be adjusted according to the new career direction.

## CAREER PATHWAYS & CAREER CLUSTERS

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Career paths are clusters of occupations/careers that are combined because many of the people in them share similar interests and strengths. It is important to note the variety of occupations in each pathway, which require different levels of education and training.

### **Arts & Communication**

Are you a creative thinker? Do you consider yourself to be imaginative and innovative? Do you like doing things that are original? This pathway prepares students for occupations related to the performing, visual, literary, and media arts.

### **Business, Management & Technology**

Do you like being a leader, organizing people, and planning activities? Do you like working with facts or numbers? Do you enjoy carrying through an idea and seeing the end product? This pathway prepares students for occupations related to business, management and administration, finance, information technology, marketing, sales and service.

### **Health Services**

Do you like helping people who are sick or helping people stay well? Are you interested in working in hospitals, clinics or treatment centers? Are you curious about new diseases and how the body works? This pathway prepares students for occupations related to the promotion of health and the treatment of disease.

### **Human Services**

Are you friendly, open and outgoing? Do others consider you understanding and cooperative? Is it important for you to try to make things better for other people? This pathway prepares students for occupations related to education and training, government and public administration, hospitality and tourism, human services, law, public safety and security.

### **Industrial & Engineering Technology**

Are you mechanically inclined? Do you like to use your hands and build things? Do you enjoy finding out how things work? Are you practical? This pathway prepares students for occupations related to architecture and construction, manufacturing, science, technology, engineering and mathematics, transportation, distribution and logistics.

### **Natural Resources Agriculture**

Do you like the outdoors? Are you curious about the physical world? Are you interested in plants and animals? Do you like to observe, investigate and solve problems? This pathway prepares students for occupations related to agriculture, food and natural resources.

## ARTS AND COMMUNICATION CAREER PATH

POSSIBLE OCCUPATIONS BY EDUCATIONAL REQUIREMENTS	SCHOOL-TO-CAREER/MILITARY	TECHNICAL OR VOCATIONAL SCHOOL/COMMUNITY COLLEGE	FOUR-YEAR COLLEGE OR UNIVERSITY
	No post-high school education (on-the-job training)	Two years or less post-high school education	More than two years post-high school education
	Audio-Visual Specialist Composer/Typesetter Engraver Floral Designer/Florist Model Motion Picture Projectionist Musician Professional Athlete Sign Painter/Letterer	Artist Broadcast Technician Commercial Artist Custom Tailor Dancer Designer Drafter Film Editor Graphic Artist Interior Decorator Jeweler/Silversmith Merchandise Displayer Photographer Producer/Director Radio/TV Announcer Writer	Actor Architect Artist Choreographer Communications Manager Composer Editor Interpreter/Translator Journalist Music Director Newscaster Public Relations Specialist Reporter/Correspondent
GRADE 9 SUGGESTED COURSE OF STUDY	English I Modern American History Algebra IA Unified Science Physical Education Fine Art Health	English I Modern American History Algebra I Unified Science Physical Education Fine Art Health	English I Modern American History Algebra I Biology I Physical Education Fine Art Health
GRADE 10 SUGGESTED COURSE OF STUDY	English II World History Algebra IB Applied Bio-Chemistry (ABC) Fine Art or Practical Art Related Electives	English II World History Geometry or Algebra II ABC or Biology I Fine Art or Practical Art Related Electives	English II World History Algebra II and/or Geometry Biology II and/or Chemistry I Fine Art or Practical Art Related Electives
GRADE 11 SUGGESTED COURSE OF STUDY	English III World Geography Fine Art Biology I Algebra II or Geometry Related Electives	English III World Geography Fine Art Foreign Language Math Elective Science Elective Related Electives	English III (H) Mod. World Affairs Fine Art Foreign Language Math Elective Science Elective Related Electives
GRADE 12 SUGGESTED COURSE OF STUDY	American Government English Elective Fine Art Personal Finance Related Electives	American Government English Elective Fine Art Personal Finance Related Electives	American Government English IV (H) Fine Art Foreign Language Math Elective Personal Finance Related Electives
RELATED ELECTIVES (refer to course descriptions and prerequisites for appropriate grade levels)	Advanced Chorus Art Appreciation Art I, II, III & IV Band Business Classes Calculus Ceramics Communication Arts	Competitive Speech Drawing Fashion Design Foreign Languages Housing and Interior Design Journalism Music Appreciation Oral Communications	OTC-Career Center Painting Photography Classes Printing Technology Publications Theater I & II Trigonometry

## BUSINESS, MANAGEMENT & TECHNOLOGY

	SCHOOL-TO-CAREER/MILITARY	TECHNICAL OR VOCATIONAL SCHOOL/COMMUNITY COLLEGE	FOUR-YEAR COLLEGE OR UNIVERSITY
	No post-high school education (on-the-job training)	Two years or less post-high school education	More than two years post-high school education
<b>POSSIBLE OCCUPATIONS BY EDUCATIONAL REQUIREMENTS</b>	Advertising Clerk Bank Teller Cashier Customer Service Rep. Insurance Adjust./Examiner Property/Real Estate Mgr. Receptionist Retail Sales Person Telemarketer Truck Driver	Administrative Manager Clerical Supervisor Computer Operator Computer Programmer Court Reporter Credit Manager Fashion Merchandiser Food Service Manager Legal Secretary Paralegal Assistant Safety and Corrections Mgr. Real Estate Appraiser Restaurant Manager Sales Manager Travel Agent	Accountant/Auditor Buyer/Purchaser Chief Executive Officer City Manager Computer Programmer Economist Educational Administrator General Manager Health Administrator Human Resource Manager Marketing/Advertising Medical Records Admin. Natural Resources Admin. Principal Stock Broker Title Examiner/Searcher Underwriter
<b>GRADE 9 SUGGESTED COURSE OF STUDY</b>	English I Algebra IA Integrated Math I Unified Science Keyboarding Related Business Electives Physical Education Health	English I Modern American History Algebra I Unified Science Keyboarding Related Business Electives Physical Education Health	English I Modern American History Algebra I Biology I Keyboarding Related Business Electives Physical Education Health
<b>GRADE 10 SUGGESTED COURSE OF STUDY</b>	English II World History Algebra IB Applied Bio-Chemistry (ABC) Fine Art Related Business Electives	English II World History Geometry or Algebra II ABC or Biology I Fine Art Related Business Electives	English II World History Algebra II and/or Geometry Biology II and/or Chemistry I Fine Art Related Business Electives
<b>GRADE 11 SUGGESTED COURSE OF STUDY</b>	English III World Geography Related Business Electives Biology I Algebra II or Geometry Personal Finance Related Electives	English III World Geography Math Elective Accounting I Foreign Language Science Elective Related Business Electives Personal Finance	English III (H) Mod. World Affairs Math Elective Science Elective Related Business Elective Foreign Language Personal Finance
<b>GRADE 12 SUGGESTED COURSE OF STUDY</b>	American Government English Elective Related Business Electives Personal Finance	American Government English Elective Personal Finance Related Business Electives	American Government English IV (H) Math Elective Science Elective Foreign Language Personal Finance Related Business Electives
<b>RELATED ELECTIVES</b> (refer to course descriptions and prerequisites for appropriate grade levels)	Accounting I & II Advanced Computer Applications I & II Agriculture Classes COE Computer Keyboarding	Desktop Publishing I & II Economics Entrep. /Small Business Mgt. Food Service & Tech. Microsoft Applications	Oral Communications OTC Career Center Personal Finance Psychology Sociology

## HEALTH SERVICES

	SCHOOL-TO-CAREER/MILITARY	TECHNICAL OR VOCATIONAL SCHOOL/COMMUNITY COLLEGE	FOUR-YEAR COLLEGE OR UNIVERSITY
	No post-high school education (on-the-job training)	Two years or less post-high school education	More than two years post-high school education
<b>POSSIBLE OCCUPATIONS BY EDUCATIONAL REQUIREMENTS</b>	Admitting Personnel Dietary Aide Home Health Aide Nursing Assistant Pharmacy Aide Physical Therapy Aide Technicians: Dental Laboratory Electrocardiograph Medical Records Pharmacy Unit Clerk	Bio-Med Equipment Tech. Dental Assistant Emergency Medical Tech. Geriatric Aide Home Health Care Aide Licensed Practical Nurse Medical Assistant Medical Secretary Medical Transcriber Respiratory Therapist Technician Surgical Technologist	Athletic Trainer Biologist Chiropractor Counselor: Chemical Dependency Licensed Professional School Guidance Dentist Hospital Administrator Nutritionist/Dietician Occupational Therapist Pharmacist Physical Therapist Physician/Surgeon Psychologist Registered Nurse Respiratory Therapist Speech-Language Therapist Veterinarian
<b>GRADE 9 SUGGESTED COURSE OF STUDY</b>	English I Modern American History Algebra IA Unified Science Physical Education Fine Art or Practical Art Health	English I Modern American History Algebra I Unified Science Physical Education Fine Art or Practical Art Health	English I Modern American History Algebra I Biology I Physical Education Fine Art or Practical Art Health
<b>GRADE 10 SUGGESTED COURSE OF STUDY</b>	English II World History Algebra IB Applied Bio-Chemistry (ABC) Fine Art or Practical Art Computer Class	English II World History Geometry or Algebra II ABC or Biology I Fine Art or Practical Art Computer Class	English II World History Algebra II and/or Geometry Biology II and/or Chemistry I Fine Art or Practical Art Computer Class
<b>GRADE 11 SUGGESTED COURSE OF STUDY</b>	English III World Geography Health Occupations Biology I Algebra II or Geometry Related Electives	English III World Geography Math Elective Health Occupations Science Elective Related Electives	English III (H) Mod. World Affairs Math Elective Health Occupations Science Elective Foreign Language Accounting Related Electives
<b>GRADE 12 SUGGESTED COURSE OF STUDY</b>	American Government English Elective Related Electives Personal Finance	American Government English Elective Grammar Comp. /Am. Lit. Related Electives Personal Finance	American Government English IV (H) Math Elective Science Elective Related Electives Personal Finance
<b>RELATED ELECTIVES</b> (refer to course descriptions and prerequisites for appropriate grade levels)	Agriculture Classes Anatomy Athletic Training Practicum Biology I & II Business Classes Chemistry I & II	Child Development Health Occupations Human Genetics Intro to Athletic Training/Sports Medicine Oral Communications	OTC Career Center Physics Psychology Relationship Skills Sociology

## HUMAN SERVICES

	SCHOOL-TO-CAREER/MILITARY	TECHNICAL OR VOCATIONAL SCHOOL/COMMUNITY COLLEGE	FOUR-YEAR COLLEGE OR UNIVERSITY
	No post-high school education (on-the-job training)	Two years or less post-high school education	More than two years post-high school education
<b>POSSIBLE OCCUPATIONS BY EDUCATIONAL REQUIREMENTS</b>	Baker Bus Driver Butcher Child Care Aide/Worker Cook Customer Service Clerk Fire Fighter Fire Fighter Supervisor Food Service Worker/Waiter Host/Hostess Janitor/Maid/Custodian Library Assistant Masseur/Masseuse Private Investigator Refuse Collector Security Guard Service Station Attendant Sports Officiator	Barber/Beautician Chef Correctional Officer Cosmetologist Court Recorder Fire Inspector Flight Attendant Funeral Director/Mortician Park Ranger Police/Detective Substance Abuse Counselor Teacher Aide Teacher Substitute Wedding Consultant	Administrator Archaeologist Attorney Clergy/Rabbi/Minister/Priest College/Univ. Faculty Member Counselor Dietician Economist Judge Librarian Parole and Probation Officer Politician Psychologist Social Worker Sociologist Teacher/Coach Urban and Regional Planner Vocational Rehab Counselor
<b>GRADE 9 SUGGESTED COURSE OF STUDY</b>	English I Modern American History Algebra IA Unified Science Physical Education Fine Art or Practical Art Health	English I Modern American History Algebra I Unified Science Physical Education Fine Art or Practical Art Health	English I Modern American History Algebra I Biology I Physical Education Fine Art or Practical Art Health
<b>GRADE 10 SUGGESTED COURSE OF STUDY</b>	English II World History Algebra IB Applied Bio-Chemistry (ABC) Fine Art or Practical Art Computer Classes	English II World History Geometry or Algebra II ABC or Biology I Fine Art or Practical Art Computer Classes	English II World History Algebra II and/or Geometry Biology II and/or Chemistry I Fine Art or Practical Art Computer Classes
<b>GRADE 11 SUGGESTED COURSE OF STUDY</b>	English III World Geography Psychology Biology I Algebra II or Geometry Related Electives	English III World Geography Psychology Foreign Language Math Elective Science Elective Related Electives	English III (H) Mod. World Affairs Science Elective Foreign Language Math Elective Accounting Related Electives
<b>GRADE 12 SUGGESTED COURSE OF STUDY</b>	American Government English Elective Personal Finance Related Electives	American Government English Elective Personal Finance Related Electives	American Government English IV (H) Foreign Language Math Elective Personal Finance Related Electives
<b>RELATED ELECTIVES</b> (refer to course descriptions and prerequisites for appropriate grade levels)	Agriculture Classes Athletic Training Practicum Business Classes Calculus Child Development Classes Competitive Speech	FACS Foods Classes Food Science & Technology French I & II Intro to Athletic Training/Sports Medicine Oral Communications	OTC Career Center Psychology Relationship Skills Sociology Spanish I & II Trigonometry

## INDUSTRIAL & ENGINEERING TECHNOLOGY

	SCHOOL-TO-CAREER/MILITARY	TECHNICAL OR VOCATIONAL SCHOOL/COMMUNITY COLLEGE	FOUR-YEAR COLLEGE OR UNIVERSITY
	No post-high school education (on-the-job training)	Two years or less post-high school education	More than two years post-high school education
<b>POSSIBLE OCCUPATIONS BY EDUCATIONAL REQUIREMENTS</b>	Airport Utility Worker Automobile Assembler Automotive Body Repairer Boilermaker/Operator Construction Worker Highway Maint. Worker Locksmith Locomotive/Rail Yard Eng. Machinist Mechanic Sheet Metal Worker Taxi Driver/Chauffeur Truck Driver TV Cable Installer Upholsterer Welder	Air Traffic Controller Aircraft Mechanic Aircraft Pilot Ambulance Driver/Attendant Construction Inspector CAD Drafter Electrician Heating/Air Cond. Repairer Photographic Processor Power Plant Operator Production Supervisor Surveyor Technicians Transportation Supervisor Water/Sewage Treatment	Air Traffic Controller Architect Chemist Computer Programmer Engineer: Aerospace Civil Electrical Mechanical
<b>GRADE 9 SUGGESTED COURSE OF STUDY</b>	English I Modern American History Algebra IA Unified Science Physical Education Fine Art or Practical Art Health	English I Modern American History Algebra I Unified Science Physical Education Fine Art or Practical Art Health	English I Modern American History Algebra I Unified Science Physical Education Fine Art or Practical Art Health
<b>GRADE 10 SUGGESTED COURSE OF STUDY</b>	English II World History Algebra IB Applied Bio-Chemistry (ABC) Fine Art or Practical Art Microsoft Applications Desktop Publishing and Electronic Presentations	English II World History Geometry or Algebra II ABC or Biology I Fine Art or Practical Art Microsoft Applications Desktop Publishing and Electronic Presentations	English II World History Algebra II and/or Geometry Chemistry I or Biology I Fine Art or Practical Art Microsoft Applications Desktop Publishing and Electronic Presentations
<b>GRADE 11 SUGGESTED COURSE OF STUDY</b>	English III World Geography Biology I Algebra II or Geometry Related Electives	English III World Geography Math Elective Science Elective Related Electives	English III (H) Mod. World Affairs Science Elective Math Elective Foreign Language Accounting Related Electives
<b>GRADE 12 SUGGESTED COURSE OF STUDY</b>	American Government English Elective Personal Finance Related Electives	American Government English Elective Personal Finance Related Electives	American Government English IV (H) Science Elective Physics Math Elective Personal Finance Related Electives
<b>RELATED ELECTIVES</b> (refer to course descriptions and prerequisites for appropriate grade levels)	Agriculture Classes Business Electives Chemistry I & II Industrial Arts Classes OTC Career Center Physics Technology Aide		

## NATURAL RESOURCES AGRICULTURE

	SCHOOL-TO-CAREER/MILITARY	TECHNICAL OR VOCATIONAL SCHOOL/COMMUNITY COLLEGE	FOUR-YEAR COLLEGE OR UNIVERSITY
	No post-high school education (on-the-job training)	Two years or less post-high school education	More than two years post-high school education
<b>POSSIBLE OCCUPATIONS BY EDUCATIONAL REQUIREMENTS</b>	Animal Caretaker Farm Machinery Operator Farm Manager Fish Hatchery Worker Forestry Worker Gardener/Grounds Keeper Horticulture Worker Landscape Gardener Livestock Worker Logger Nursery Worker/Manager Pest Control Worker Weather Observer	Agricultural Inspector Agricultural Supervisor Farm Operator/Manager Forest Fire Fighter Landscape Designer Sports Turf Management Surveyor Technologist Biochemistry Microbiology	Agricultural Engineer Agronomist Animal Scientist Astronomer Biochemist Botanist Chemist Fish and Game Warden Forester/Conservation Scientist Geneticist Geographer Horticulturist Landscape Artist Marine Biologist Meteorologist Oceanographer Soil Conservationist Toxicologist Zoologist
<b>GRADE 9 SUGGESTED COURSE OF STUDY</b>	English I Modern American History Algebra IA Unified Science Physical Education Agricultural Elective Health	English I Modern American History Algebra I Unified Science Physical Education Agricultural Elective Health	English I Modern American History Algebra I Biology I Physical Education Agricultural Elective Health
<b>GRADE 10 SUGGESTED COURSE OF STUDY</b>	English II World History Algebra IB Applied Bio-Chemistry (ABC) Fine Art Agricultural Elective Computer Class	English II World History Geometry or Algebra II ABC or Biology I Agricultural Elective Computer Class	English II World History Algebra II and/or Geometry Biology II and/or Chemistry I Earth Science Agricultural Elective Computer Class
<b>GRADE 11 SUGGESTED COURSE OF STUDY</b>	English III World Geography Algebra II or Geometry Biology I Related Electives	English III World Geography Math Elective Science Elective Related Electives	English III (H) Mod. World Affairs Science Elective Math Elective Foreign Language Fine Art Related Electives
<b>GRADE 12 SUGGESTED COURSE OF STUDY</b>	American Government English Elective Personal Finance Related Electives	American Government English Elective Personal Finance Related Electives	American Government English IV (H) Biology II or Chemistry II Calculus Personal Finance Related Electives
<b>RELATED ELECTIVES</b> (refer to course descriptions and prerequisites for appropriate grade levels)	Agricultural Science I & II Agriculture Construction Biology I & II Chemistry I & II Conservation & Wildlife	Environmental Science Food Service & Technology Greenhouse Management Nursery & Landscaping OTC Career Center	

# CAREER PATH PLANNING

Name: \_\_\_\_\_ Grade: \_\_\_\_\_

Career Path Choice: \_\_\_\_\_

Have you signed an A+ financial incentive contract?      Yes      No

## Plan your four-year schedule:

### 9<sup>th</sup> Grade Courses:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

### 10<sup>th</sup> Grade Courses:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

### 11<sup>th</sup> Grade Courses:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

### 12<sup>th</sup> Grade Courses:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

### Plans after High School:

\_\_\_\_\_ Work full time  
\_\_\_\_\_ Enter Military

\_\_\_\_\_ Attend two-year College or  
Area Career Center  
\_\_\_\_\_ Attend four-year college

## REQUIREMENTS FOR GRADUATION

In order to participate in graduation ceremonies, a senior must have completed all graduation requirements. All correspondence courses are to be completed two weeks prior to graduation ceremony.

Complete twenty-six units of credit during Grades 9 through 12 and complete the minimum in the following required subjects.

English Communications .....	4 units
Social Studies .....	3 units
Math.....	3 units
Science .....	3 units
Fine Arts .....	1 unit
Health .....	½ unit
Practical Arts.....	1 unit
Personal Finance.....	½ unit
Physical Education .....	1 unit
Electives .....	9 units

All classes are one unit of credit per class for one year, or one-half unit per semester. COE, AOE and OTC Career Center classes receive additional credit.

### **SPECIFIC REQUIREMENTS**

Students are required to complete the following courses prior to graduation.

#### **Communication Arts:**

English I (Grade 9).....	1 unit
English II (Grade 10).....	1 unit
English III or English III (H).....	1 unit

#### **Social Studies:**

Modern American History (Grade 9).....	1 unit
Modern World History (Grade 10).....	1 unit
Modern World Geography or Modern World Affairs (Grade 11).....	½ unit
American Government (Grade 12) or AP American Government (Grade 12).....	½ unit

#### **Math:**

Algebra I (Could be Algebra IA <u>and</u> Algebra IB).....	1 unit
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#### **Science:**

Biology I.....	1 unit
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#### **Business:**

Personal Finance (Grades 11/12).....	½ unit
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#### **Physical Education:**

PE or JROTC.....	1 unit
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#### **Health:**

Health or Active Fitness & Nutrition .....	½ unit
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#### **Class Load**

All freshman, sophomores, and juniors must enroll in seven units of credits each year. Seniors should take necessary classes to ensure graduation requirements are met.

#### **Class Rank/GPA**

Class rank is determined on the first seven semesters' GPA for graduation activities. Students earning a weighted GPA of 4.0 and above will be designated as graduating Summa Cum Laude; 3.75 to 3.99 will be designated as Magna Cum Laude; 3.5 to 3.74 will be designated as Cum Laude.

### **Repeating Classes**

There are a few classes that can be repeated for credit, such as COE, JROTC, JAG, Desktop II, Journalism, Newspaper, Competitive Oral Interpretation, Competitive Debate and Forensics, Weights, Aerospace Science II, Band, Choir and Advanced Theatre.

### **Transfer of Honors Credit**

Students transferring to Republic High School from another school will be granted honors/college prep or weighted credit for any honors class taken at the previous school that is determined equivalent to an honors/college prep class offered at Republic High School. Any transfer student who has received honors credit for a class not offered as an honors or weighted class at Republic High School will receive credit as a regular class not as an honors or weighted class.

### **Transfer of Summer School Credit**

Any student who enrolls in summer school will have that grade credited to his/her permanent record if the student completes the requirements for receiving a grade.

## **MINIMUM COLLEGE ADMISSION REQUIREMENTS**

The Missouri Coordinating Board of Higher Education has approved the following minimum recommended 24-unit core curriculum requirements for admission to all Missouri public four-year colleges and universities.

<b>COMMUNICATION ARTS</b>	4 units, one of which may be speech or debate, and 2 units emphasizing composition or writing skills. (Not including Publications)
<b>MATHEMATICS</b>	3 units (high school level) Algebra I and beyond; (i.e., Algebra II, Geometry, Trigonometry, Calculus)
<b>SOCIAL STUDIES</b>	3 units
<b>SCIENCE</b>	3 units, one of which must be a laboratory science
<b>VISUAL/PERFORMING ARTS</b>	1 unit (fine arts courses in visual arts, music, dance, and theatre)
<b>ELECTIVE</b>	3 units selected from the above categories and/or a foreign language (two years of a foreign language are strongly recommended)

Keep in mind these are the minimum requirements for admission to public four-year Missouri colleges. ***It is important to check the requirements of each college to determine if its requirements exceed those shown above.*** The schools in the University of Missouri System require one additional math credit and two years of the same foreign language.

The counseling office has information on all Missouri two-year and four-year colleges and universities, out-of-state colleges, applications and financial aid information, and ACT/SAT admission test registration materials. College admission representatives schedule meetings at Republic High School throughout the school year.

***\*According to Missouri State High School Activity Association guidelines, all students participating in MSHSAA activities must be currently enrolled in 3.0 units of credit and have passed 3.0 units of credit the previous semester.***

# NCAA FRESHMAN-ELIGIBILITY STANDARDS QUICK REFERENCE SHEET

## KNOW THE RULES:

### Core Courses

- **NCAA Division I requires 16 core courses as of August 1, 2008.** This rule applies to any student first entering any Division I college or university on or after August 1, 2008. See the chart below for the breakdown of this 16 core-course requirement.
- **NCAA Division II requires 14 core courses.** See the breakdown of core-course requirements below. Please note, Division II will require 16 core courses beginning August 1, 2013.

### Test Scores

- **Division I** has a sliding scale for test score and grade-point average. The sliding scale for those requirements is shown on page two of this sheet.
- **Division II** has a minimum SAT score requirement of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the four sections on the ACT: English, mathematics, reading and science.
- **All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.**

### Grade-Point Average

- Only core courses are used in the calculation of the grade-point average.
- **Be sure** to look at your high school's list of NCAA-approved core courses on the Eligibility Center's Web site to make certain that courses being taken have been approved as core courses. The Web site is [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net).
- **Division I** grade-point-average requirements are listed online @ [www.ncaa.org](http://www.ncaa.org).
- **The Division II** grade-point-average requirement is a minimum of 2.000.

#### **DIVISION I 16 Core-Course Rule**

##### **16 Core Courses:**

4 years of English.  
3 years of mathematics (Algebra I or higher).  
2 years of natural/physical science (1 year of lab if offered by high school).  
1 year of additional English, mathematics or natural/physical science.  
2 years of social science.  
4 years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy).

#### **DIVISION II 14 Core-Course Rule**

##### **14 Core Courses:**

3 years of English.  
2 years of mathematics (Algebra I or higher).  
2 years of natural/physical science (1 year of lab if offered by high school).  
2 years of additional English, mathematics or natural/physical science.  
2 years of social science.  
3 years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy).

**PLEASE NOTE:** Beginning August 1, 2013, students planning to attend an NCAA Division II institution will be required to complete 16 core courses.

### **ACADEMIC LETTER**

Sophomores, juniors and seniors completing at least six classes or 3 credits and earning a cumulative 3.5 grade point average on a 4.0-scale **Or** acquiring a 3.5 GPA both the previous spring semester and the current fall semester will receive an academic letter. In succeeding years, qualifying students will receive bars to be placed on the letter. Remedial classes will not be considered for the academic letter. An academic reception will be held in honor of the recipients.

### **DUAL ENROLLMENT/CREDIT**

Junior and senior students in Republic High School who have the possibility of completing their graduation requirements with less than full utilization of the senior year may, with consent of parents and the advice of the school counselors and administration, seek dual enrollment in one of the local Colleges or University. Students must have a GPA of 3.0 or better or permission from their counselor.

Students may also choose to enroll in designated high school classes and receive college credit through a dual credit program offered in conjunction with area colleges.

### **EDUCATIONAL OPPORTUNITIES**

Students who are interested in pursuing a college preparatory curriculum may be eligible for special awards, diplomas, or certificates. Following are two examples of these special certificates:

## **COLLEGE PREPARATORY STUDIES CERTIFICATE**

This certificate is presented by the Missouri State Department of Education to any qualified student. Student's who earn The "College Preparatory Studies Certificate" and are eligible for Pell Grants, will receive an additional Academic Competitiveness Grant. This is a voluntary incentive award designed to encourage students to pursue a rigorous course of studies in high school. Qualifications for this certificate are as follows:

1. Twenty-four units of credit
2. Four units of English and Math
3. Three units of Social Studies and Science
4. One unit of Fine Arts, Practical Arts, and Physical Education
5. Earn at least a 3.0 GPA on a 4.0 scale in the combined subject areas of English, Math, Social Studies, and Science
6. Score above the national average on a college entrance exam (ACT or SAT)
7. Specified Core Electives: At least three units selected from foreign language, (two units of one foreign language are strongly recommended) and/or combinations from two or more of the following course areas: English, Math, Social Studies, Science and Fine Arts
8. General Electives: At least six units sufficient to meet state and local requirements

## **HONORS DIPLOMA**

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In order to receive an Honors Diploma, students must successfully complete the following components:

- Good Citizenship including no use of drugs or serious violations of school rules
- Cumulative Attendance of 95%
- Cumulative G.P.A. of 3.5
- 8 honors credits
- ACT score of 22 or above (criteria for College Preparatory Studies Certificate)
- Meet subject criteria for College Preparatory Studies Certificate (chart below)

### **College Preparatory Studies Certificate Requirements**

<b>Subjects Required</b>	<b>Credits Required</b>
Communication Arts	4
Mathematics	4
Science	3
Social Studies	3
Fine Arts	1
Practical Arts	1
Personal Finance	.5
Health	.5
Physical Education	1
Electives	8
Minimum Units	26

### **HONOR ROLL**

Full-time students enrolled in at least six classes who maintained a 3.67 GPA for the semester will make the "A" Honor Roll. Full-time students enrolled in at least six classes who maintained a 3.00 to 3.66 GPA for the semester will make the "B" Honor Roll.

## ARTICULATION CREDIT

### ***FAMILY AND CONSUMER SCIENCE***

Through an articulation agreement with Ozarks Technical Community College, students may earn from 3 hours of college credit from OTC for classes completed in the Family and Consumer Science (FACS) Department at Republic High School with no additional cost to the student. To earn these credits, students must have satisfactorily completed (with a grade point of 3.0 or higher) the course/competencies to be articulated and be recommended as being competent in the articulated course by the high school instructor. Students must enroll at Ozarks Technical Community College within two years of graduation to receive this articulated credit or in some instances as long as three years which would be at the discretion of the Vice-President for Academic Affairs at OTC. To obtain more information, contact a high school counselor or one of the FACS instructors.

## SCHEDULE CHANGES

Since the number of courses and sections are primarily based on student request, and students are permitted to select an alternative course if a conflict occurs or a class closes, the need for a schedule change should be eliminated. Therefore, once an official schedule has been made, a student may change his/her schedule only under the following conditions:

1. All student-initiated schedule changes will be handled in August. Specific dates for handling schedule changes will be published prior to August of any given year.
2. Valid reasons for schedule changes are as follows:
  - a. Conflicts appearing on computer schedules.
  - b. Changes needed to satisfy graduation requirements on time.
  - c. Failure of a prerequisite course.
  - d. Changes required for the health of student. (Doctor's recommendation necessary.)
  - e. Successful completion of the course in summer school.
  - f. Inappropriate placement as determined by teacher/counselor consultation.
3. Parents may appeal a denial for schedule change to the school administration. The decision of the school administration will be final.
4. **After the August change period, no student-initiated changes will be made.**
5. Administrative changes to balance classes or correct student misplacement will be made as soon as possible.

# COURSE DESCRIPTIONS

## COMMUNICATION ARTS

**ENGLISH I – (1 unit, Gr. 9)** English I builds on reading, writing, and grammatical skills. The literature includes Greek mythology, short stories, plays, poetry, and novels. Varied writing experiences improve sentence structure and paragraph construction as well as the overall ability to communicate in writing. Basic grammar skills, including mechanics, are covered. Vocabulary skills are also stressed.

**ENGLISH II – (1 unit, Gr. 10)** English II is primarily a world literature course with emphasis on the growth and development of all genres. The students continue to review basic grammar skills and learn to expand their writing abilities.

### **ENGLISH III – (1 unit, Gr. 11)**

This course reinforces basic grammar and mechanic skills through the practice of writing in multiple genres. Research skills are reviewed, and a short research paper is required. Students will read and write about a variety of literature concerning the shifting American identity.

Prerequisite: Passing grade in English II

### **English III (H)—(1 unit, gr. 11-12)**

This course will focus on grammar usage, mechanics, sentence skills, and style through the composition of a variety of essays. Students will engage in an intensive study of American literature from a historical perspective and practice response, research, and discussion skills. This course is strongly recommended for the college-bound student.

Prerequisite: A minimum “B” and recommendation from English II teacher

### **ENGLISH IV – (1 unit, gr. 12)**

This course is designed to provide experiences that prepare students for the workplace or technical training. British and world literature will be used as the basis to illustrate personal skills needed to succeed in the working world. Prerequisite: English I, II, III (or an equivalent to English III)

**ENGLISH IV (H) – (1 unit, Gr. 12)** Students compare and evaluate significant writers and their works by exploring recurring themes and ideas. Writing inspired by the literature studies of personal experience, will be an important part of the course. It is designed as an introduction to college level writing with emphasis upon the process of thinking, composing, revising, editing and proofreading. Topics include basic research writing and documentation techniques. **Prerequisite:** A minimum “C” in Advanced Grammar and Composition and American Literature.

**CREATIVE WRITING – (1/2 unit, Gr. 11-12)** Creative writing is a course designed to develop the student’s writing skills and style. Studies will focus on literary devices and the writing styles of various professional writers. Student-writers will be encouraged to explore their imagination and to convey their thoughts effectively in writing.

**WORD STUDY – (1/2 unit, Gr. 11-12)** This course is a study of Latin and Greek roots, prefixes, and suffixes. The student uses this knowledge to increase his/her reading and speaking vocabulary. There is emphasis upon spelling, etymology, definition, and usage of words in exemplary sentences. This course is primarily for the college-bound student.

**NEWSPAPER – (1 unit, Gr. 10-12)** Newspaper is a two-semester course for students who are interested in the history and basic principles of journalism as well as newspaper production. Students learn all aspects of production including interviewing, reporting, writing, page designing, teamwork, photography, desktop publishing and selling and creating ads.

**Prerequisite:** Students must apply for class.

**YEARBOOK – (1 unit, Gr. 10-12)** Yearbook is a two-semester course for students who are interested in an advanced journalistic principles and producing a digital publication, the yearbook. Students plan a theme and produce and edit articles, photographs, ads, and page design using Adobe In Design, Photoshop, and Jostens Yeartech software.

**Prerequisite:** Students enrolling in Publications should plan to attend additional summer training. Students must apply for this class.

**ORAL COMMUNICATIONS – (1/2 unit, Gr. 9-12)** Oral Communications class is a one-semester program of speech training for all students with its major function being the development of indispensable habits and techniques of speaking formally. This class shall consist of an introduction to communication, small group communication and interpersonal communication, as well as public speaking. Students will be required to give speeches of the following types; informative, persuasive, impromptu and inspirational; as well as learning argumentation and panel discussion techniques.

**COMPETITIVE ORAL INTERPRETATION – (1 unit, Gr. 9-12)** Competitive Oral Interpretation is a year long, co-curricular, competitive class providing students the opportunity to critically analyze literature, learn advanced acting techniques, learn directing techniques, and perform in a competitive setting. Students will learn and participate in dramatic, humorous, duo, duet acting, prose, poetry, storytelling, and reader’s theatre events and compete at tournaments around the state. Participating students will have the opportunity to earn

membership into the National Forensic League Honor Society. Students will be required to attend practices after school, and they will be required to attend a minimum of three tournaments hosted on Fridays and Saturdays.

**Prerequisite:** A minimum “C” in prior English course.

**COMPETITIVE DEBATE AND FORENSICS (H) – (1 unit, Gr. 9-12)** Competitive Debate and Forensics is a year-long, co-curricular, competitive class providing students with the opportunity to apply and enhance critical thinking, argumentation, writing, and public speaking skills in a competitive setting. Students will learn and participate in policy debate, public forum debate, Lincoln-Douglas debate, original oratory, and extemporaneous speaking. Participating students will have the opportunity to earn membership into the National Forensics League Honor Society. Students will be required to attend practices after school, and they will be required to attend a minimum of three tournaments hosted on Fridays and Saturdays.

**Prerequisite:** A minimum “C” in prior English course.

**READING – (1 unit, Gr. 9-10)**

Reading includes activities which bring about an improvement in reading skills for students reading below grade level. Emphasis is placed on the mechanics of reading and comprehension. Time will also be spent on reading to obtain information and reading for enjoyment.

**Prerequisite:** Standardized testing and teacher recommendation.

## FOREIGN LANGUAGE

**SPANISH I – (1 unit, Gr. 9-12)** This course is designed to enable the student to understand, speak, read and write elementary Spanish. A study of the history and culture of Spanish-speaking countries, including typical songs and legends, is a part of the course. There is an emphasis on conversation and the development of a practical Spanish vocabulary. Basic grammatical concepts are developed. Tapes and videos are used as supplements.

**SPANISH II (H) – (1 unit, Gr. 10-12)** This course is designed to expand on the student’s ability to understand, speak, read, and write Spanish. In addition to developing a larger vocabulary and more sophisticated grammatical concepts, students develop a broader knowledge of the variety of cultures in the Spanish-speaking world. Video and audio-tapes are used as supplements.

**Prerequisite:** Successful completion of Spanish I.

**SPANISH III (H) – (1 unit, Gr. 11-12)** In this course, students refine their use of Spanish grammar and expand their vocabulary as they read, speak, write, and understand Spanish. Students will add to their knowledge of Hispanic culture as they read articles and poems by Hispanic writers and as they participate in cultural presentations and crafts.

**Prerequisite:** Successful completion of Spanish II.

**SPANISH IV (H) – (1 unit, Gr. 12)** The primary focus of this course is on reading and writing independently. Students expand their appreciation and knowledge of Hispanic literature and culture through their reading of legends and stories of heroes. Grammar study consists mainly of a review and refinement of concepts.

**FRENCH I – (1 unit, Gr. 9-12)** This course is designed to enable the student to understand, speak, read, and write elementary French. A study of the history and culture of French-speaking countries, including typical songs, legends, customs, and traditions, is a part of this course. There is an emphasis on conversation and the development of a practical French vocabulary. Basic grammatical concepts are developed. Movies, filmstrips, and tapes are used as supplements.

**FRENCH II (H) – (1 unit, Gr. 10-12)** This course is an expansion of first-year French, stressing speaking, reading, and writing skills. In addition to developing a broader vocabulary and more sophisticated grammatical concepts, students develop a broader knowledge of the history and civilization of French speaking countries.

**Prerequisite:** Successful completion of French I.

**FRENCH III (H) – (1 unit, Gr. 11-12)** This course is a continuation of French II expanding on grammar and vocabulary concepts already learned. In addition, students will acquire the ability to understand, write, and speak in the future and past tenses. They will also have in depth exposure to the Francophone world through the language and literature. Students will also gain insight to French history through art, music, poems, and film.

**Prerequisite:** Successful completion of French II.

**FRENCH IV (H) – (1 unit, Gr. 11-12)** This course is designed to prepare students for French on the college level. Students will broadly expand their vocabulary and grammar and will also read, write, and speak independently. They will accomplish this through the presentation of projects and the use of correct magazine and news articles, televised news reports, etc. so that students can expand their knowledge and ability to converse past the level of “textbook” French. Students will also continue their study of the Francophone world through various year-long projects.

**Prerequisite:** Successful completion of French III.

## MATHEMATICS

**ALGEBRA IA – (1 unit, Gr. 9)** Algebra is the foundation for all higher mathematics courses. This course includes material that focuses on variables and their use in formulas and equations, ratio and proportions, linear equations and their graphs, and solving and graphing inequalities.

**ALGEBRA IB – (1 unit, Gr. 10)** Algebra is the foundation for all higher mathematics courses. This course includes operations with polynomials, variation

equations, rational and irrational numbers, solving quadratic equations, and solving systems of equations and inequalities.

**Prerequisite:** Successful completion of Algebra IA.

**ALGEBRA I – (1 unit, Gr. 9)** Algebra I is the foundation for all higher mathematics courses. Theory as well as real world application will be investigated. The overall course includes material that focuses on: variables and their use in formulas and equations, operations with polynomials, ratio and proportions, inverse and direct variation, linear equations and their graphs, solving and graphing inequalities, rational and irrational numbers, solving quadratic equations through factoring and the quadratic formula, and solving systems of equations and inequalities. All students who intend to pursue a four-year, liberal arts college education should take this course.

**Prerequisite:** A “C- average” in Pre-Algebra.

**GEOMETRY – (1 unit, Gr. 9-12)** Geometry is the study of size, shape, and various properties of objects around us. The course also provides a logical, theoretical mathematical system in which a few concepts are accepted and then used to prove a whole series of theorems using deductive reasoning. The overall course includes material that focuses on: properties of parallel lines, properties of congruent triangles, right triangles including an introduction to trigonometry, properties of circles, areas and volumes of geometric figures, coordinate geometry and construction of geometric figures and designs with compass and straightedge and with the computer.

**Prerequisite:** Successful completion of Algebra I.

**ALGEBRA II (H) – (1 unit, Gr. 9-12)** Algebra II builds on the concepts introduced in Algebra I. More advanced topics will be introduced to help the student investigate, interpret, and make decisions. This is a full year honors course and is strongly recommended for college-bound students. The overall course includes material that focuses on: determining the properties and graphing the equations of lines and conics, solving quadratic equations, simplifying and factoring polynomials, simplifying and solving problems involving radicals, applying inverse and direct variation to solve problems, and applying basic statistics and probability to real life situations.

**Prerequisite:** A “C average” or higher in Algebra I or instructor’s permission.

**TRIGONOMETRY (H) – (1 unit, GR. 11-12)** Trigonometry is designed to link concepts learned in Algebra II and Geometry, build on those concepts, and take the student into the study of trigonometry. This course is an upper level mathematics course and is intended for students planning to pursue the study of mathematics, science, or engineering. All students choosing to pursue a four-year liberal arts college education with emphasis on mathematics should take this course. Trigonometry may be taken as dual

enrollment in collaboration with a local college. The overall course includes material that focuses on: functions, graphs, inverses, right and oblique triangles, sinusoids, complex numbers, vectors, transformations, series, and spherical trigonometry.

**Prerequisite:** A “C average” in Algebra II or instructor’s permission. Geometry is strongly recommended. This course is open to juniors and seniors only.

**COLLEGE ALGEBRA (H) – (1 unit, Gr. 11-12)** College Algebra builds on the concepts introduced in Algebra II. More advanced topics will be introduced to help the student investigate, interpret, and make decisions. This is a full year honors course and is strongly recommended for college-bound students **not** pursuing a mathematics related degree. The overall course includes material that focuses on: foundations and fundamentals, solving equations and inequalities, relations and their graphs, functions and their graphs, polynomial and rational functions, exponential and logarithmic functions, systems of equations and inequalities, and integer functions and probability. College Algebra may be taken as dual enrollment in collaboration with a local college.

**Prerequisite:** A “C average” in Algebra II or instructor’s permission. Students wishing to take College Algebra during the sophomore year must first complete Geometry and Algebra II with at least a B average, **and score at least a 22 on the mathematics portion of the ACT.**

**CALCULUS (H) – (1 unit, Gr. 12)** Calculus is a full-year course open to seniors. This course makes extensive use of algebra, geometry, and trigonometry and introduces the theory of limit. Knowledge of these ideas makes it possible to develop the concept of the derivative and the integral. These ideals have many applications in mathematics, physics, engineering, business, and biology.

**Prerequisite:** A “C average” in Trigonometry.

**NUMBERS – (1 unit, Gr. 9-12) \*Counts as an elective credit only.** A Class designed for reinforcement of basic math skills that fosters self confidence in mathematics and provides hands on activities to make the abstract concrete.

**Prerequisite:** Teacher/Counselor referral only.

## SCIENCE

**UNIFIED SCIENCE – (1 unit, Gr. 9)** This is predominately a freshman level course designed to incorporate topics that correlate the various scientific disciplines in physical science and chemistry. Students will acquire basic scientific skills and attitudes useful in problem solving, which will be an emphasis in this course. Students will also become acquainted with careers and challenges in scientific careers related to physical science and chemistry.

**APPLIED BIO-CHEMISTRY (ABC) – (1 unit, Gr. 10)**

Applied Biology and Chemistry focuses on the science facts and concepts students need in order to understand the dynamic living world around them. Students acquire a basic understanding of the nature of life. Laboratory and team work are a large part of the course and are intended to reinforce the connection between course content and real-life situations.

**ENVIRONMENTAL SCIENCE – (1 unit, Gr. 10-12)**

This course focuses on the science facts and concepts students need in order to understand the dynamic living world around them. Students acquire a basic understanding of the nature of life and learn how their actions can affect the environment. They investigate and learn how living things change. Laboratory and teamwork are a large part of the course and are intended to reinforce the connection between course content and real-life situations.

**BIOLOGY I – (1 unit, Gr. 9-12)**

This is a general course designed to examine aspects of the living world. An effort will be made to survey as much material as possible due to the fact that this is an introductory biology course for all higher-level, college preparatory biology courses. Students will be exposed to a wide range of topics from beginning cell biology/biochemistry and genetics, to taxonomy and ecology. Lab time will be spent in using the microscope and in the dissection of animals such as the: earthworm, starfish, clam, grasshopper, crayfish, fish and frog.

**Prerequisite:** A “C average” in Unified Science. (9<sup>th</sup> graders wishing to take Biology I need to have 8<sup>th</sup> grade science instructor's recommendation.)

**BIOLOGY II (H) – (1 unit, Gr. 10-12)**

In addition to a brief review of basic biological principles, this course will build upon the knowledge and skills obtained in Biology I. Emphasis will be given to metabolic processes of organisms and their biochemistry. An in-depth examination of human structure and function will be a major course component that will culminate in a detailed dissection of the fetal pig. Lab experiences will support and enhance most units. This class should be considered only by those students who have a genuine interest in pursuing science in a post-high school setting.

**Complete, written** assignments are a requirement of this course. The instructor will expect the student to be self-motivated and to demonstrate a high level of personal responsibility.

**CHEMISTRY I – (1 unit, Gr. 10-12)**

This course introduces the student to general principles of chemistry. Students will learn about the driving forces behind chemical reactions and will apply their knowledge in selected laboratory activities. Any student interested in pursuing a science-oriented career should take Chemistry I.

**Prerequisite:** A “C average” in Algebra I.

**CHEMISTRY II (H) – (1 unit, Gr. 11-12)** This course is a continuation of Chemistry I and covers more advanced principles of general chemistry including but not limited to reaction kinetics, acid-base chemistry, electrochemistry and an introduction to organic chemistry. Students will apply their knowledge in selected laboratory activities. Students interested in pursuing any science-oriented career should take Chemistry II.

**Prerequisite:** A “C average” in Chemistry I.

**PHYSICS (H) – (1 unit, Gr. 11-12)**

In this course, the student will be introduced to a broad base of the fundamental concepts in physics. By applying basic scientific principles, the students will develop a systematic understanding of phenomena, which occur in the physical world. The areas, which will be investigated, are dynamics, mechanics, thermal dynamics, wave motion, and optics.

**Prerequisite:** A “C average” in Algebra II.

**ANATOMY (H) – (1/2 unit, Gr. 12)**

This class will involve an in-depth review of the human body, that is, its systemic anatomy. The course will examine both the microscopic and gross anatomy of the human body. Material will be presented in a lecture-lab format including a major dissection of the cat. Difficulty level will be the same as that of an introductory level college anatomy course.

**Prerequisite:** A “C average” in Biology II.

**HUMAN GENETICS (H) – (1/2 unit, Gr. 12)**

Human Genetics is a course designed to explore the implications of genetics in our everyday lives. From the study of DNA structure to genetic engineering, students will investigate the important role that genetics plays in our understanding of forensics, inherited conditions such as birth defects, cancer and immunity. The course will explore genetic probability and the current issues of gene therapy. In addition, some time will be spent looking at the new controversial reproductive technologies as well as the implications of the Human Genome Project and stem cell research.

**Prerequisite:** A “C average” in Biology II.

## SOCIAL STUDIES

**MODERN AMERICAN HISTORY – (1 unit, Gr. 9)**

Modern American History is a broad survey of the major political, economic, and social developments in the United States from 1900 to the present.

**MODERN WORLD HISTORY – (1 unit, Gr. 10)**

This class is centered around the political, social, and economic developments on a world scale with emphasis being placed on western civilization. It is a chronological study of events starting at the end of the Middle Ages and continuing through the twentieth century. The topics covered in this class will be directly related to today's world, and emphasis will be placed on cause and effect relationships.

**MODERN WORLD GEOGRAPHY – (1/2 unit, Gr. 11)**

This class centers around major political economics, and social developments of geography. The class will develop the relationships between the different cultural areas in the world today. \*This course is required of all 11<sup>th</sup> graders. Students may, however, choose to take Modern World Affairs as an alternative to Modern World Geography.

**MODERN WORLD AFFAIRS (H) – (1/2 unit, Gr. 11)**

This class centers around historical events of the 20<sup>th</sup> century that impact the United States and its relations with other cultural areas. Current events, cultural beliefs, international politics, geographic interests, historical developments, and the inter-workings of current trends will be included in this study as they relate to U.S. foreign policy decision making. This class will help students adjust to college class work. \*This class is a required class for 11<sup>th</sup> graders but may be substituted with Modern World Geography.

**AMERICAN GOVERNMENT – (1/2 unit, Gr. 12)**

This course is designed to provide the student with a general understanding of how and why our government was formed, how modern government operates, and a study of our constitution. This class is required of all students to graduate. ***All students must take and pass the United States Constitution exam.***

**AP AMERICAN GOVERNMENT AND POLITICS (H) – (1/2 unit, Gr. 12)**

Advanced Placement American Government and Politics is an Honors class designed as an equivalent to a college level class in American Government. Students will study the constitutional foundations of government, rights and liberties of citizens, structure of government, the American political system and public policy. Students who satisfactorily complete this course should be able to complete the AP test in American Government given by The College Board at the end of the school year. The use of Power Point presentation software and an accompanying web site enhances the learning capability of every student. ***All students must take and pass the United States Constitution exam.***

**ANCIENT/MEDIEVAL HISTORY (H) – (1/2 unit, Gr. 11-12)**

Ancient/Medieval History is an intensive survey of the beginnings of western civilization up to the Renaissance period. The course is designed as a college preparatory course and may be taken for college credit from OTC as a dual credit course. The requirements include extensive reading, writing, and analysis of the Riverine, Greco-Roman, and Medieval civilizations.

**INTRODUCTION TO ECONOMICS (H) – (1/2 unit, Gr. 11-12)**

Introduction to Economics is a class centered around modern economic trends found in the United States, economic concepts and how they are influenced by the government. The class will cover these modern trends and ideas from the standpoint of hands-on

lessons and comprehensive unit/semester projects. Students will directly participate in each lesson which lasts from one to several days. This class will help students adjust to college class work and successfully adjust to the U.S. economic system.

**PSYCHOLOGY – (1/2 unit, Gr. 11-12)**

Psychology has been tailored to meet the needs, interests, and abilities of young people. There are three purposes of this course: (1) To examine how psychologists work, (2) to present some of the facts and principles about human behavior that have been discovered (3) to help students to apply these facts and principles to improve their understanding of human behavior and of themselves.

**SOCIOLOGY – (1/2 unit, Gr. 11-12)**

Sociology is a survey in the study of human relationships and culture. It involves a study of deviance, stratification, roles and relationships and socialization.

**THE AMERICAN WEST – (1/2 unit, Gr. 11-12)**

The American West is an elective history course designed to acquaint the student with the opening of the frontier in the 19<sup>th</sup> century. The Hollywood portrayal of such events as the era of the mountain man, the defense of the Alamo, the gunfight at the O.K. Corral, the rise and fall of the outlaw gangs and Custer's massacre at the Little Big Horn will help students learn how to separate myth from reality in the old west. The use of Power Point presentation software and an accompanying web site enhances the learning capability of every student.

**THE OZARKS – (1/2 unit, Gr. 11-12)**

Ozark's History is a general level history course designed to acquaint the student with the unique region in which they live. Students will study the geography of the Ozarks as well as trace the historical development of the area beginning with the original Native American inhabitants. Of particular interest to the student will be the study of the Civil War in the Ozarks and the history of the communities of Springfield and Republic. The use of Power Point presentation enhances the learning capability of every student.

**AEROSPACE SCIENCE IV (JROTC) – (1 unit, Gr. 12)**

This class is intended to be a management/leadership experience for the 4<sup>th</sup> year cadet. Hands-on experience affords the cadets the opportunity to put theories of leadership courses into practice. Drawing on all previous textbooks and practical experiences, they will lead and manage the unit. For drill, the cadets will be responsible for planning and leading a Pass-In-Review parade. Physical fitness training will continue as prescribed by the previous courses.

**FINE ARTS****ART FOUNDATIONS – (1 unit, Gr. 9-12)**

This class is a basic art education course using the elements and principles of art in many different ways. The language of art uses basic elements and principles, increasing the

ability to express oneself clearly when discussing art and improving the ability to produce art works. Art I students learn to apply the principles and elements of design to their daily lives. **Supply fee of \$15.00 is required.**

**ART HISTORY – (1/2 unit, Gr. 9-12)** No prerequisite. This is a fine arts course that will use art history and projects “anyone” can do to learn how to objectively look at and discuss art. This course is open to all students with or without artistic ability.

**ART PHOTOGRAPHY – (1/2 unit, Gr. 9-12)** This semester course examines how to see photographically by exploring the basic tools and techniques of traditional photography. Students will learn basic skills in composition, film exposure, and development through a combination of lecture, demonstration and hands on learning. **Supply Fee of \$20.00 is required.**  
**Prerequisite:** A “C or higher” in Art Foundations.

**CERAMICS I – (1/2 unit, Gr. 9-12)** Students will create artwork using the three hand-building techniques; coil, slab, and pinch. They will have an opportunity to explore and master finishing techniques. **Supply fee of \$20.00 per semester is required.**  
**Prerequisite:** Successful completion of Art Foundations.

**CERAMICS II – (1/2 unit, Gr. 9-12)** This advanced ceramics class is designed to develop three-dimensional examples for college portfolios. Students will develop skills related to hand building and wheel-thrown pottery. **Supply fee of \$20.00 per semester is required.**  
**Prerequisite:** A “C” or higher in Ceramics I.

**3-D DESIGN (SCULPTURE) – (1/2 unit, Gr. 9-12)** Students will develop their understanding of design principles as they relate to depth and space. Students will explore problems through any three-dimensional materials or processes including, but not limited to, architectural models, jewelry, carving, and assemblage, figurative and non-figurative sculpture. Emphasis will be on creativity, form, and craftsmanship. **Supply fee of \$15.00 is required.**  
**Prerequisite:** Successful completion of Art Foundations.

**2-D DESIGN – (1/2 unit, Gr. 9-12)** Students will further develop their skills to organize visual images through the use of the elements and principles of design. Students will explore solutions to design problems through any two-dimensional medium or process, including, but not limited to, graphic design, collage, fabric design, illustration, painting, and printmaking. Emphasis will be on creativity, composition and craftsmanship. A sketchbook and portfolio will be required. **Supply fee of \$10.00 is required.**  
**Prerequisite:** Successful completion of Art Foundations.

**DRAWING I – (1/2 unit, Gr. 10-12)** This is an introductory course designed for the beginning student to learn how one can express oneself through drawing. Students will be given simple exercises and gradual skill-building assignments. Students will experiment with various media and techniques, reinforcing the application of the elements and principles of design as they apply in drawing. Students develop an increased awareness of observing in a unique manner. **Supply fee of \$10.00 per semester is required.**  
**Prerequisite:** Successful completion of Art Foundations.

**DRAWING II – (1/2 unit, Gr. 10-12)** Drawing II is a continuation and building upon skills learned in Drawing I. Students continue to experiment with new techniques and materials as they apply to drawing, become more expressive, selective and working independently. Emphasis is placed on preparing work for college portfolio. **Supply fee of \$10.00 per semester is required.**  
**Prerequisite:** A “C” or higher in Drawing I.

**PAINTING I – (1/2 unit, Gr. 10-12)** An introductory course for the beginning student desiring to express oneself through primarily the use of color and shapes. Students will have the opportunity to experiment with a variety of techniques and styles of painting, as well as study how other artists express themselves in painting media. **Supply fee of \$20.00 per semester is required.**  
**Prerequisite:** Successful completion of Art Foundations.

**PAINTING II – (1/2 unit, Gr. 10-12)** This class is a continuation of Painting I with emphasis placed in working independently, exploring, developing and learning to control a preferred medium. Students are encouraged to study other styles of painting, and incorporate them into their own styles. **Supply fee of \$20.00 per semester is required.**  
**Prerequisite:** A “C” or higher in Painting I.

**PORTFOLIO DEVELOPMENT – (1 unit, Gr. 11-12)** This course is individually designed for the college-bound student or a student who shows particularly high level of excellence in art. Every effort is made to work an art program into the student’s schedule on a daily basis. This is a highly recommended program for both competition – and scholarship – oriented art students. Instructor permission is required. All advanced art courses will include portfolio demonstration. **Supply fee of \$40.00 is required.**  
**Prerequisite:** A “C average” in Art Foundations.

**STUDIO ART – (1 unit, Gr. 11-12)** Studio Art is intended for highly motivated students who are seriously interested in the study of art. Among the many benefits to this honor level class, students who are successful can apply to skip one art class their freshman year of college. Students will need to work outside the classroom and beyond schedule periods. Maintaining a sketch book or journal is a necessary component of

Studio Art. Your portfolio will be evaluated using national AP standards at the end of the school year. Interested students may request an application from Mrs. Smith in room #1. **Supply fee of \$20.00 per semester is required.**

**Prerequisite:** Three Art credits with an "A average."

**MARCHING BAND – (1/2 unit, Gr. 9-12)** Marching band is a one-semester course, *however, students must also be enrolled in either symphonic or concert band*, unless they are a member of color guard. Marching band begins during the summer with camp, and performs at home football games, parades, and marching festivals. Attendance at 7:00 am rehearsals from August to October is required, as well as attendance at all performances. Grading is based on attendance, memory and other tests, and performances.

**SYMPHONIC BAND – (1/2 unit, Gr. 9-12)** Symphonic band usually starts the week after Thanksgiving; *therefore students must also be enrolled in marching band*. Symphonic band will cover a variety of music styles with testing emphasis on scales and rhythmic accuracy. This band performs in several concerts each year as well as district and other music festivals. Symphonic band usually performs Grade 4 and 5 literature.

**Prerequisite:** Instructor Permission

**CONCERT BAND – (1/2 unit, Gr. 9-12)** Concert band usually starts the week after Thanksgiving; *therefore students must also be enrolled in marching band*. Concert band will cover a variety of music styles with testing emphasis on scales and rhythmic accuracy. This band performs in several concerts each year as well as district and other music festivals. Concert band usually performs Grade 3 and 4 literature.

**INTRO TO JAZZ – (1/2 unit, Gr. 9-12) 2<sup>nd</sup> semester course** This is a one semester Fine Arts course for students interested in learning jazz style, improvisation and performance in the jazz idiom. The instrumentation is open to selected instruments with preference given to students enrolled in Symphonic or Concert Band.

**Prerequisite:** Instructor Permission

**JAZZ BAND – (1 unit, Gr. 10-12)** Jazz Band is a two-semester fine arts course for students interested in performing and improvising in the jazz idiom. There is a select instrumentation, and preference is given to students enrolled in symphonic or concert band. Jazz ensemble will perform in contests and concerts around the area, and grading is based on rehearsals, playing tests, and performances. Jazz Band II performs Grade 3 thru 6 level literature.

**Prerequisite:** Instructor Permission

**MUSIC APPRECIATION – (1/2 unit, Gr. 9-12)** This course is divided into three units: Music Theory, Music History, and Music Theatre. Students will show theory proficiency in reading rhythms, scales, and basic music

elements; be able to identify the time periods and composers of each; and analyze operas, operettas, and musicals. Grading is based on homework, tests, attendance, and a notebook. Written and performance tests are used in evaluating student progress.

**FRESHMAN CHOIR – (1 UNIT, Gr. 9)** This course is designed for students with some musical experience. Students will build on sight-reading skills, part-singing skills, and fundamentals. Various group performances are required of this group.

**Prerequisite:** Instructor permission.

**MIXED CHOIR – (1 unit, Gr. 9-12)** This course is designed for students with limited musical experience. Emphasis will be placed on learning to read music, fundamental vocal skills, sight-reading, and part-singing. It is designed to be a non-performing class. **No audition is necessary.** This course cannot be taken with Concert Chorale until junior or senior year.

**CONCERT SINGERS – (1 unit, Gr. 10-12)** This course is designed for the intermediary choral student, **with instructor permission** on the basis of their previous experiences in part singing, sight-reading and vocal skills. This group will be expected to perform as a whole as well as in combination with the other performing groups. Attention will also be placed on soloists and ensembles. **Prerequisite:** Instructor Permission

**CONCERT CHORALE – (1 unit, Gr. 10-12)** This is a course designed for a limited number of students who have been **selected through audition** on the basis of their musical experiences, sight-reading ability, part-singing skills, and fundamental vocal skills. Various group performances are required of this group. While this chorus will work as a group, attention will be paid to the soloists and small ensembles.

**Prerequisite:** Instructor Permission

**MUSIC FUNDAMENTALS – (1/2 unit, Gr. 10-12)** This course is designed for serious music students who require a foundation of musical knowledge to further their studies. Included will be basic music notation, expression tools, major and minor keys, time signatures and rhythms as well as ear-training within these areas.

**THEATRE I – (1/2 unit, Gr. 9-12)** Theatre I is an introductory course designed to introduce students to on-stage performance and techniques. Many aspects of acting and production will be covered as well as theatre history. Students will be introduced to the process of critical analysis and evaluation of the arts.

**THEATRE II – (1/2 unit, Gr. 9-12)** This class is designed for the continuing theatre student. Students will study all aspects of theatrical productions. Theatre II students will be required to participate in at least one of the aforementioned aspects of the Fall Musical or Spring Play.

**Prerequisite:** Successful completion of Theatre I.

**ADVANCED THEATRE – (1 unit, Gr. 10-12)** This course is for the advanced theatre student. Class will be on a rotating schedule including such topics as technical theatre, scripting and directing, and auditioning/acting for film. Students will be required to audition for or work on both the fall musical and spring play.

**Prerequisite:** A “C or higher” in Theatre II.

## HEALTH & PHYSICAL EDUCATION

**PHYSICAL EDUCATION – (1 unit, Gr. 9)** The student will participate in basic exercises and activities designed to improve strength, flexibility, agility, coordination, cardio-vascular endurance, respiratory efficiency and character. This class is required in the ninth grade.

**HEALTH – (1/2 unit, Gr. 9)** This course is designed to teach the student the importance of maintaining good health and the methods involved. The student will develop the concepts of high-level wellness, both physiological and psychological. Students will learn the importance of good nutrition, the ingredients of their personality, the dangers of substance use and abuse, causes of stress and methods of keeping it in a healthy state. The course offers C.P.R. and standard first-aid training.

**HEALTH OCCUPATIONS – (1/2 unit, Gr. 10-12)** This course is designed to teach sophomores through seniors about the many occupations in medical professions. Students will have the opportunity to explore careers in medicine through guest speakers, research, and interviews.

**Prerequisite:** Health, Biology I, or instructor permission.

**FRESHMAN MALE WEIGHT TRAINING – (1 unit, Gr. 9)** This course offers basic weight training principles. The student will participate in basic exercises and activities designed to improve strength, flexibility, agility, and cardio-vascular endurance. This class meets the requirements for 9<sup>th</sup> grade physical education.

**Prerequisite:** Instructor Permission and must have a current physical.

**FRESHMAN FEMALE WEIGHT TRAINING – (1 unit, Gr. 9)** This course offers basic weight training principles. The student will participate in basic exercises and activities designed to improve strength, flexibility, agility, and cardio-vascular endurance. This class meets the requirements for 9<sup>th</sup> grade physical education.

**Prerequisite:** Instructor Permission and must have a current physical.

**MALE WEIGHT TRAINING – (1 unit, Gr. 10-12)** – This course offers instruction and practice in the fundamentals of weight training and fitness training. This course will include information about human anatomy and physiology along with basic nutritional information.

**Prerequisite:** Must have a current physical.

**FEMALE WEIGHT TRAINING – (1 unit, Gr. 10-12)** This course offers instruction and practice in the fundamentals of weight training and fitness training. This course will include information about human anatomy and physiology along with basic nutritional information.

**Prerequisite:** Must have a current physical.

**ADVANCED WEIGHT TRAINING – (1 unit, Gr. 10-12)**

This course is designed for a limited number of students who have the basic fundamentals of weight lifting. Instruction and practice in weight training and fitness training for students and athletes will advance their abilities. **Prerequisite:** Must have a “B” in weight training, must be involved in a sport the previous year or written permission from the class instructor.

**LIFETIME SPORTS/FITNESS – (1/2 unit, Gr. 10-12)**

Students will obtain skills and knowledge of sporting activities that they can use throughout their lives.

**INTRO TO ATHLETIC TRAINING/SPORTS MEDICINE – (1/2 unit, Gr. 11-12)**

Intro to Athletic Training will be geared toward upper classmen who are considering entrance into the sports medicine field. This course will educate students on the basic responsibilities of an athletic trainer, as well as basic skills of care, prevention and treatment of athletic injury, and the overall well-being of the athlete.

**Prerequisite:** Successful completion of Biology I.

**ATHLETIC TRAINING PRACTICUM – (1/2 unit, Gr. 11-12)**

Athletic Training Practicum will be an application of Intro to Athletic Training course. Students will meet outside the classroom during extra curricular activity. Under the supervision of a certified athletic trainer, students will assist the athletic trainer in the daily activities of the training room. Duties would include game prep, setup and cleanup, event and practice coverage, maintenance of training room etc.

**Prerequisite:** Currently enrolled in or have taken Intro to Athletic Training/Sports Medicine.

**AEROSPACE SCIENCE I (JROTC) – (1 unit, Gr. 9-12)**

This course is intended to acquaint the cadet with the development of flight and its influences on the United States and the world. Leadership is addressed with such topics as the history of AFJROTC, its mission, and introduction of military traditions/discipline/courtesies. The course also stresses proper uniform wear. Basic drill techniques as well as flag etiquette are addressed. Physical fitness training is consistent with cadets passing physical education standards as prescribed by Republic R-III School District curriculum.

# PRACTICAL ARTS & VOCATIONAL EDUCATION

## AGRICULTURAL TECHNOLOGY

**AGRICULTURAL SCIENCE I – (1 unit, Gr. 9-10)** This course is an introductory course and prerequisite for the other Vocational Agriculture courses. Instruction will include units on a broad spectrum of agriculture industry areas. These units include animal nutrition, animal reproduction, genetics, agribusiness record keeping, SAE, urban agriculture, FFA history, shop skills and general safety, welding and oxy-acetylene usage, machinery maintenance and operation. This course will include hands on dissections and shop usage requiring physical activity.

**AGRICULTURE SCIENCE II – (1 unit, Gr. 10-12)** This course is a progressional course that will build upon the knowledge and skills acquired in Ag Science I. Instruction will include units on entomology, soil science, electricity, advanced agribusiness record keeping, MIG welding and plasma usage, project construction, and compass and orienteering. This course will include hands on dissections and shop usage requiring physical activity.

**Prerequisite:** Agriculture Science I or instructor's permission.

### **AGRICULTURE CONSTRUCTION – (1 unit, Gr. 10-12)**

This course is designed to provide students with entry level skills in vocational careers. This course includes instruction in basic electrical installation and safety, concrete and masonry, GMAW welding, SMAW welding, oxy-acetylene use and safety, plasma arc techniques, metal working abilities and equipment maintenance, blueprint design and interpretation, and a variety of shop production skills. This course applies skills to practical applications of shop construction and production and will serve the student in occupational pursuits, as well as the real life skills needed in home and production farm shops and other settings. All students will be expected to continue developing their Supervised Agriculture Experience Program and Maintain records on the program.

**Prerequisite:** Successful completion of Agriculture Science I.

### **AGRICULTURE MACHINERY AND POWER – (1/2 – 1 unit, Gr. 10-12) First Semester:**

Provides an orientation to power product equipment engine repair, including basic safety, common shop tools, fasteners, related math, and measurements. This course also educates students on materials, basic engine principles, engine design and identification, engine operation, parts management, inventory control, and service. Also includes lessons in each of the following areas: ignition, carburetor, rewind starters, compression, governors, lubrication, troubleshooting, and maintenance. **Second Semester:** Ag Machinery and Power will provide an-

depth knowledge of machinery operation including hydraulics, diesel motor components, injection pumps, fuel systems, belt and chain drive systems, etc. Repair, replacement, and maintenance will be the primary focus of this semester to provide students with the necessary basic skills required to enter work force areas in these career fields.

**Prerequisite:** Successful completion of Agriculture Science I.

### **GREENHOUSE MANAGEMENT AND OPERATIONS – (1 unit, Gr. 10-12)**

This course will focus on three major aspects of the greenhouse industry including plant science, business management, and production/physical labor. First semester instruction will include units on history of greenhouse management, economics, plant identification, plant biology and physiology, plant processes, propagative cuttings, and growing mediums and container types. Second semester instruction will include units on transplanting, planting, seeding, plug placement, water management, climate management, and landscape project construction. This course will include hands-on work in the greenhouse and shop requiring physical activity.

**Prerequisite:** Agriculture Science I or instructor's permission.

### **(A.O.E) SAE COOP AGRICULTURE OCCUPATIONAL EXPERIENCE – (2 units, Gr. 11-12)**

This course is designed for students who are actively employed by a company or individual in the agricultural field. The class is intended to focus on developing work skills and ethics, employer/employee relations, and occupational responsibilities that will assist students in pursuing a job after completion of their education. Students must be concurrently enrolled in another course within the Vocational Agriculture Department. All students will be expected to continue developing their Supervised Agriculture Experience Program and maintain records on the program.

**Prerequisite:** Successful completion of Agriculture Science I.

### **INTRODUCTION TO WOODS AND CONSTRUCTION – (1 unit, Gr. 9-12)**

Woods I is an introductory course where students learn: 1. Project/product design and planning. 2. Produce project planning documents which includes a drawing, plan of procedure, and bill of material. 3. Discuss/Identify/Apply mathematical calculations in the planning and production of projects. 4. Discuss/Identify/Apply different joinery methods for projects. 5. Hand tool and power equipment safety. 6. Produce projects to industry standards. 7. Prepare projects for the application of finish materials. 8. Apply correct finish materials to projects. 9. Discuss/Apply scientific principles that affect materials. 10. Introduce students to the careers associated with woodworking and product design. Students must develop the ability to draw, read, and interpret plans accurately. Students must have the ability to meet deadlines. There are

required projects for the course. **Students are responsible for the cost of project materials.**

**Prerequisite:** Home Maintenance, Exploration of Technology, or Drafting would be a great benefit but not required.

**ADVANCED WOODS AND STRUCTURES – (1 unit, Gr. 10-12)** This course is more advanced and is a look at more in depth project design, construction and structural difficulty.

**Prerequisite:** Introduction to Woods and Construction.

**HOME REPAIR AND MAINTENANCE – (1/2 unit, Gr. 9-12)** Home Maintenance and Repair is a course that provides excellent learning opportunities for students who have limited knowledge of basic repair experiences and/or knowledge of mechanics. In this course, tools, processes, materials, and products used in maintaining a home are emphasized. This class also examines the leadership, responsibility and management of home finances, relationships and decisions that a student will most likely be making in the future.

## INDUSTRIAL TECHNOLOGY

**EXPLORATION OF TECHNOLOGY (1/2 unit, Gr. 9-12)**

Exploration of Technology is a semester long practical arts course designed to involve a systematic overview of industrial technology. A primary goal of this course is to provide students with activities that will ensure the development of skills and knowledge necessary for coping with problems that are encountered in living and working in an ever-changing world. The course includes the two week modular approach where students may choose 8 of 15 subject areas such as: Computer Applications, Engineering, Bio-Tech, Construction, Flight, Lasers, and etc.

**ELECTRICITY/ELECTRONICS – (1/2 unit, Gr. 9-12)**

This course is designed to give a basic foundation for the student in this area. Emphasis is given to the study of theories surrounding electricity-electronics, wiring practices, electronic circuitry construction and the use of electrical test equipment.

**POWER, ENERGY, & TRANSPORTATION TECHNOLOGY – (1/2 unit, Gr. 9-12)**

The purpose of this course is to give students technological literacy, career exploration, safety awareness, and problem-solving skills dealing with energy, power, and transportation industries. The course includes the 2 week modular approach where students may choose 8 of 11 subject areas such as: Marine Tech, Land Tech, Aerospace, Hydraulics, Pneumatics, etc. ***This class is intended to be an introductory course prior to advancing to Power Mechanics.***

**POWER MECHANICS TECHNOLOGY – (1 unit, Gr. 10-12)**

This course is the study of development, transmission, and utilization of power including the theory, related physical and chemical principles, maintenance, and servicing of machines. Activities

involve the operating principles, design, assembly, maintenance, and repair of engines, and similar power sources.

**MULTIMEDIA PRODUCTION – (1 unit, Gr. 10-12)**

Multimedia Production is a systematic, purposeful, activity-oriented course targeted on developing skills to create, design, and produce professional multimedia presentations. The course involves considerable independent and extensive work with audio, video, and computer generated images. Students must be self-disciplined, determined, and hard working. Students will be exposed to fundamental processes and equipment of video production including synchronization, signal processing, special effects, and electronic editing. Students will use an extensive variety of multimedia programs.

## BUSINESS

**COMPUTER KEYBOARDING AND DOCUMENT FORMATTING – (1/2 unit, Gr. 9-12)**

This course is recommended for students with no computer keyboarding training at Middle School level. It is designed to develop keyboarding skills and introduce students to practical document formatting procedures used in academic and vocational areas.

**MICROSOFT APPLICATIONS – (1/2 unit, Gr. 9-12)**

This course is designed to expand on keyboarding skills and build on computer training received at Middle School level. Students will be introduced to practical computer applications using Word, Excel, and Access. This course is a prerequisite for several other classes and is essential for all students to effectively use computer technology in both academic and vocational settings.

**Prerequisite:** Computer Keyboarding or 8<sup>th</sup> grade Advanced Computer course.

**DESKTOP PUBLISHING I – (1/2 unit, Gr. 9-12)**

This will provide practical training for students in the latest software in desktop publishing: Adobe In Design. Students will learn and apply effective design principles while planning, creating and editing documents such as flyers, advertisements, letterheads, business cards, brochures, and newsletters.

**Prerequisite:** Computer Keyboarding or 8<sup>th</sup> grade Advanced Computer course.

**DESKTOP PUBLISHING II – (1/2 unit, Gr. 10-12)**

This one semester vocational course builds on the basic introduction of design concepts and desktop publishing basics that students were introduced to in Desktop Publishing. Students are provided with real-life assignments for documents requested throughout the district, including items such as flyers, handouts, newsletters, programs, letterhead, and brochures. In addition, students will be required to complete an electronic presentation during the semester. Skills acquired in this class are beneficial to students planning

on attending a 4-year college or those planning on going from school-to-work. This class may be repeated for credit with instructor permission.

**Prerequisite:** Desktop Publishing I, and instructor's permission with application.

**WEB DESIGN I – (1/2 unit, Gr. 10-12)** This semester course is designed to provide students with the knowledge and experience to develop business and marketing websites. Students will learn the basics of Web site design in a real production environment. Web pages and web sites will be developed utilizing a variety of software tools.

**Prerequisite:** Computer Keyboarding

**ADVANCED COMPUTER APPLICATIONS I (1/2 unit, Gr. 10-12)** This one-semester vocational course builds on the basic introduction in computer processes provided in Computer Applications. Students are provided with real-world simulations for training in advanced uses of Microsoft OfficeXP for business applications in word processing, spreadsheets, database, charting, graphics, and reports. Skills acquired in this class are beneficial to college-bound students and to students going from school-to-work.

**Prerequisite:** Microsoft Applications.

**ADVANCED COMPUTER APPLICATIONS II – (1/2 unit, Gr. 10-12)** This is a one-semester vocational course for students who successfully complete Advanced Computer Applications I. The course expands on word processing skills and introduces students to desktop publishing, electronic presentations, and employment communications processes. Workplace readiness skills acquired in this class will provide students with a strong foundation for advanced study and give prospective employees a competitive advantage for higher-level positions in the job market.

**Prerequisite:** Advanced Computer Applications I.

### **ENTREPRENEURSHIP & SMALL BUSINESS MANAGEMENT – (1/2 unit, Gr. 10-12)**

Entrepreneurship and Small Business Management is an elective Business course designed to equip students with skills needed to establish and operate their own business. This course will prepare students to experience the opportunity of owning their own business by developing new ideas, writing a business plan; develop critical thinking skills, creativity, initiative, and problem-solving techniques, while preparing them for tomorrow's workforce.

**ACCOUNTING I – (1 unit, Gr. 10-12)** Accounting I emphasizes the basic principles, concepts, and procedures of accounting that every student must understand if he/she expects to have maximum opportunity when entering the world of business. The course includes instruction in the use of electronic calculators and hands-on computerized accounting applications. Accounting I provides a basic foundation for students beginning preparation for careers in

business as well as giving information needed for everyday living.

**PERSONAL FINANCE – (1/2 unit, Gr. 11-12)** Personal Finance is an elective business course designed to help students understand the basic concepts necessary for their participation in our economic system as wage earners, business owners, producers and investors. This course will provide students with the skills needed to conduct their personal and business finances on-line, using Quicken. Personal Finance will provide students with the opportunity to prepare a personal budget, learn about wages and withholding taxes, balance their checkbook, make decisions regarding savings and investments, and complete income tax forms.

## **COOPERATIVE EDUCATION**

**COE – (1-3 units, Gr. 12)** Cooperative Occupational Education is a one-year vocational program designed to prepare students for future careers through classroom instruction and by actual work experience. Seniors will be in attendance a minimum three hours a day, with the remainder of the day spent at an occupation that has been identified as a possible future career. Class instruction includes units on: personal finance and budgets, workplace readiness, workplace laws and safety, economics, marketing, and customer strategies. The intent of this class is to give the student an overview of marketing and occupational life skills. ***Students must have a job before entering this program and maintain a job at all times during the school year. Student jobs need to be at identifiable business operations that provide yearly employment.***

## **FAMILY AND CONSUMER SCIENCES**

**ACTIVE FITNESS AND NUTRITION – (1/2 unit, Gr. 9-12)** This is an instructional program that prepares individuals to understand the relationship between nutrition and fitness. Special emphasis will be placed on nutrition and wellness. Food experimentation will be designed to enhance nutrition concepts. This course is designed to teach the importance of food selections and recognize the characteristics of wellness. Menu planning using sound nutritional guidelines is stressed. Selection of lower calorie, low fat, low salt food items and their application to special diets will be introduced. Other health issues such as substance abuse, stress and first-aid will be incorporated.

***Successful completion of this course provides students with ½ unit of health and prerequisite for Pro-Start I.***

**PRO-START I – (1/2 unit, Gr. 9-12)** This is an instructional program that prepares students to use scientific observation to study the chemical and physical changes that occur during food preparation. A full semester of weekly labs will enhance students

understanding of the process of why certain foods change using given cooking techniques.

**Prerequisite:** Successful completion of Active Fitness and Nutrition.

**PRO-START II – (1/2 unit, Gr. 10-12)** This is an instructional program designed for students who have a strong desire to work in the hospitality and restaurant industry. This course includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices. Units in the catering process and other entrepreneur opportunities will be included.

**Prerequisite:** A “C or higher” in Pro-Start I.

**PASTRY – (1/2 unit, Gr. 10-12)** This course is an introduction of the student to the ingredients, procedures and processes of basic baking. Course includes concepts in formulas and the chemical reactions of basic dough’s, cakes and batters.

**Prerequisite:** A “C or higher” in Pro-Start I.

**WORLD FOODS – (1/2 unit, Gr. 10-12)** – World Foods is designed for the student who has previously completed a foods preparation and nutrition class. This course acquaints the student with food customs and cuisines of countries around the world. The content of the course includes a study of the geographic, political economic and cultural characteristics of individual countries, as well as, meal planning, selection of recipes, preparation of food and serving suggestions.

**Prerequisite:** A “C or higher” in Pro-Start I or instructor permission.

**FASHION DESIGN I - (1/2 unit, Gr. 9-12)** Fashion Design I is a course that examines historical perspectives on design, the elements and principles applied to design, and consumer decisions related to the apparel industry. It will also focus on the skills needed for clothing design and construction, and career opportunities in the field. Topics will include the social, psychological, and physiological aspects of clothing; the nature, acquisition, and use of clothing and textile products; and the sewing machine and its attachments. A minimum of one project will be completed. Skills in art, communication, mathematics, science, and technology are reinforced in this course.

**FASHION DESIGN II - (1/2 unit, Gr. 9-12)** Fashion Design II is a course that focuses on advanced clothing apparel development. Knowledge and application of design principles, fibers and finishes, and construction techniques will be reinforced in this course. It will also focus on current fashion trends, wardrobe planning and design, and career opportunities in the field. A minimum of two projects will be completed. Skills in science, mathematics, management, communication, and teamwork are reinforced in this course. Work-based learning strategies appropriate for the course include

school-based enterprises, field trips, job shadowing, and service learning.

**Prerequisite:** Successful completion of Fashion Design I.

**HOUSING AND INTERIOR DESIGN – (1/2 unit, Gr. 9-12)** Housing and Interior Design is a study of historical and current applications in the fields of architecture, furniture styles, elements and principles of design, home furnishings, and floor plans, as well as other aspects related to the home and living environment. Projects include floor plans drawn to scale illustrating furniture arrangements and selection of background materials.

**RELATIONSHIP SKILLS – (1/2 unit, Gr. 10-12)** Relationship Skills is a class designed to help students approach relationships maturely; understanding the choices, adjustments, problems and responsibilities involved in developing and maintaining healthy relationships. This course focuses specifically on the development of the four process skills: management, leadership, problem-solving, and communication. Emphasis is placed on recognition of resources and cooperation within the family and the use of all resources as indicative of good management.

**CHILD DEVELOPMENT – (1/2 unit, Gr. 9-12)** The program draws on aspects of the social and biological sciences of which Family and Consumer Sciences is a component. The Child Development I course will stress responsibility in parenthood as well as guides for care during the prenatal period, infancy, and early childhood. A thorough study of children’s physical, intellectual, emotional and social development will be discussed in various stages. Special topics will include child abuse, childcare options, and communication with children, importance of play, and food and nutrition. With an understanding of growth and guidance of children, the student should be able to prepare for future parental roles, employment in the child care industry and/or continue with education in the area of Child Development. Baby Think It Over experience is a required element of the course.

**CHILD CARE – INFANT EDUCATION – (1/2 unit, Gr. 9-12)** This course will emphasize the importance of supporting infants’ development. Students will study the development, education and care of infants. This course teaches the principles involved in planning, implementing, and evaluating developmentally appropriate activities that stimulate the infant’s physical, emotional, intellectual, and social growth. This course is a component that will prepare students to become well-qualified child care providers and is essential in the development of early childhood professionals.

**CHILD CARE – TODDLER EDUCATION – (1/2 unit, Gr. 9-12)** Students will learn aspects of toddler development and how toddlers’ needs are met through curriculum planning. This course provides the opportunity to investigate ways of providing a safe, stimulating and nurturing environment that fosters the

optimum growth and development of the individual toddler. The principles involved in planning, implementing and evaluating developmentally appropriate curriculum for toddlers. They will learn how to help children explore, develop talents and independence, build self-esteem, and learn how to express emotions. This course introduces students to creative activities suitable for toddlers in a child care setting.

**Prerequisite:** Infant Education.

**CHILD CARE I – (1/2 unit, Gr. 10-12)** This course is designed for students who have met the prerequisite of Infant Education, Toddler Education and have a strong desire to work with children as a career goal in the future. This course focuses on preparation for Child Development Associates (CDA) assessment. Instruction will encompass the study of the six CDA goals and their functions. This is a hands-on course and student will be required to schedule lab hours in a licensed daycare and/or preschool. Students will complete a series of assigned activities and keep a log of their experiences at the site.

**Prerequisite:** Successful completion of Infant Education & Toddler Education. **Students are expected to provide own transportation.**

**CHILD CARE II – (1/2 unit, Gr. 11-12)** This course is designed for students nearing the completion of the Early Childhood Education program of study. Students use knowledge and practice skills gained in previous child care classes. This course is a practicum experience that provides students an opportunity to work with children in an early childhood care and education setting. Emphasis is upon student interactions with young children under the supervision of the classroom teacher or center director. Class meets 1 hour per week in the classroom and a minimum of 50 hours lab experience.

**Prerequisite:** Successful completion of Child Care I. **Students are expected to provide own transportation.**

**LEADERSHIP / CAREERS – (1/2 unit, Gr. 9-12)** This course will involve students in dynamic leadership training. It provides information, activities and project ideas to help students learn about leadership, recognize the lifelong benefits of leadership strength, practice leadership through community involvement, and become strong leaders for school, families, careers, and communities. Job shadowing, mock interview, electronic portfolio development, and field trips to post-secondary institutions may be included in the course. Career research will be required and students will explore the career pathways.

## **SPECIAL SERVICES**

**\*Students enrolled in Special Services are required to have an Individualized Education Plan.**

## **OTHER ELECTIVES**

**AEROSPACE SCIENCE I – (1 unit, Gr. 9-12)** This course is intended to acquaint the cadet with the development of flight and its influences on the United States and the world. Leadership is addressed with such topics as the history of AFJROTC, its mission, and introduction of military traditions/discipline/courtesies. The course also stresses proper uniform wear. Basic drill techniques as well as flag etiquette are addressed. Physical fitness training is consistent with cadets passing physical education standards as prescribed by Republic R-III School District curriculum. *\*May be taken to fulfill required PE credit.*

**AEROSPACE SCIENCE II – (1 unit, Gr. 10-12)** This course is intended to give the cadet a greater understanding of aerospace environment, the human requirements of flight, principles of aircraft flight, principles of navigation, and the effects of weather on flight. Leadership stresses communication skills, and the development of leadership techniques required to lead. Drill and ceremony builds upon the basic techniques learned by 1<sup>st</sup> year cadets. Physical fitness training is consistent with requirements established in the 1<sup>st</sup> year of AFJROTC. *\*This course counts as a Social Studies elective credit.*

**DRIVERS EDUCATION – (Pass/Fail, No Credit Gr. 9-12)** The need for drivers' education is evident to anyone who observes human behavior on our streets and highways. People need formal preparation to perform the varied traffic-related tasks of which driving is the most prominent. The secondary school is uniquely qualified to prepare young people for entrance into the traffic system as vehicle operators. Age requirement: 15 or over. **A fee of \$150.00 is required for class to be paid before the end of prior semester.**

**TECH AIDE – (1 unit, Gr. 9-12)** Students serving as a Technology Assistant will enhance their computer skills by working with a variety of hardware, software, and network applications. Responsibilities include troubleshooting computer problems, installing software, and assisting other students, as well as faculty and staff. To be eligible to select this course, students must have a GPA of 2.5 or higher and have maintained at least 95% attendance record. **Students must have Instructor's permission to enroll.**

**PHOTOGRAPHY (1 unit, Gr. 10-12)** This course is offered to those students who possess an interest in photography and an above average degree of dependability. Students are responsible for videotaping school activities and supplying photographs for the REPMO. Students will learn traditional darkroom techniques of printing pictures as well as digital imaging. **This class is by permission only.** Consideration for entry into this class will include past absences, tardies, and teacher recommendations.

**A+ TUTORING – (1/2 unit, Gr. 11-12)** This course is designed to help students to perform the 50 hours of mentoring/tutoring needed for the A+ school eligibility for financial incentives. Students will work with other students within the Republic School District to provide individual instruction. Students will learn improved study skills, responsibilities, and ability to work with others. To be eligible to select this course, students must have an A+ agreement on file, a GPA of 2.5 or higher, maintained at least a 95% attendance record, and a record of good citizenship with the avoidance of unlawful use of drugs. A+ students are required to be enrolled in a minimum of 2.5 credits semester of their senior year. Students are expected to provide their own transportation.

**OFFICE/TEACHER’S AIDE – (Pass/Fail 1 unit, Gr. 12)** Seniors may work one period per day as an aide to school office personnel or high school faculty member. Students must make application and be approved by office personnel and/or faculty member. Students are expected to remain in the teacher’s classroom. To be eligible to select this course, students must have a GPA of 2.5 or higher and have maintained at least 95% attendance record.

**JAG – (1 unit, Gr. 11-12)** Jobs for America’s Graduates (JAG) is a class geared toward assisting students in exploring options after high school. JAG’s ultimate goal is to teach students the skills needed to enter college, the military, or a career. Students will have the opportunity to learn career development, leadership, and self development skills. Achieving these skills will give students the chance to compete state wide or nationally. Students who participate in JAG will also receive assistance, when needed, up to 12 months following graduation.

**CADET TEACHING – (1 unit, Gr. 12)** Cadet Teaching is a course designed to help students explore teaching as a career. Students spend one class period (50 minutes) per day assisting a teacher at the elementary or junior high level. Students are expected to perform tasks required by their assigned teacher. A journal of activities is kept by the student, and a report is required at the end of each grading period. To be eligible to select this course students must have a GPA of 2.5 or higher, and maintained at least a 95 percent attendance record.

**Prerequisite:** Submit application and obtain approval from the Administration and Counselors. **Student must be a member of FTA.**

**SENIOR INTERNSHIP – (1/2 unit, Gr. 12)** This course allows seniors to spend one semester exploring a career in depth. Students will obtain on-the-job experience in an occupation related to their career pathway. Students, with the help of a school-based mentor, will plan specific course objectives related to their internship. Requirements: 95% attendance, 2.5 GPA, good citizenship, and **two letters of recommendation.** **Enrollment is by permission only.**

**Prerequisite:** Submit application and obtain approval from the Administration.

## **MAIN STREET LEARNING (Alternative School)**

Main Street Learning offers a second chance to students who are at risk of not completing high school. Students will broaden their knowledge through daily academics, counseling, guest speakers, field trips, social skills, current events, career exploration, and employment preparation activities. Through the use of the PLATO technology courseware, students participate in assessment strategies, tutorials, application exercises, problem-based activities, practice activities and mastery tests. MSL also offers the Missouri Option Program. See JAG description on page 52.

**Prerequisite:** Admission thru application and interview process.

## **Ozarks Technical Community College Career Center**

Juniors and seniors may earn three credits each year by attending OTC Career Center in Springfield. Republic R-III School District pays the tuition and provides transportation. Students attend one-half day of classes, either mornings or afternoons at high school and then college level courses on the OTC main campus. Students will continue to participate in high school's activities including clubs and sports programs. See the Ozarks Technical Community College catalog or website at [www.otc.edu/students/courses](http://www.otc.edu/students/courses) for course descriptions. Courses may be cancelled due to low enrollment numbers or other factors. Curriculum and course sequence are subject to change and may vary.

### **Career and Technical Education Programs Offered**

- **Auto Collision Repair Technology (Career Assessment Required for 1st Year Juniors)**
- **Automotive Technology**
- **Computer Information Science (One Year Program)**
- **Construction Technology**
- **Culinary Arts (One Year Program)**
- **Diesel Technology**
- **Drafting and Design Technology**
- **Early Childhood Development**
- **Electrical Trades**
- **Electronic Media Production**
- **Fire Science (Possible New Program 2010-2011 - Seniors Only)**
- **Graphic Design Technology**
- **Health Sciences**
- **Heating, Refrigeration and Air Conditioning**
- **Industrial Control and Automation**
- **Networking Technology**
- **Machine Tool Technology**
- **Turf and Landscape Management**
- **Welding Technology**

### **Contact Information**

- OTC contact: Susan Blakey, M.S., LPC, NCC, Assistant Director–Career Center Programs and Assessment.  
Phone: 417-447-8123 or e-mail: [blakeys@otc.edu](mailto:blakeys@otc.edu)
- Talk to your high school counselor

The Career Center administrative offices are located on the Springfield campus in the Information Commons East Building, Suite 129.

### **Non-Discrimination Statement:**

OTC prohibits discrimination and harassment and provides equal opportunities in its admissions, educational programs, activities, and employment regardless of race, color, religion, gender, national origin, age, marital status, sexual orientation, political affiliation, veteran status and disabilities that include HIV, AIDS, and other medical conditions. Bona fide occupational qualifications will be allowed in those instances where age, gender, or physical requirements apply to the appropriate and efficient administration of the position. Any person having inquiries concerning OTC's compliance with these regulations may contact the following:

For employment inquiries: Alice Ramey, Title IX & Section 504 Coordinator 417-447-2631

For student inquiries: Julia Bunch, Title IX & Section 504 Coordinator 417-447-8188

Address: 1001 E. Chestnut Expressway, Springfield, MO 65802

## **MISSOURI COLLEGES ACCEPTING A+ STUDENTS**

### **North Central Missouri College**

<http://www.ncmc.cc.mo.us>  
1301 Main Street  
Trenton, MO 64683

### **Moberly Area Community College**

<http://www.macc.cc.mo.us>  
101 College Avenue  
Moberly, MO 652701304

### **Metropolitan Community Colleges**

<http://www.kcmetro.cc.mo.us>  
3200 Broadway  
Kansas City, MO 64111

### **Blue River Community College**

<http://www.kcmetro.cc.mo.us/blueriver>  
1501 West Jefferson Street  
Blue Springs, MO 640157242

### **Longview Community College**

<https://www.kcmetro.cc.mo.us/longview>  
500 SW Longview Road  
Lee's Summit, MO 640812105

### **Maple Woods Community College**

<http://www.kcmetro.cc.mo.us/maplewoods>  
2601 NE Barry Road  
Kansas City, MO 64156

### **Penn Valley Community College**

<http://www.kcmetro.cc.mo.us/pennvalley>  
3201 SW Trafficway  
Kansas City, MO 641112764

### **State Fair Community College**

<http://www.sfcc.cc.mo.us>  
3201 West 16<sup>th</sup> Street  
Sedalia, MO 65301

### **Crowder College**

<http://www.crowdercollege.net>  
601 Laclede  
Neosho, MO 64850

### **Three Rivers Community College**

<http://www.trcc.cc.mo.us>  
2080 Three Rivers Boulevard  
Poplar Bluff, MO 63901

### **Mineral Area College**

<http://www.mac.cc.mo.us>  
P.O. Box 1000  
Park Hills, MO 63601

### **Jefferson College**

<http://www.jeffco.edu>  
1000 Viking Drive  
Hillsboro, MO 63050

### **St. Louis Community College**

<http://www.stlcc.cc.mo.us>  
300 South Broadway  
St. Louis, MO 63102

### **St. Louis at Florissant Valley**

<http://www.stlcc.cc.mo.us/fv>  
3400 Pershall Road  
St. Louis, MO 63135

### **St. Louis at Forest Park**

<http://www.stlcc.cc.mo.us/fp>  
5600 Oakland Avenue  
St. Louis, MO 63110

### **St. Louis at Meramec**

<http://www.stlcc.cc.mo.us/mc>  
11333 Big Bend Blvd.  
St. Louis, MO 63122

### **St. Louis at Wildwood**

<http://stlcc.edu/ww>  
2645 Generations Drive  
Wildwood, MO 63040

### **St. Charles County Community College**

<http://www.stchas.edu>  
4601 Mid Rivers Mall Drive  
St. Peters, MO 63376

### **East Central College**

<http://www.ecc.cc.mo.us>  
1964 Prairie Dell Road  
P.O. Box 529  
Union, MO 63084

### **Ozarks Technical Community College**

<http://www.otc.cc.mo.us>  
1001 Chestnut Expressway  
Springfield, MO 65802

### **MSU**

#### **West Plains Campus**

<http://www.wp.smsu.edu>  
128 Garfield  
West Plains, MO 65775

#### **Linn State Technical College**

<http://www.linnstate.edu>  
One Technical Drive  
Linn, MO 65051

## Four Year Colleges and Universities Offering Awards to A+ Graduates

(Update as of spring 2008 – These awards occasionally change. Interested students should check with the schools for confirmation of the specifics of each award.) **NOTE: These four-year colleges and universities do no qualify for the A+ Program**

### **Columbia College**

A+ qualifiers who transfer from a Missouri 2-year college and used the A+ grant to earn an Associate of Arts or Science degree or 60 hours with 3.0 GPA will receive a renewable 1/3 tuition scholarship. Renewable for one year. Columbia, MO (573) 875-7352

### **Drury College**

Lebanon and Rolla campuses only. Partial scholarship to high school students completing A+ requirements. (573) 368-4959 (Rolla Campus)  
(471) 532-9828 (Lebanon Campus)

### **Drury University**

Missouri A+ Scholarship Deadline: February 1, 2009 - \$1,000 annual - Open to Missouri residents who complete the A+ program requirements. Available to students entering Drury as freshmen – Renewable with a 3.0 cumulative GPA. What you need to do: Apply and be admitted to Drury University then submit proof of completion of A+ program requirements through transcript or certificate.

### **Missouri Southern State University**

A total of 100 A+ Leadership Scholarships per year will be awarded to graduating high school seniors intending to attend MSSU their freshmen year. In order to be eligible, first time freshmen must meet admission requirements, have A+ verification and be enrolled in 12 full-time college hours. (866) 818-MSSU or (417) 781-MSSU

### **Missouri Western**

Missouri Western in cooperation with Hillyard Technical Center offers A+ funds to students entering associate degree programs. Also offers one year certificate for Legal Assistant or Health Information Technology. St. Joseph, MO (816) 271-4200

### **Northwest Missouri State**

\$2,000 for A+ qualifiers, or \$1,000 if receiving other scholarships. Maryville, MO (800) 633-1175

### **Park University**

50% of tuition. Eligibility criteria: Attend an A+ eligible high school (must provide letter of eligibility from high school counselor and 3.25 cumulative high school GPA) 24 ACT. Renewable – must maintain 3.25 GPA; available maximum of four years; must complete 24 credit hours each academic year (fall and spring). (816) 741-2000 ext. 6294

### **Southeast Missouri State University**

High School A+ graduates may receive two years full tuition scholarship if pursuing a two year associate degree in one of two programs – Childcare and Guidance or Computer Technology. (573) 651-2590

### **Stephens College**

\$1,000 A+ Scholarship per year. Columbia, MO (800) 876-7207

### **Truman State University**

A student whose high school verifies his/her participation in the A+ program is eligible for consideration for \$1,500 A+ Recognition Scholarship. A maximum of 100 awards will be granted on a competitive basis to candidates who have a minimum 3.3 GPA and a 25 or higher ACT score, or an equivalent SAT exam score. The scholarship will be granted in addition to other University scholarships; the total award package cannot exceed the cost of tuition, room and board plus \$1,000 when combined with the "Bright Flight" scholarship. Kirksville, MO (800) 892-7792

### **Webster University**

\$1,000 to \$2,000 per year for A+ Scholarship only with 21 ACT. With an Academic Scholarship the A+ award is \$1,000. Renewable for three additional years. Webster Groves, MO (800) 983-4623, or (314) 968-6992

### **William Woods University**

\$1,000 per year for A+ qualifiers. \$1,000 automatically awarded to applicants who graduate from a Missouri A+ certified high school and have completed the program requirements are eligible. Submission of A+ certification and confirmation of participation from the A+ coordinator are required. This award is available to first year freshmen and may only be combined with an Academic Excellence Award, an Athletic Award (includes Scholar Athlete Award) and a LEAD Award. Satisfactory academic progress is required for renewal. Fulton, MO (573) 592-4221, (800) 995-3159