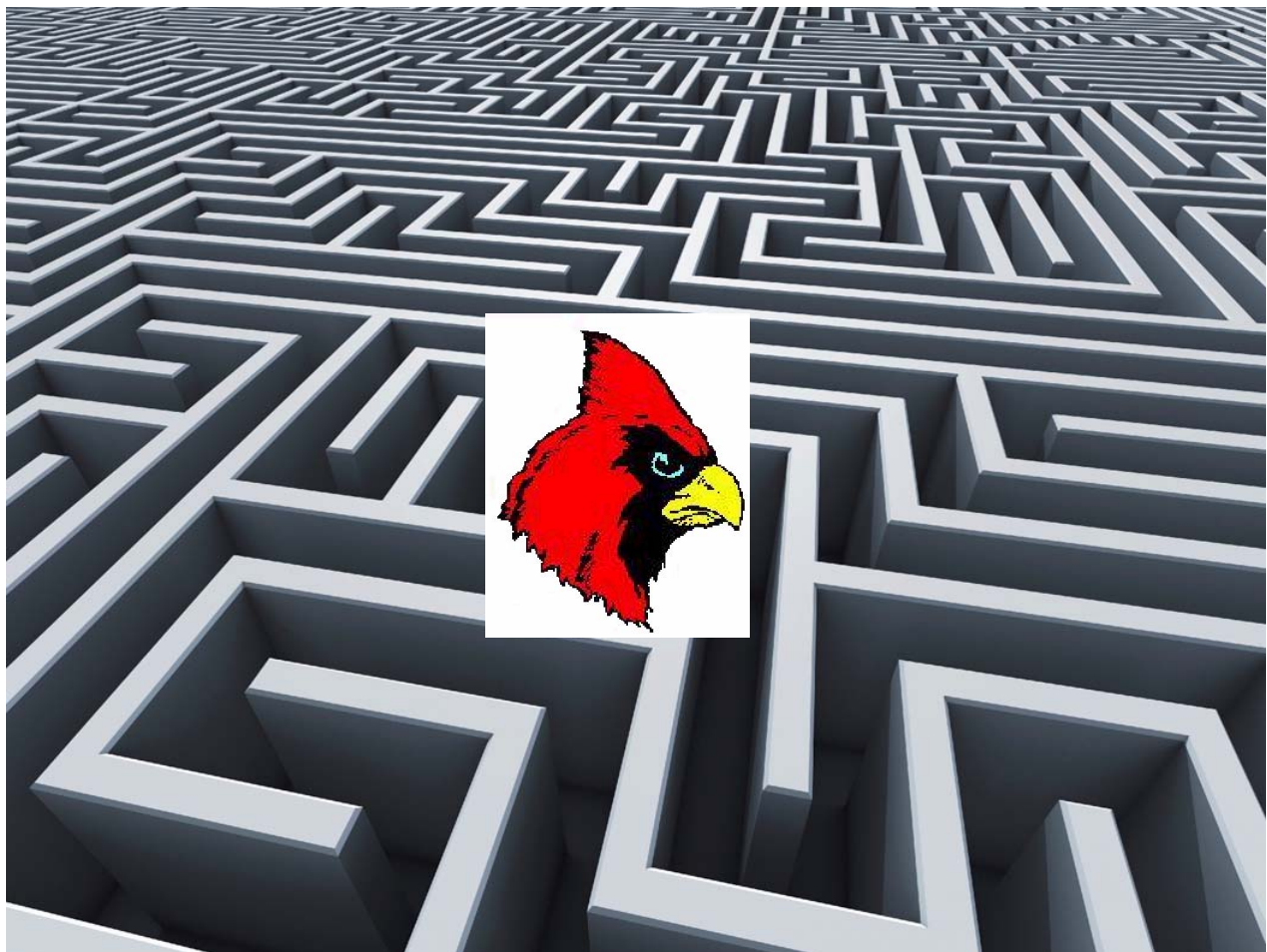


C H A D W I C K

HIGH SCHOOL



A+ *CAREER PLANNER*
STUDENT HANDBOOK
2008-2009

**Chadwick High School
Career Planner
2008-09**

TABLE OF CONTENTS

Beyond High School	2	Testing	19
How to Use This Career Planning Book	2	Course Descriptions	19
Four-Year Plan.....	3	English	19
A+ Schools Program	4	Foreign Language.....	20
Career Pathways	6	Social Studies	20
Graduation and Curriculum Requirements	11	Mathematics.....	21
Articulated Credit Offerings.....	12	Science	21
College Preparatory Certificate Requirements	12	Physical Education and Health	22
Classification of Student.....	12	Fine Arts.....	22
Missouri State University	13	Art	22
University of Missouri Admission Requirements.....	14	Music.....	23
College Visits or Career Pursuit.....	15	Practical Arts	23
NCAA Academic Eligibility Requirements.....	15	Business	23
General Information	15	Vocational Agriculture	23
Frequently Asked Questions	15	General Offerings.....	24
Advisory Block.....	16	Gibson Technical Career Center	25
Closed Campus.....	16	Missouri Colleges Accepting A+ Students.....	30
Graduating With Honors.....	16	Four-Year Colleges and Universities	
Academic Achievement.....	16	Offering Awards to A+ Graduates	31
Advanced Placement and Dual Credit	17		
Guidance Services	17		
Learning Resource Center	18		
National Honor Society	18		
Presidential Academic Fitness Award.....	18		
Study Skills.....	18		
Summer School Courses	18		

BEYOND HIGH SCHOOL - WHAT WILL YOU DO?

Immediate Employment
Community College (two-year)

Technical School
Four-Year College

Military
Apprenticeship

EXPLORE THE OPTIONS:

- Read about careers and training or college in the high school counseling department, newspapers and public library.
- Use the computer programs Choices to explore the military, technical schools, colleges, careers, financial aid and scholarship information. Visit the Career Section at the Chadwick High School Library.
- Visit work places, observe, shadow, volunteer and work part-time.
- Visit technical schools, community colleges and four-year universities.

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 organization skills, management skills and 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?
- 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 Technical College Career options that include certification and job placement opportunities.
 - Visit the Career Section in the Chadwick High School Library.
- **Enter the military:**
 - Graduate from high school.
 - Select courses that prepare you for the military occupational specialty (MOS) in which you are interested.
 - Contact local recruiters by telephone or talk with them when they visit our school.
 - Army - 883-6321 Air Force - 869-9290 Coast Guard 1-800-GET-USCG
 - Marines - 881-4044 Navy - 881-4252 National Guard 868-6011-6012, -6013, -6014,-6018
- **Enter technical school, community college or four-year university:**
 - Observe the admission requirements and articulation requirements.
 - Select the courses required by the school(s) of your choice.
 - Maintain your Career Profile which is a record of activities, leadership roles, honors, achievements, test scores 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.

PERSONAL PLAN
OF STUDY

Name _____ Graduation Year _____

Career Exploration Area _____
(Based on Career Pathway)

FRESHMAN

SOPHOMORE

English I _____

English II _____

Govt/Geog _____

American History _____

Physical Science _____

Math (Alg I or Geom) _____

Math Alg I _____

Biology _____

Health/Career Opportunities _____

Business Applications _____

Elective _____

Elective _____

Elective _____

JUNIOR

SENIOR

English III _____

English IV (Students may also receive Dual College Credit) _____

World History _____

Elective _____

Science (Chemistry, Anatomy/Physiology) _____

Elective _____

Math (Alg II, Geom) _____

Elective _____

Elective _____

Elective _____

Elective _____

Elective _____

Elective _____

Elective _____

*Personal Finance (1 sem) _____
(May be backed with A+ Tutoring 1 semester)

Elective _____

* All college bound students are encouraged to take Spanish I & II.

***NOTE: Personal Finance may be taken either junior or senior year (class of 2010 and beyond).**

A+ SCHOOLS PROGRAM

Chadwick High School is working toward designation by the Missouri Department of Elementary and Secondary Education as an A+ School (Designation goal 2009). The A+ Schools program provides students a rigorous program of academic and technical education that will prepare them for the workplace, military, vocational/technical school or college. This is a career initiative available to **all** students. It is designed to encourage students to finish high school.

The education of all students is important, regardless of their plans following high school. The A+ Schools program is 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.

Goals of the A+ Schools program:

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

By the year 2010, 75% of our nation's jobs will require technical skills, according to the U.S. Department of Labor. The A+ Schools program encourages students to focus on a career path, complete a four-year plan for high school, and progress toward a goal of continuing education at the post-secondary level or a high-wage job. Students may change their career path and course of studies at any time.

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 34.8 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 post-secondary 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 Chadwick R-I School District. Note: Books are not covered for the 2007-08 school year; check with the school in which you enroll.**

Should you have questions regarding the A+ Schools program, please contact the A+ office at 417 634-3588. A complete list of A+ Schools is located on pages 30.

A+ ATTENDANCE POLICY

Participation in the A+ Schools program is both an honor and a privilege. To qualify for the A+ financial incentive, a student must have at least a 95% attendance record for the four-year period of high school attendance. A student who exceeds 34.8 absences over the four years of high school will have less than 95% attendance and therefore will not qualify for the A+ financial incentive.

ATTENDANCE UPDATE

The A+ Coordinator will update each student's attendance status on a semester basis. An A+ Status Review will be mailed home each semester. Updated information will be used to satisfy the attendance requirement of the A+ Schools Program.

APPEALS

Students and/or parents may appeal absences in **special circumstances**. These may include conditions that require ongoing doctor visits and/or hospitalization to treat or cure a condition. Long-term illness or injury requires an application for homebound instruction which, if granted, does not count against the days absent.

Appeals of absences must be made to the A+ office within 14 calendar days after the **A+ Status Review** or **Letter of Ineligibility** has been mailed. An **A+ Attendance Appeal Form** and any documentation provided by doctors, funeral directors, etc. should be returned to the A+ office within those 14 days after the semester in which the absences occurred.

REVIEW PROCEDURES

The review committee (consisting of the principal, a counselor, two teachers and the A+ Coordinator) will respond in one of two ways:

- Grant a waiver of the appealed absences
- Deny a waiver of the appealed absences

The student and/or parents may or may not wish to attend the review committee meeting. The A+ Coordinator will make notification of the appeals decision to the student and parent/guardian.

Appeals of the review committee decision may be made to the Superintendent and Board of Education in writing within 14 calendar days of notification. Appeals after 14 days will not be considered. The Superintendent will make notification of the appeals decision to the student and parent/guardian.

DROP/RE-ENROLL

A student who drops and/or transfers to another school but re-enrolls at CHS within 15 days will still be eligible for the A+ financial incentive. Any absences during this time will be added to the student's CHS absenteeism total.

A+ CITIZENSHIP POLICY

Good citizenship is a measure of the quality of conduct in school and away from school. All of the A+ schools' financial assistance eligibility factors are indicators of good citizenship. A+ participants are expected to exhibit standards of behavior which will bring credit to themselves, the A+ Schools program, the school and the community.

To qualify for the A+ financial incentive, a student's behavior shall be in compliance with Board of Education policies, the guidelines in the student handbook, the A+ Schools guidelines, the Safe Schools Act and state and local regulations and laws.

CITIZENSHIP UPDATE

The principals will update the Discipline Program with each student's citizenship status as required. The updated information will be checked on a semester basis or as needed by the A+ Coordinator and used to satisfy the citizenship requirements of the A+ Schools program.

CITIZENSHIP ELIGIBILITY

Student discipline records will be maintained throughout the four years of high school. These records will be reviewed at the end of each semester by the A+ Coordinator. Citizenship/discipline violations that may jeopardize a student's A+ eligibility status include, but are not limited to, the following:

- ***In-School Suspensions and/or Office-Assigned Detentions***
 - 05** – Students will be counseled with regard to their A+ eligibility status.
 - 10** – Students will receive additional counseling and placed in a **warning status**.
 - 15** – Students will be immediately removed from the A+ Financial Assistance Program.

- ***Out-of-School Suspensions***

01 – Students will be counseled with regard to their A+ eligibility status.

05 – Students will receive additional counseling and placed in a **warning status**.

10 – Students will be immediately removed from the A+ Schools Financial Assistance Program.

REVIEW/ACTION

Individual citizenship/discipline records of all A+ students will be reviewed at the end of each semester. Students who are placed in a warning status will be counseled by the A+ Coordinator. The parents/guardians of students who are placed in a warning status will also be notified via first class mail of the student's status in the A+ Schools Financial Assistance Program.

Students who are to be removed from the A+ Schools Financial Assistance Program and their parent/guardian will also be notified via mail that the student has been removed from the A+ Schools Financial Assistance Program and will not be eligible for the A+ financial assistance.

A review committee (consisting of the principal, a counselor, two teachers and the A+ Coordinator) will review any appeals regarding placement in a warning status or removal from the A+ Schools Financial Assistance Program.

AUTOMATIC INELIGIBILITY

In compliance with the regulations of the Missouri Department of Elementary and Secondary Education's A+ Schools Financial Assistance Program, a student will be removed immediately from the program and thus forfeit the opportunity to receive funds through the program for any of the following:

Drugs/Alcohol/Substance Abuse

- Violations of the Chadwick R-I School District's Drug/Alcohol/Substance Abuse policy outlined in the board policy during the A+ agreement time.
- Unlawful possession and/or selling of drugs or alcohol which is formally reported to the school through the Safe Schools Act.

Violation of Local, State or Federal Criminal Laws

- Conviction of a felony.
- Conviction of criminal activity which is formally reported to the school as defined by the Safe Schools Act.

APPEALS

Appeals of the review committee decisions (regarding warnings or ineligibility) or appeals of the automatic ineligibility (regarding drugs, alcohol, Safe Schools Act, etc.) must be made to the Superintendent and the Board of Education in writing within 14 calendar days of notification. Appeals after 14 days will not be considered. The Superintendent will make notification of the appeals decision to the student and parent/guardian.

CAREER PATHWAYS

The Chadwick R-I School District continues to develop programs to assist all students in choosing and preparing for rewarding careers. A general high school program of studies is simply not enough preparation for today's colleges or for employment in today's complex workplace. The program of studies must be carefully planned and selected to help ensure that students may attain their goals.

The A+ Schools program has initiated a program of CAREER PATHWAYS to give FOCUS and DIRECTION to the selection of a high school course of study and to best assist students in achieving whatever goal has been chosen. All high school students will be asked to focus on a CAREER PATHWAY.

CHOOSING A CAREER PATHWAY

As a part of the A+ Schools program, each student, working with parents, advisory teachers and 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 pathway:

- CHS students will be involved in activities designed to expand awareness of a variety of careers.
- In the ninth grade a student will be able to choose a career pathway by considering personal interests, personality and strengths. The student will then develop a four-year plan by selecting the courses that are relevant to the variety of occupations in the chosen career pathway.
- 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 pathway 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 pathways. If a student decides on a new pathway, this should be discussed with the counselor so the student's four-year plan may be adjusted.

CAREER PATHWAYS

Career Pathways are clusters of occupations or careers that are categorized because many of the people in each one share similar interests, abilities and strengths. You should note the variety of occupations in each pathway which require various levels of training and education. The *possible* occupations listed in the different career pathways on the following pages are only a very small portion of the vast number of occupations in each.

ARTS AND COMMUNICATION

Are you creative? Imaginative? Innovative? Do you like being original? This pathway prepares students for occupations related to the humanities and the performing, visual, literary and media arts.

BUSINESS, MANAGEMENT AND TECHNOLOGY

Are you an organizer? Leader? Planner? Are you a good communicator? Do you follow through and persist to see the end product? This pathway prepares students for occupations related to the business environment.

HEALTH SERVICES

Do you like to help people who are sick? Help people to stay well? Are you interested in the medical field, how the human body works? This pathway prepares students for occupations related to the promotion of health and the prevention and treatment of disease.

HUMAN SERVICES

Are you outgoing? Open? Friendly? Do others consider you understanding and cooperative? This pathway prepares students for occupations related to economic, political and social systems.

INDUSTRIAL AND ENGINEERING TECHNOLOGY

Are you mechanically inclined? Practical? Like to use your hands and build things? Find out how things work? This pathway prepares students for occupations related to the technologies necessary to design, develop, install or maintain physical systems.

NATURAL RESOURCES

Do you like the outdoors? Interested in plants and animals? Curious about the physical world? Like to observe, investigate and solve problems? This pathway prepares students for occupations related to the environment 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
	Artist Audio-visual specialist Bindery worker Camera operator Dancer Film processing technician Model Musician News desk assistant Portrait photographer Professional athlete Salesperson Sign painter Singer	Broadcast technician Commercial artist Computer aided designer Designer Director Disc jockey Drafter Fashion designer Film editor Graphic artist Interior decorator Producer/director Radio/TV announcer Reporter Sound engineer Speech writer Writer	Actor/actress Architect Choreographer Communications manager Composer Computer animator Costume designer Editor Graphic designer Interpreter Journalist Newscaster Public relations specialist Public speaker Publisher Reporter/correspondent

Courses at Gibson Technical School: Business Technology, Computer Technology, Printing Technology
 Courses at Chadwick High School: All required subjects, Art, Music, Business Technology, Spanish
 Yearbook, College Prep Courses

BUSINESS, MANAGEMENT AND TECHNOLOGY 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
	Bank teller Cashier Collector Counter clerk Court clerk Customer service rep. Data entry operator Dispatcher Office clerk Postmaster Receptionist Retail sales person Stock clerk Word processor	Bookkeeper Claims adjuster Computer operator Computer programmer Credit manager Food services manager Insurance agent Legal secretary Office manager Paralegal Postal clerk Real estate agent Retail manager Sales manager Travel agent	Accountant/CPA/Auditor Buyer/purchaser City manager Computer systems analyst Credit manager Financial manager General manager Hotel manager Human resources mgr. Loan officer Marketing director Principal Stock broker Underwriter Urban planner

Courses at Gibson Technical School: Business Technology, Computer Technology
 Courses at Chadwick High School: All required courses, Business Technology, Spanish
 College Prep Courses

HEALTH SERVICES 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
	Admitting personnel Dietary aide Hearing aid fitter Home health aide Medical receptionist Nursing assistant Pharmacy aide Physical therapy aide Technicians: Dental Medical records	Dental assistant Dental hygienist EEG technician EMT Geriatric aide Licensed practical nurse Medical assistant Nursing assistant Occupational therapist Physical therapy assistant Radiological technician Sonographer Surgical technician	Athletic trainer Biologist Chiropractor Dentist Dietician Hospital administrator Nutritionist/dietician Optometrist Pharmacist Physical therapist Physician/pediatrician/surgeon Psychologist Registered nurse Respiratory therapist Speech therapist

Courses at Gibson Technical School: Business Technology, Computer Technology, Health Technology, Licensed practical Nursing

Courses at Chadwick High School: All required courses, Business Technology, Chemistry, Physics
College Prep Courses

HUMAN SERVICES 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
	Bus driver Butcher Child care worker Cook Corrections officer Firefighter Gardner Homemaker Host/hostess Janitor/custodian Kitchen helper Library assistant Mail carrier Porter/bell hop Private investigator Service station attendant Sports official Telephone operator Waiter/waitress	Beautician/hairdresser Caterer Chef Cosmetologist Court clerk Detective Dispatcher Firefighter Fire inspector Flight attendant Funeral director Park ranger Police officer Postal clerk Restaurant manager Teacher aide Wedding consultant	Archeologist Athletic trainer Attorney Clergy College/university faculty Career counselor Economist Education administrator Fashion buyer FBI agent Interpreter Judge Librarian Politician Psychologist Public administrator Social worker Teacher/coach Urban and regional planner

Courses at Gibson Technical School: Business Technology, Computer Technology, Culinary Arts, Law Enforcement, Printing Technology

Courses at Chadwick High School: All required courses, College Prep Courses, Business Technology
College Prep Courses

INDUSTRIAL & ENGINEERING TECHNOLOGY 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
	Auto body repairer Carpet installer Construction worker Heavy equipment operator Highway maintenance worker Jeweler Line installer/repairer Locksmith Mechanic Painter/paperhanger Printer Rotary well driller Truck driver Upholsterer Welder	Cabinet maker Carpenter CNC programmer Computer repairer Construction inspector Auto/diesel mechanic CAD drafter Electrician Laser technician Machinist Plumber Power plant operator Sheet metal worker Surveyor Technical writer Telephone installer/repairer Tool and die maker	Air traffic controller Architect Automotive designer Building inspector Compliance officer Cost estimator Engineer: Aerospace Chemical Civil Electrical Industrial Mechanical Robotics Geographer Production superintendent

Courses at Gibson Technical School: Auto Collision Technology, Automotive Technology, Building Maintenance, Business Technology, Computer Technology, Construction Technology, Marine Technology, Welding Technology

Courses at Chadwick High School: All required courses, Agriculture Courses, Business Technology, Advanced social studies courses, advanced science courses

College Prep courses

NATURAL RESOURCES 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
	Animal caretaker Farm manager Fish hatchery worker Florist Forestry worker Groundskeeper Horticulture worker Landscape gardener Livestock worker Logger Park aide Pest control worker Pet store worker Weather observer	Agricultural inspector Agricultural supervisor Farm operator/manager Farm sales representative Forest fire fighter Forest technician Landscape designer Nursery manager Sports turf management Surveyor Tree surgeon Veterinary assistant Wastewater plant operator	Agricultural engineer Agronomist Animal scientist Astronomer Botanist Chemist Fish and game warden Horticulturist Marine biologist Meteorologist Oceanographer Soil scientist Veterinarian Waste management researcher Zoologist

Courses at Gibson Technical School: Business Technology

Courses at Chadwick High School: All required courses, Agriculture courses, Business Technology,

Advanced science and math courses, College Prep courses

GRADUATION AND CURRICULUM REQUIREMENTS

To meet the graduation requirements of Chadwick High School, graduating students must complete a minimum of 24 units of credit during grades 9 through 12. A student's program must be cooperatively planned and approved by the student, his or her parents and the school. The program shall include courses of study in social studies, science, mathematics, communication skills, fine arts, practical arts and physical education as specified below.

	<u>Chadwick HS</u>	<u>College Prep</u>
English/Language Arts	4 units	4 units
Social Studies	3 units	3 units
Mathematics	3 units	3 units
Science	3 units*	3 units
Fine Arts	1 unit	1 unit
Practical Arts	1 unit	1 unit
Physical Education	1 unit	1 unit
Health	½ unit	***
Career Opportunities	½ unit	***
Personal Finance	½ unit**	***
Business Applications	1 unit	***
Electives	7 ½ units	8 units
Total	26 units	24 units

**Required for class of 2010 and beyond.

English must include English I, II and III. Students must complete four units of English.

Practical Arts Electives include business, agriculture, vocational/ technical courses.

Fine Arts include art and vocal music.

Science – 9th graders must pass Physical Science. College Prep students are encouraged to take science classes to include: physical science, biology, and Chemistry.

Social Studies – three units including American History full year (grade 11), one semester of Government and one semester of Geography (Grade 9) and World History full year (Grade 10).

Physical Education - Students must pass one unit of Basic P.E. and may receive additional P.E. credit from P.E. courses.

All students are required to pass Health.

All students are required to take Computer Applications beginning year 2008-09.

Students must pass Career Opportunities.

College-bound students are strongly urged to select additional elective units from the core curriculum areas of English, Mathematics, Science and Social Studies, as well as Foreign Language.

Summer school credit is allowed for graduation. Students may take three credits (six classes) of correspondence classes through an accredited university center for Independent Study. Catalogs are available in the Counseling Center.

In addition to the program of study for graduation, a student must pass proficiency exams covering Missouri and the United States Constitutions to qualify for graduation from the district. The exams must be passed in the government class or the class may be repeated in summer school or regular term.

No student shall graduate without having successfully completed a course of instruction of at least one semester in length on the institutions, branches and functions of the government of the state of Missouri, including local government and the electoral process.

Dual-credit courses taken in high school and college credit may be counted toward satisfying the core curriculum requirements.

Classification of students will be determined by credits earned each school year. Students must have the following credits to be classified:

Freshman - Must earn at least 5 credits to be classified as a Sophomore the following year

Sophomore - Must earn at least 11 credits to be classified as a Junior the following year

Junior - Must earn at least 18 credits to be classified as a Senior the following year.

To maintain classification status, students may attend summer school and earn one (1) full credit and/or attend the after school program during the regular school year or summer school to earn required credits.

ARTICULATED CREDIT OFFERINGS

The high school staff is working toward articulation of CHS courses with OTC. Any student who completes the course at CHS with at least a 3.0 and enrolls at OTC within two years will receive credit for that course. Unlike dual credit offerings, there is no cost to the student. The credit will be placed on the student's transcript upon completion of OTC requirements after enrollment.

Courses which may be approved for articulation in the future:

Business Technology

Agriscience Classes

COLLEGE PREPARATORY CERTIFICATE REQUIREMENTS

Earn at least a 3.0 grade point average (GPA) on a 4.0 scale in the combined subject areas of English/Language Arts, Mathematics, Science and Social Studies. The school may calculate GPA's for its students at the end of the seventh or eighth semester of high school.

Score above the prior year's national composite average on the American College Test (ACT) or on the Scholastic Aptitude Test (SAT).

English/Language Arts – At least four units.

Mathematics – At least three units, high school-level Algebra and beyond, including Algebra II.

Science – At least two units (not including general science, selected from Biology, Botany, Chemistry or Physics, one of which is a laboratory course).

Social Studies – Three units, including American History (grade 9), one semester of Government and one semester of Geography (Grade 10) and World History (Grade 11).

Fine Arts – At least one unit selected from visual arts, music, dance or theater.

Specified Core Electives – At least three additional units selected from Foreign Language and/or combination from two or more of the following course area: English, Mathematics, Social Studies, Science and Fine Arts.

General Electives – At least six units, or a sufficient number of units to meet state and local graduation requirements.

NOTE: One unit = one full credit, or two semester courses.

For more information contact:

Assistant Commissioner, Division of Instruction
Missouri Department of Elementary and Secondary Education
P.O. Box 480, Jefferson City, Missouri 65102-0480
Phone (573) 751-4234

MISSOURI STATE UNIVERSITY FRESHMAN ADMISSION REQUIREMENTS

Revised Fall 1998

Admission is guaranteed to students who have completed the core curriculum described below and who have a high school grade point average of 2.50 or higher and an ACT* composite score of 21 or higher. In keeping with the objective of becoming a selective admission institution, MSU will evaluate its admission policy annually. It is anticipated that the class rank and test score requirement will be increased in future years. Details on the admission policy for each future semester will be available from the Admissions Office at least one year in advance of the beginning of the semester.

*Scores for special administrations of the ACT (i.e., for students who have disabilities which may require special accommodations) are acceptable for admission purposes.

HIGH SCHOOL CORE CURRICULUM

All entering first-time freshmen and transfer students with fewer than 24 hours of transferable credit must have successfully completed the 16-unit high school core curriculum that was established by the Missouri Coordinating Board of Higher Education (CBHE) (see below).

ENGLISH – 4 units

Two units emphasizing composition and writing skills are required. One unit may be Speech or Debate.

Examples of acceptable courses: English or Language Arts, Literature, Speech, Debate, Journalism (if writing intensive).

Not acceptable: Yearbook, Dramatics, Mass Media.

MATHEMATICS – 3 units

High school level Algebra and beyond, including Algebra II.

Examples of acceptable courses: Algebra I, Geometry, Algebra II, Pre-Calculus/Trigonometry/Analytic Geometry, Calculus, Math Analysis.

Not acceptable: Computer Math, Pre-Algebra, General Math, Consumer Math.

SOCIAL STUDIES - 3 units

Must include American History and at least one semester of Government.

Examples of acceptable courses: World History, American History, American Government, State/Regional History, Principles of Democracy, Civics, Psychology, Sociology, Economics, Political Science, Geography.

Not acceptable: Family Relations, Consumer Education.

Dual Enrollment as applied to the core curriculum: Courses taken in high school for both high school and college credit may be used to satisfy the requirement. Mathematics courses from the list of acceptable courses and foreign language courses may be used if subsequent courses in the subject are shown on the high school transcript.

The core curriculum is based on guidelines established by the CBHE. The examples of acceptable courses are subject to revision in response to actions by the CBHE.

SCIENCE – 2 units

One unit must be a lab course.

Examples of acceptable courses: Biology, Chemistry, Physics, Anatomy and Physiology, Botany, Zoology, Integrated Science, Physical Science, Earth Science.

Not acceptable: General Science, Consumer Science, Environmental Studies.

VISUAL AND PERFORMING ARTS – 1 unit

Examples of acceptable courses: Art, Music (Band, Orchestra, Choir, Music Appreciation or Music Theory), Dance, Drama, Theatre Appreciation.

Not acceptable: Speech, Mass Media, Arts and Crafts.

ELECTIVES – 3 units

Must be selected from foreign language and/or a combination of two or more of the areas listed above or Computer Science (if Algebra I is a prerequisite).

Not acceptable: Physical Education, Accounting, Family Studies, Keyboarding, Vocational Courses.

EXCEPTIONS TO THE ADMISSION POLICY

MSU seeks to enroll a student body with diversity of race, ethnicity, age, geographic origin and physical ability. In addition, the university recognizes that some students may be deserving of special consideration. For these reasons, up to 10% of each freshman class may be admitted as exceptions to the policy.

Students who wish to be considered for an exception to the policy must submit a letter (in the student's own words) to the Admission Exceptions Committee in care of the Admissions Office. To receive an admission exception, students must provide evidence of strong promise for academic success at MSU. Factors which may be considered by the Exceptions Committee include evidence of significant academic improvement, a strong high school core curriculum, involvement in extracurricular activities (especially in leadership roles), and outstanding talents, skills or abilities. Students must also submit at least one letter from a teacher or counselor who can provide insight regarding the student's chance for academic success at MSU. Exception requests and supporting letters must be received by the Admissions Office at least 30 days before the term in question.

UNIVERSITY OF MISSOURI FRESHMAN ADMISSION REQUIREMENTS

REVISED FALL SEMESTER 1997

This summary reflects recent changes to the four-campus University of Missouri System's new freshman admission credit requirements. The requirements are effective as of the Fall Semester 1997. New class rank/test score requirements for admission will be determined soon. Please contact the appropriate campus admissions office if you have questions.

High school unit requirements have been increased by one unit each in Mathematics, Science, and Social Studies, and a two-unit Foreign Language requirement has been added. The one-unit fine arts requirement is limited to four specific areas, as noted below, and expected proficiencies for all required units have been established.

Because the current three-unit electives requirement has been eliminated, these changes raise the total high school unit requirements by 2, from 15 to 17. The new standards are effective as of the Fall Semester 1997.

Regular admission of first-time college students or all students graduating from high school after 1997 (entering freshman) requires completion of at least 17 units of credit (1 unit=1 year in class) as follows:

- A. Four (4) units of English, one of which may be Speech or Debate. Two units emphasizing composition or writing skills are required.
- B. Four (4) units of Mathematics (Algebra I or higher), must include Algebra II.
- C. Three (3) units of Science (not including General Science). The three units of Science must include a laboratory course and must include units from at least two of the following areas: Physical Science, Biology, Physics, Chemistry and Earth Sciences.
- D. Three (3) units of Social Studies.
- E. One (1) unit of Fine Arts, to be taken in visual arts, music (e.g., band, orchestra, music appreciation, music theory), dance or theater.
- F. Two (2) units of a single Foreign Language.

COLLEGE VISITS OR CAREER PURSUIT

College visit days are available for seniors to visit area colleges they might consider attending after high school graduation. Students are limited to one visit during their junior year and two visits during their senior year with verification. One military recruitment exercise is authorized for seniors with verification. Students must pick up a form from the counselor's office and have the form filled out at least one day in advance for permission to be granted.

NCAA DIVISION I AND DIVISION II ACADEMIC ELIGIBILITY REQUIREMENTS

Students interested in participating in a Division I or Division II Athletics NCAA program at the college/university level need to contact the athletic director for information concerning the specific academic eligibility requirements or access the website at www.ncaa.org.

Some general requirements include:

- Graduate from high school
- Successful completion of a core curriculum of at least 14 academic courses (this core curriculum varies as to Division I and Division II requirements)
- Meet specified ACT or SAT scores

Some classes offered at Chadwick High School do not meet eligibility requirements. Students considering NCAA eligibility must obtain complete academic eligibility requirements from the athletic director.

Student athletes may apply during their junior or senior year.

NEW NCAA RULE

14 Core Courses Required: Division I and II through class of 2007:

- 4 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)
- 1 year additional English, Mathematics or Natural/Physical Science
- 2 years of Social Science
- 3 years of additional courses (from any area above or foreign language)

Rule for Division I Athletes graduating in 2008 and beyond (Div. II is still 14 core):

16 Core Courses Required:

- 4 years of English
- 3 years of Mathematics (Algebra I or higher)
- 2 years Natural Science/Physical Science (1 year must include a lab class)
- 1 year of additional English, Math, Natural/Physical Science
- 2 years of Social Science/Social Studies
- 4 years of additional courses from any area above and/or foreign language(s)

GENERAL INFORMATION

FREQUENTLY ASKED QUESTIONS

May I repeat a course for graduation credit?

No, an academic course successfully completed with a passing grade cannot be repeated for credit. Some electives such as Band, Choir, Newspaper, etc. may be repeated.

What if I have a lower grade in a course than I would like to have on my transcript?

You may repeat a course if the grade was below a "C", but credit will not be given twice. While both grades will appear on the transcript, the higher of the two will contribute to the GPA.

What happens if I fail a semester of a required full year (two-semester course)?

Credits are earned by the semester (one-half credit per semester). If you fail a required course, you will need to repeat the failed semester until you successfully complete that semester of the course. It is recommended that this be done as soon as possible.

How can I earn extra credit or make up for lost credit?

Summer school credit may be earned as applicable. Three credits of correspondence courses from an accredited college or university may be applied to satisfy graduation requirements. Each course counts as one-half credit. To receive credit for correspondence courses, a student must receive permission from a counselor before enrolling. The student is responsible for the costs. Courses must be completed three weeks prior to the end of the school year. Only correspondence work completed through the independent learning programs of accredited colleges or universities will be accepted.

May I change my schedule if I don't like a class?

Class schedules may **only** be changed for one of the following reasons:

- Schedule is in conflict
- Not meeting a prerequisite
- To add graduation requirements
- Repeat a failed class or in a previously passed class

Note: All other changes will require approval from a high school administrator.

What happens if I withdraw from a class before the end of the semester?

Students must complete classes for which they are enrolled. If a student transfers to another school, his/her current grades and transcript are sent to the new school after all books are returned and any outstanding charges are paid. If a class is dropped with a failing grade, an "F" is placed on the transcript. If a class is dropped with a passing grade, a "DR" is placed on the transcript, with no credit awarded.

Do any classes which I took in junior high count toward high school credit?

No. However, junior high classes which are the same content as a class offered at the high school level may count toward meeting college admissions requirements.

CLOSED CAMPUS

The Chadwick R-I School system operates on the basis of a "closed campus." Most simply stated, this means that visitors to school must immediately report to the school office and students may not leave school grounds during the day without checking out with the school office and obtaining parental permission. The purpose of this is not to interfere with individual student's needs but to assist the student and family by being knowledgeable of the cause of absences from school. **Students are not to leave campus for lunch.**

GRADUATING WITH HONORS

The honors program rewards those students who have earned a **College Preparatory Certificate** and maintained a **3.85** cumulative GPA and above with a prestigious certificate. Those graduated through eight semesters who maintain a 4.0 GPA will receive the Summa Cum Laude honor at the graduation ceremony. Those graduates through eight semesters who maintain a 3.85 to 3.99 GPA will receive a Cum Laude honor at the graduation ceremony. It is important to remember that these graduates must also qualify for a College Preparatory Certificate to receive their honor. See page 15.

ACADEMIC ACHIEVEMENT

In an effort to reward and recognize students at Chadwick High School who have excelled in their class work, academic honors are awarded in the following manner:

- Qualifications – Students should have a 3.85 cumulative GPA
- Awards presented after first semester of:
9th grade – certificate of recognition

10th grade – letter and bar

11th and 12th grades - bar

- Students who obtain a 3.85 cumulative GPA at later dates are recognized during the spring of each year

Transfer students become eligible for the academic awards after attending Chadwick High School for one year, with the exception of ninth graders who become eligible after the first full semester of their freshman year.

These awards are based on GPA at the end of the fall semester each year.

ADVANCED PLACEMENT AND DUAL CREDIT

Students enrolled in dual credit courses have the option to take the College Board exam for which the course prepared them. CHS students with scores of 3 or higher (on a scale of 0-5) may receive college credit from the college or university of their choice. Students are urged to check with their intended school as policies on accepting AP scores vary. The AP exam is given in May at Chadwick High School. The fee for the AP exam and dual credit is the responsibility of the student.

GUIDANCE SERVICES

The guidance staff uses the Missouri Comprehensive Guidance Program as a model for developing guidance services for all students. The following will give students and parents an idea of the areas in which counselors assist:

- A. Career Planning and Exploration
 1. Planning high school courses
 2. Selecting from the six Career Pathways
 3. Exploring individual interests and abilities
 4. Exploring various careers
 5. Making decisions about post-secondary education and training

- B. Knowledge of Self and Others
 1. Handling personal difficulties
 2. Understanding and getting along with others
 3. Understanding the importance of a healthy lifestyle

- C. Educational and Vocational Development
 1. Improving learning and study skills
 2. Making decisions
 3. Preparing for and finding a job

The Counseling Center at Chadwick High School has a variety of resources to assist students in planning for the future. Information about admissions to vocational/technical schools, four-year colleges and universities, financial aid and scholarship opportunities, testing, etc. is available to the students. Computer programs and other resources are also available in the Career Section in the LRC or in the counselor's office. Students and parents are encouraged to use any and all of these resources.

LEARNING RESOURCE CENTER

The Chadwick High School Learning Resource Center (LRC) has a section known as the Career Section which is devoted to materials specifically related to career planning. The materials include books describing a wide variety of careers, expectations for jobs in the future, college selection aids, information on colleges and scholarships, vocational technical schools, how to develop interviewing skills, and how to write a resume. Videos on a variety of topics pertaining to finding and keeping a job as well as other areas related to vocational skills and planning can also be found in the LRC.

NATIONAL HONOR SOCIETY

Students are selected through an application process. These students must have a cumulative GPA of 3.5 or above and have demonstrated the qualities of leadership, character and service. Members are challenged to maintain these standards as an example to other students. Members are required to be involved in service projects throughout the school year.

PRESIDENTIAL ACADEMIC FITNESS AWARD

This is a national award presented by the U.S. Department of Education. The criteria for this award are as follows:

- Attained a B+ average or equivalent accumulated over grades 9, 10, 11 and the first semester of grade 12. The B+ average is defined as equivalent to a 3.3 on a 4-point scale or an 85 on a 100-point scale.
- Received a score in the 12th grade placing the student at or above the 80th percentile on any nationally recognized standardized achievement test battery or any nationally standardized college admissions examination, such as SAT or ACT.
- Completed by graduation at least 12 high school or higher-level course units in the "New Basics." The National Commission on Excellence in Education recommended that the "New Basics" include English, Mathematics, Science, Social Studies, Foreign Language and Computer Science.

STUDY SKILLS (SPECIAL EDUCATION) AND SEC. 504 PLANS

Students who are eligible for special education may receive credit for individually designed programs that are implemented in a special education classroom. Students receive credit for regular courses, which have been modified to accommodate individual student needs. When a student's disability prevents him/her from participating in certain activities, special classes may be substituted for otherwise required classes. Substitution of classes and the type of credit which will be awarded for special education classes are determined individually and are reflected on the student's Individual Educational Plan (IEP) or his/her 504 Plan.

SUMMER SCHOOL COURSES

Students may earn credit for successful completion of summer school. A variety of summer school courses are offered each summer. The following are just a **few** of the most commonly available:

- English
- Social Studies
- Algebra I
- Art/Music
- Science
- A+ Tutoring

TESTING

ACT

This is a college entrance exam available for all students but recommended for juniors and seniors. Most Missouri colleges and universities prefer this test. It may be taken as often as the student chooses. The test is given at Chadwick High School and other area schools on Saturdays during the months of October, December, February, April and June. These dates and applications for the test may be obtained from the counselor. The fee for the ACT is the responsibility of the student.

SAT

This is a college entrance exam available to juniors and seniors. Many out-of-state colleges and universities may require this test. Check the requirements of the institution you are planning to attend.

PLAN

This is an exam given to sophomores in the fall of each year. It is a pre-ACT exam. It also includes an interest inventory.

PSAT

A practice college entrance exam for juniors and qualifying test for the National Merit Scholarship Qualifying Test. Sophomores may take the exam as a practice test. It is a pre-SAT exam. Students must sign up and pay for this optional exam.

MAP

The Missouri Assessment Program is a performance-based assessment system for use by all public schools in the state, as required by the Outstanding Schools Act of 1993. The assessment system is designed to measure student progress toward meeting the Show-Me Standards, 73 rigorous academic standards that were adopted by the State Board of Education in January 1996. Currently, the content areas tested are Math (Grade 10) and Communication Arts (Grade 11). Contact the Counseling Center for the spring testing dates.

Additional information on all of these exams and the dates they will be administered may be obtained from the Counseling Center.

COURSE DESCRIPTIONS

ENGLISH

*** Requirement**

**** Elective**

English I

(1 Credit, Gr. 9)

English I is a required course and will include the study of literature, writing and grammar. These units of study are designed to enhance skills (reading, writing, speaking and listening) which will prepare students for success in a variety of communications and in understanding different genres.

English II

(1 Credit, Gr. 10)

Prerequisite: Full year English I credit

English II is a required course designed to extend the student's English education in the following areas: composition, proofreading, editing, research, vocabulary, literary analysis, speaking and listening. The class is an excellent opportunity for students to polish communication skills needed for the Twenty-first Century. Students must have credit for a full year of English I.

English III

(1 Credit, Gr. 11)

Prerequisite: English I & II (full year of both)

English III is the third required course of Communication Arts for Chadwick High School. English III provides a study of varied forms of American literature through critical reading, analysis, composition and other related assignments and class discussion.

English IV (May be taken for Dual Credit)

(1 Credit, Gr. 12)

Prerequisite: English I, II and one additional English credit

English IV provides a review and refresher course of the basics of grammar and usage. Areas for in-depth study include sentence structure and composition, with emphasis on essay writing, techniques of research and the research paper. A major literary work will also be studied. It is recommended that English IV be taken during a student's senior year. Anyone other than a senior wishing to take English IV must obtain permission from the English IV teacher.

Mass Media

(1 Credit, Gr. 10-12)

Prerequisite: .

Newspaper/Yearbook is a class that produces the school newspaper, and the yearbook, Students are responsible for learning how to use a camera, writing, layout and editing skills.

Creative Writing

(1 Credit, Gr. 11-12)

Prerequisite:

Students will explore creative writing and will read an assortment of short stories for interpretative quality and style.

Applied Communications

(1/2 credit, Gr. 11-12)

Students will work on media including web media.

Short Storied/Novels

(1 Credit, Gr. 10, 11-12)

Students will read and critique works of literature.

FOREIGN LANGUAGE

***Requirement**

**** Elective**

Spanish I **
(1 Credit, Gr. 9-12)
This course is designed to introduce the student to the alphabet, the entire sound-system of the language, and the basic grammatical categories. The vocabulary and structure in this course allow the student to participate in simple, everyday situations.

Spanish II **
(1 Credit, Gr. 9-12)
Prerequisite: C or higher in Spanish I or teacher's permission
This course is designed to expand upon the student's basic language skills at a level sufficient to participate in daily activities concerning school, home, friends, and simple public situations to include food, travel, entertainment, time, weather, and introduction.

Spanish III **
(1 Credit, Gr. 10-12)
Prerequisite: C or higher in Spanish II or teacher's permission
This course is designed to reinforce and continue to expand upon the four language skills: listening, comprehension, reading, and speaking. Students are encouraged to use the target language daily by retrieving previously learned items and adapting them to new levels as meanings are expressed with additional finesse and nuance.

SOCIAL STUDIES
Requirement
**** Elective**

American History *
(1 Credit, Gr. 11)
Required: 11th graders
Modern American history is an in-depth look at history from 1865 to present. In class, we try to look at ways we can profit from the successes of our past history and try to shape our futures by understanding our current history.

Economics **
(1/2 Credit, Gr. 11-12)
This one semester class will introduce various theories on how wealth may be distributed, who benefits from that wealth, how governments may influence that distribution and how changes in supply and demand may affect prices. While communist and socialist economic systems will be studied, the emphasis of the course will be on capitalism in the United States.

Intro to American Government *
(1/2 Credit, Gr. 9)
Required: 9th graders
This one semester class takes an interesting look at how our American government began and has evolved over the last 220 years. The course discusses your rights as

an American citizen and how government works for the citizens.

Psychology **
(1/2 Credit, Gr. 11-12)
Students will be introduced to major theories of human development, adjustment and breakdown. While abnormal psychology is part of the material, other topics are covered as well. Topics include: perception and sensation, stress, sleep and dream, learning, memory, motivation and intelligence.

Sociology **
(1/2 Credit, Gr. 11-12)
This is a junior/senior class used as an introductory course to the study of sociology and group behavior. Many surveys and observations are done by the students. The major focus is on how we are affected and how we affect our families, friends, and other relationships.

World History *
(1 Credit, Gr. 10) Required
This is a required class that surveys the history of the ancient world through modern times. Special emphasis will be given to a number of topics throughout the year. A historical knowledge of the background of the world, gives each student a better understanding of the situations currently existing in today's world.

World Geography *
(1/2 credit, Gr. 9)
Required: 9th graders
World Geography is an in depth look at our earth and its variety of land forms, features and peoples that live and interact on and with the earth.

You and the Law **
(1/2 Credit, Gr. 9-12)
This class is intended as an introductory course to the judicial system in the U. S. Students will study, in a very basic manner, Torts, Constitutional Law, Civil Procedure, Criminal Law and Procedure, Contracts and Property Law.

Note: You and the Law in no way serves as a means of gaining legal advice in any form. The purpose of this course is to simply make the student aware of the fundamental issues and processes in the U.S. legal system by comparing and contrasting individual cases, judicial analysis, as well as legal decisions.

MATHEMATICS
*** Requirement**
**** Elective**

Pre Algebra **
(1 Credit, grade 9-10)
Prerequisite: Teacher Assignment

This course is an introductory algebra class. Many topics will be covered, including review of basic math skills, probability and statistics, and an introduction to algebraic topics such as operations involving algebraic expressions, solving linear equations, graphing, working with square roots and exponents. Students who successfully pass this course may take Algebra I the following year. **(May not count towards college admission.)**

Algebra I **
(1 Credit, Gr. 9-12)

This is the traditional one-year algebra course which is a prerequisite for Geometry. Algebra students will develop skills in equations, graphing, polynomials, exponents, and inequalities within the real number system. It is strongly suggested that students planning to enter a four-year university after graduation take Algebra I.

Geometry **
(1 Credit, Gr. 10-12, 9th with permission)

Prerequisite: Successful completion of Algebra I (C or better is recommended)

This course provides an opportunity to develop logical thinking and to explore connections between algebra and geometry. Students will apply inductive and deductive reasoning to undefined terms, definitions, postulates and theorems to reach conclusions about geometric figures.

Algebra II **
(1 Credit, Gr. 10-12)

Prerequisite: Successful completion of Geometry (C or better is recommended) or C or better in Transitional Algebra

This course provides an opportunity to learn extended algebraic topics in order to develop reasoning and problem solving abilities. Students will enhance their existing algebra skills and develop skills working with rational expressions, irrational and complex numbers, logarithms, and analytic geometry. Students planning to enter a 4-year state university must pass Algebra II.

Trigonometry **
(1/2 Credit, Gr. 11-12)

Prerequisite: Successful completion of Algebra II (C or better is recommended)

This course provides an opportunity for students to expand their knowledge of mathematics and explore applications of various math concepts. Students will develop skills using trigonometric ratios, solving trigonometric equations, proving trigonometric identities and graphing polar functions.

Math Analysis **
(1/2 Credit, Gr. 11-12)

Prerequisite: Successful completion of Trigonometry (C or better is recommended)

This course provides an opportunity for students to expand their knowledge of polynomials, sequences and

series, probability, exponential and logarithmic functions, and complex numbers as time allows.

SCIENCE

* **Requirement**

** **Elective**

Physical Science *
(1 Credit, Gr. 9)

This is an exciting class that will give you a foundation in physics and chemistry with lab work and many hands-on activities. This class is offered at the freshman level and is a good foundational science class. Physical Science is a graduation requirement for graduates beginning in 2004.

Biology I **
(1 Credit, Gr. 10-12)

Biology I is a course that focuses on the study of organisms, their interdependence with the environment and each other, as well as the requirements for survival. The course includes many labs and dissections and, therefore, focuses on the literature in biology as well as the laboratory techniques required to understand the material.

Chemistry I **
(1 Credit, Gr. 10-12)

This class is a general overview of the basic principles (nomenclature, balancing equations, atomic theory, reaction rates, etc.) of chemistry. The foundation laid should ready a student for either Chadwick's Chemistry II class or a general college chemistry class.

Anatomy and Physiology **
(1 Credit, Gr. 11-12)

Prerequisite: Biology I

Anatomy and Physiology is a course centered around human anatomy and physiology. It is a college preparatory class that introduces the junior and/or senior student to the structures and functions of the human body in both a classroom and a laboratory setting. Students become familiar with both the written information in human biology and the laboratory techniques used in its study including dissection.

Physics (Independent E-Study) **
(1 Credit, Gr. 11-12)

Students need to be in Algebra II or Trigonometry

We study how things work, force, motion, electricity, light, etc. We try to connect math with the physics we are learning. We analyze mathematically. We do a lot of lab work.

PHYSICAL EDUCATION AND HEALTH

* **Requirement**

** **Elective**

Coed Basic Physical Education *
(1 Credit, Gr. 9)

Required: 9th graders; course cannot be repeated.

A co-educational course designed to allow the student the opportunity to participate in a program emphasizing physical fitness and providing students with knowledge of numerous game and activity rules, techniques, and strategies. (*JROTC 1 unit may be counted as a PE credit after completion of Coed Basic PE*).

Aerobic Fitness and Lifetime Fitness **
(1/2 Credit, Gr. 10-12)

Prerequisite: Health, Coed Basic P.E.
This course is available to those students desiring to improve their physical fitness through various aerobic activities. This course will give students a practical and effective perspective of fitness. They will learn the underlying fundamentals of fitness for life including strength, endurance, flexibility and cardiovascular conditioning. The aerobics and weight training machines are a focus during this unit.

Adaptive P.E. **HS4001** **
(1 Credit, Gr. 9-11)

This class is for those students who have motor impairments which prevent them from attending regular P.E. classes. Students must be identified by the district and have a current Individualized Education Plan. The class allows students to explore movement and motor functioning while incorporating basic sports skills.

Weight Training (Body Conditioning) **
(1 Credit, Gr. 9-12)

Prerequisite: Basic Coed PE, Health and a doctor's physical is required before class begins.
A class designed to teach basic weight lifting techniques which will improve strength, endurance, flexibility and conditioning. May be repeated for credit.

Health *
(1/2 Credit)

Required: 9th graders
The health curriculum focuses on the mental, physical, social and emotional areas of health. These health areas and current health issues are studied to help students make responsible decisions toward their overall wellness.

FINE ARTS

* **Requirement**
** **Elective**

Art I **
(1 Credit, Gr. 9-12)

Prerequisite: 1st Semester must be taken prior to 2nd Semester
Art I is a 1 year requirement course where students will be taught the basic principles and elements of art as they relate to painting, drawing, sculpture, pottery, graphic design, and printmaking.

Art II **
(1/2 Credit, Gr. 10-12)

Prerequisite:

Students will explore a diversity of styles in order to draw his/her interpretation of the subject matter. He or she will also use a variety of materials and approaches in order to solve the problem of drawing forms on a two dimensional plane. Students will continue to explore the basic principles and elements of art as they relate to painting, drawing, sculpture, pottery, graphic design, and printmaking.

Advanced Art **
(1 Credit, Gr. 10-12)

Prerequisite: Drawing I
Students will explore basic composition principles through theory and practice of drawing and painting from still life, nature, portraiture, figure and the imagination. The course stresses personal experimentation in a variety of common drawing and painting media. 2-Dimensional Design presents art students with problems in image making and design development, which are patterned after commercial applications. Students' will use a variety of media to explore the world of process developed art. Emphasis will be placed on the four processes of printmaking and computer-generated art.

Music

Choir **
(1 Credit, Gr. 9-12)

Prerequisite:
Choir focuses on the singers in 9th and 12th grade. This group will participate in District and State Festivals as well as approximately 3 major concerts per year. All concerts and contest are required.

PRACTICAL ARTS

* **Requirement**

** **Elective**

Business

Business Technology I, II, III **
(1 Credit, Gr. 10-12)

Introduction to Business introduces students to various aspects of business including marketing, management, financial management and business ownership. The class helps prepare students to be wage earners and consumers and to make business and economic decisions. This cutting-edge course is the fundamental, basic computer course for students interested in learning more about the ever-changing world of computer technology. The course begins with an overview of computers and progresses to studying Internet/www search techniques, application software, system unit components, PDA's, input and output, digital imaging and video technology, storage, operating systems, networks, programming and a look at the variety of careers in the computer field. Business Tech II and III build upon these components.

Personal Finance *

(1/2 Credit, Gr. 11-12)

Note: Required for the class of 2010 and beyond.

This course will provide students with practical life skills needed on a daily basis. Students will learn about income and taxes, checking and savings accounts, using credit wisely, managing money, investing, purchasing insurance, housing, buying cars and more. Students with a basic understanding of finance are more confident and competent in making financial decisions. Be prepared for the independence of being on your own in the near future.

Business Technology II and III **

(1 Credit, Gr. 10-12)

Prerequisite: Successful completion of Keyboarding A or B or Computer Applications

This course allows students to develop skills in using desktop publishing software to learn/utilize the fundamentals of layout, design and use of font, color and graphics. Students will produce a variety of documents including brochures, flyers, magazine covers, business cards, web pages and more. Students will analyze the audience to effectively communicate the desired message. Business Tech III builds upon previous learning.

Vocational Agriculture

Agriculture Classes may vary from year to year

Agricultural Science I **

(1 Credit, Gr. 9-11)

A course designed for instruction in animal science, careers, leadership and supervised agricultural experiences. FFA is a core component of the agriculture program.

Agricultural Science II **

(1 Credit, Gr. 10-12)

A course designed for instruction in plant science, soil science, and food technology with additional instruction in leadership and supervised agricultural experiences.

Agricultural Construction **

(1/2 Credit, Gr. 10-12)

Prerequisite: Agricultural Science I

This course utilizes welding and woodworking in the development and construction of major metal and wood shop projects.

Agricultural Management and Economics **

(1/2 Credit, Gr. 10-12)

Prerequisite: Agricultural Science I

This course combines economic principles, Missouri agricultural law pertaining to land ownership and business management.

Agricultural Sales and Marketing **

(1/2 Credit, Gr. 10-12)

Prerequisite: Agricultural Science I

Human relations, career in selling and other experiences necessary for employment in agri-businesses engaged

in marketing, purchasing, and transporting supplies and products are included in this course.

Agricultural Structures **

(1/2 Credit, Gr. 10-12)

Prerequisite: Agricultural Science I

This is a study of basic principles of building construction. May include construction of projects.

Animal Genetics and Physiology **

(1/2 Credit, Gr. 10-12)

Prerequisite: Agricultural Science I

A course designed to study about animal physiology, genetics, and the importance of modern genetic engineering techniques on the future of the livestock industry.

Animal Nutrition **

(1/2 Credit, Gr. 10-12)

Prerequisite: Agricultural Science I

This course includes the following aspects of nutrition: Nutrient I.D., balancing rations for different species of livestock, and adding minerals and antibiotics to the ration.

Animal Science **

(1 Credit, Gr. 10-12)

Prerequisite: Agricultural Science I

Advanced study in animal production, management, marketing, selection and biotechnology may be included in this course.

Equine Science **

(1 Credit, Gr. 10-12)

Prerequisite: Agricultural Science I and II or current enrollment in Ag Science II

Equine Science will deal with the latest concepts of owning and managing a horse. This course will emphasize principals involved in selection, health management, facilities, nutritional management, exercise physiology, reproduction, tack, equipment and business management. Units of instruction will consist of hands-on activities with laboratory exercises or field work with local equine businesses.

Forestry **

(1/2 Credit, Gr. 10-12)

Prerequisite: Ag. Science I

This course includes the following aspects of forestry: economic and environmental importance, safety, tree I.D., and the marketing of standing timber.

Floriculture **

(1 Credit, Gr. 12) **(double block semester course)**

Through hands on experience this semester course will provide students with practical experience in selecting and using floral materials. This course is designed to take students from basic to advanced floral design. Students will also gain knowledge and skills in various aspects of floral production and greenhouse management.

Horticulture (Greenhouse) **
(1/2 Credit, Gr. 10-12)
This course is designed for those students wishing to acquire knowledge and skills in the area of plant science and horticulture. Students will gain hands on experience while working in the greenhouse lab. Included in the course are units on plant identification, anatomy, physiology, propagation, pest control, and greenhouse management.

Landscaping **
(1 Credit, Gr. 12) **(double block semester course)**
This semester course focuses on plant materials and their use. Students will create landscape designs through drawings advancing to the Landscape Pro computer program. Students will gain knowledge and experience in installation and/or maintenance of a landscape and will propagate different types of ornamental landscape plants using various techniques.

Welding **
(1/2 Credit, Gr. 10-12)
Prerequisite: Ag. Science I
Units in this course include beginning electric welding, oxyacetylene welding, and Mig welding. May also include construction of projects.

Note: Not all agriscience classes will be offered each year. Classes may be offered on alternating years.

GENERAL OFFERINGS
* *Requirement*
** *Elective*

CAREER OPPORTUNITIES *

(1/2 Credit, Gr. 9)
Required: 9th graders
This course teaches each of us how to develop and carry out a plan for living and working in today's society. The course includes analysis of society and the workplace, one's skills and abilities, personal reflections of interests, and the life and work style that is best for each individual.

INDEPENDENT STUDIES **
Independent Studies is offered as part of the elective class offering at Chadwick High School. It is limited to those students meeting minimum eligibility criteria as outlined in the District Policies and Procedures Handbook for the Chadwick R-I Public School Gifted Program.
During this time, the student will engage in independent research involving acceleration in appropriate subject areas, concentrated studies in areas of resources, and/or other activities which serve to meet his/her special needs as a gifted student.

A+ TUTORING **
(1/2 Credit, Gr. 11-12)
Prerequisite: Students must pick up an application from the A+ Office and attend an A+ Tutoring Orientation workshop the first or second day of each semester in which they are enrolled.
This course is designed to assist students in completing the 50 hours of school-based tutoring required for the A+ eligibility for financial incentives. Students will learn responsibility, the ability to work with others and how to become an effective tutor. **(Practical Arts Elective) Limit 1 per semester. Students must make application and be approved through the A+ office prior to scheduling.**

GIBSON TECHNICAL CENTER

386 West Highway 76
Reeds Spring, MO 65737
Phone: 417-272-3271, Fax: 417-272-1529
Reeds Spring, Missouri
Mr. Don York, Director

Vocational/Technical Courses

Juniors and seniors may earn three credits each year by attending OTC Career Center in Reeds Spring. Chadwick R-I School District pays the tuition and provides transportation. Chadwick students attend the morning session. **Students are required to ride the bus transportation provided by the school.** Course descriptions and applications may be obtained in the Counseling Center and are due by February (of sophomore year) for the following fall. Admission to some courses will also require an assessment and/or interview at Gibson Technical Community College (early application advisable). Some classes include articulation credits for college credit.

Course offerings include:

Course Index

Auto Collision Technology

Automotive Technology

Building Maintenance

Business Technology

Computer Technology

Construction Technology

Culinary Arts

Health Technology

Law Enforcement

Marine Technology

Licensed Practical Nursing

Printing Technology

Welding Technology

Auto Collision Technology

The Auto Collision Technology program is intended to give students a broad scope of experience in the field of auto body repair and refinishing. The students gain an understanding of how cars and trucks are constructed through shop work which includes sheet metal straightening, welding, fiberglass and plastic work, panel replacement, as well as painting and refinishing.

Automotive Technology

The Automotive Technology program is intended to give the students a broad scope of experiences in the field of automotive operation, maintenance and repair. The Automotive Technology program is a one year program for adults and a two year program for juniors and seniors in high school.

Building Maintenance

The building Maintenance program is structured and designed to give the students a variety of experiences in the field of Building Maintenance. Instruction consists of classroom lecture with major emphasis on supervised hands on training at the job site.

The building Maintenance program is a one or two year class for secondary or adult students interested in seeking employment in building maintenance careers.

Business Technology

The Business Technology program is divided into Business Technology I and II. Basic business related skills are developed in the first year and then students may explore the development of specialized skills their second year.

Major units the 1st year are:

- * Beginning word processing
- * Records management
- * Principles of accounting (emphasis on automated methods)
- * Basic office skills:
Communicative skills
Ten-key calculator

Computer Technology

The Computer Technology Management program provides students with a wide range of knowledge and learning experiences in the field of computer technology. This course instructs students in the basics of computer technology, then encourages further exploration of advanced disciplines.

Computer Technology Management is a one year course for adult students and a two year course for Juniors or Seniors in high school.

Major Units are:

- * Safety
- * Computer Theory
- * Computer Operation
- * Hardware Installation and Maintenance
- * Software Installation and Maintenance
- * Computer Programming
- * A+ Certification Training

Construction Technology

The Construction Technology program is designed to acquaint students with all phases of construction. Instruction consists of classroom lecture and supervised hands-on training at the job site. Students enrolled in the program assist in the construction of a house each year from framing to painting and trim work. Students are expected to furnish a few basic tools for their personal use during class.

Major units are:

- * Safety
- * Blueprint reading
- * Use of power and hand tools
- * Foundations, insulation
- * Framing, roofing and flooring
- * Installation of doors and windows
- * Interior and exterior walls
- * Trim, painting and finish work

Culinary Arts

The Culinary Arts program is a two year program for juniors and seniors in high school or a one year program for adults. It is designed to give the student a working knowledge of all phases of restaurant work and management. The class is able to get hands-on experience by operating their own restaurant open to the public on Tuesdays through Thursdays.

Major units are:

- * Safety and sanitation
- * Dining room service
- * Production
- * Menu planning
- * Food preparation
- * Inventory
- * Cost and portion control
- * Job seeking and keeping skills

Health Technology

Health Occupations is a one year exploratory class for seniors (an extended program is available with early entry for disabled or disadvantaged students). One of the program goals is to help each student examine their own personality and abilities to find the health career that they would find most rewarding. Students may use the knowledge gained in this class to go immediately to work as a health care assistant or to acquire admission and success in a more advanced health career program. Students must furnish their own uniforms, shoes, and watch for clinical experience.

Major Units Are:

- * Skills of the Health Care Assistant
- * Career opportunities
- * Anatomy and Physiology
- * Communications & professional ethics
- * Certification testing to become a Certified Nurse Assistant

Law Enforcement

The Basic Law Enforcement Course sponsored by the Missouri Sheriffs' Association Training Academy runs from January to October each year. The class meets on Tuesday and Thursday evenings from 6-10 pm, Saturdays from 8-5 pm, and a few selected Sundays.

This 640- hour training program will qualify the student to take the P.O.S.T. exam for a Class A Peace Officer License. Topics include: Legal Studies, Missouri statutes, Ethics, Criminal Investigation, Firearm Training, and much more.

Marine Technology

This course is intended to prepare the student for an entry level position in the marine field. The student will learn the basic knowledge and skills necessary for the minor repair of the two cycle and four cycle engines. The course will cover estimating, terminology, tools, tune-up, maintenance and troubleshooting. Actual work experience will be accomplished by working on training engines and customers engines.

Although an excellent textbook is used, the program emphasizes "hands-on," practical training. Most of the program content is presented through lectures, slides, films, videotapes, demonstrations, and laboratory work which helps to provide a complete understanding of course work. This is particularly important for those students who prefer to learn by doing, listening, and observing. Most important, students learn where the information can be found in shop manuals and other references.

Licensed Practical Nursing

The School of Practical Nursing is sponsored by the Vocational Education Department of the Reeds Spring School District, in cooperation with the hospitals in the Springfield and Branson area, and other health agencies. The school offers a basic one-year course in practical nursing, and is approved by the State Board of Nursing and the State Department of Education. Classes are in session five days a week, Monday through Friday for the first 4

months and then 4 days a week, Monday through Thursday for the remaining 8 months. Classes begin in July of each year.

First Semester (4 months)

- * Fundamentals of Nursing
- * Anatomy and Physiology
- * Nutrition
- * Personal and Vocational concepts
- * Pharmacology

Second Semester (8 months); Theory & Clinical Experiences

- * Medical-Surgical Nursing
- * Geriatric Nursing
- * Administration of Medications
- * Pediatric Nursing
- * Obstetric Nursing
- * Contributory / Selected Observational Experiences
- * Leadership / Management

Completion

Successful completion of the program does not guarantee eligibility to take the State licensure examination. Each student will be responsible to submit their own application for approval to take the licensure examination to receive a Licensed Practical Nurse license.

Printing Technology

The Printing Technology course is intended to give students a broad scope of experiences in the graphic arts that will prepare the students for a vocation in the field of printing.

Printing Technology is a two year course for juniors and seniors in high school and a one year course for adults. The class a one year course for adults. The class meets for a total of 1080 contact hours.

Major units are:

- * Introduction to printing processes
- * Design, layout and composition
- * Process camera and darkroom procedures
- * Stripping and plate-making
- * Offset press operations
- * Binding and finishing
- * Opportunities for employment

Welding Technology

The welding technology program is designed as a one or two year course for are juniors, seniors or adults. In addition to training on the four basic welding processes, students will learn blueprint reading and advanced fabrication techniques. Each student will practice hand manipulative skills to develop successful welding techniques.

Major units are:

- * Shop safety
 - * TIG, MIG
 - * Metallurgy
 - * Welding symbols & print reading
 - * Stick arc welding
 - * Cutting, fitting & fabrication
 - * Acetylene cutting & plasma cutting
 - * Opportunities for employment
- Interest & Skills

A student must be willing and interested in seeking employment in the welding field

- * Good manual dexterity & good hand-eye coordination
- * Average reading & math skill
- * Ability to concentrate on details for long periods
- * Be physically able to bend, stoop and work in awkward positions

MISSOURI COLLEGES ACCEPTING A+ STUDENTS

1. **North Central Missouri College**
<http://www.ncmc.cc.mo.us>
1301 Main Street
Trenton, MO 64683
2. **Moberly Area Community College**
<http://www.macc.cc.mo.us>
101 College Avenue
Moberly, MO 65270-1304
3. **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 64015-7242
- Longview Community College**
<http://www.kcmetro.cc.mo.us/longview>
500 SW Longview Road
Lee's Summit, MO 64081-2105
- 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 64111-2764
4. **State Fair Community College**
<http://www.sfcc.cc.mo.us>
3201 West 16th Street
Sedalia, MO 65301
5. **Crowder College**
<http://www.crowdercollege.net>
601 Laclede
Neosho, MO 64850
6. **Three Rivers Community College**
<http://www.trcc.cc.mo.us>
2080 Three Rivers Boulevard
Poplar Bluff, MO 63901
7. **Mineral Area College**
<http://www.mac.cc.mo.us>
P.O. Box 1000
Park Hills, MO 63601
8. **Jefferson College**
<http://www.jeffco.edu>
1000 Viking Drive
Hillsboro, MO 63050
9. **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
10. **St. Charles County Community College**
<http://www.stchas.edu>
4601 Mid Rivers Mall Drive
St. Peters, MO 63376
11. **East Central College**
<http://www.ecc.cc.mo.us>
1964 Prairie Dell Road
P.O. Box 529
Union, MO 63084
12. **Gibson Technical Community College**
<http://www.otc.cc.mo.us>
1001 Chestnut Expressway
Springfield, MO 65802
13. **Missouri Western State College**
<http://www.mwsc.edu>
4525 Downs Drive
St. Joseph, MO 64507
14. **MSU- West Plains Campus**
<http://www.wp.smsu.edu>
128 Garfield
West Plains, MO 65775
15. **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 2007 – 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 not qualify for the A+ program

Avila College

\$1,000 annually for four years in addition to other academic athletic and performance scholarships for which they qualify. Scholarship available to first time freshmen.

Kansas City, MO 1-816-501-2420

University of Central Missouri

\$625 per semester with 21 on ACT. It is renewable with a 3.25 GPA and taking a minimum of 12 hours per semester. Available to freshmen within nine months of their high school graduation date. Priority deadline application is Dec. 1.

Warrensburg, MO 1-800-729-2678

Columbia College

A+ qualifiers who transfer from a Missouri two- year college and used the A+ grant to earn an Associate of Arts or Science degree or 60 with 3.0 GPA will receive a renewable one-third tuition scholarship. Renewable for one year.

Columbia, MO 1-573-875-7354

Drury College

Lebanon and Rolla campuses only. Partial Scholarship to high school students completing A+ requirements.

Rolla, MO 1-573-368-4959

Lebanon, MO 1-471-532-9828

Missouri Southern State University

Entering freshmen may qualify for A+ Leadership Scholarship valued at \$1,000 per year. Total of 100 per year on a first come, first served basis. Can be combined with other academic scholarships or performance awards. Requirements are ACT of 21 or higher or top half rank in class or 2.25 GPA on 4.0 scale. Renewable with 2.5 GPA.

Joplin, MO 1-866-818-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 1-816-271-4200

Northwest Missouri State

\$2,000 for A+ qualifiers, or \$1,000 if receiving other scholarships.

Maryville, MO 1-800-633-1175

Park University

A+ qualifiers receive point adjustment on GPA for ranking consideration for scholarships.

1-Parkville, MO, 816-741-2000 X 6294

Southeast Missouri State University:

Malden, Sikeston and Kennett (two-year)

Campuses participate in the State A+ program.

Missouri State University

West Plains Campus only - full A+ benefits.

1-417-255-7255

Stephens College

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

Truman State University

\$1,500 per year for A+ qualifiers with 3.3 GPA and 25 ACT. Limited number available so apply early.
Kirksville, MO 1-800-892-7792

Webster University

\$2,000 per year for A+ Scholarship only with 21 ACT or 950 SAT for A+ qualifiers with 3.3 GPA and 25 ACT. With an academic scholarship the A+ award is \$1,000. Renewable for three additional years.
Webster Groves, MO 1-800-753-6765 or 314-961-2660 ext. 8723

William Jewell College

\$1500 per year (beyond the variable amount scholarships) for A+ qualifiers transferring from Community College.
Liberty, MO 1-816-781-7700

William Woods University

\$1,000 per year for A+ qualifiers, renewable.
Fulton, MO, Undergraduate Admissions
1-800-995-3159

Chadwick R-I School District does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. Inquires related to District's programs may be directed to the Chadwick R-I School District, Title IX Coordinator, 7090 State Hwy 125 S, Chadwick, Missouri 65629; telephone number 417 634-3588.

