

WALKER HIGH SCHOOL COURSE GUIDE

2009 – 2010 School Year

2009 – 2010
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MINIMUM GRADUATION REQUIREMENTS

The Louisiana Legislature and BESE set the minimum requirements for high school graduation. To find the requirements you must meet, please refer to the “Louisiana High School Graduation Requirements” and “Louisiana High School Diploma and Diploma Endorsement Requirements” on the WHS web site. If you do not have access to the school web site, you can request a copy from your guidance counselor.

CORE 4 GRADUATION REQUIREMENTS

Students who entered 9th grade during the 2008 - 2009 school year have the opportunity to follow the Core 4 graduation requirements. This curriculum is more rigorous and requires more Carnegie units for graduation. Core 4 information is available on the WHS web site. If you do not have access to the school web site, you can request a copy from your guidance counselor.

5-YEAR EDUCATION PLAN AND CAREER OPTIONS LAW (ACT 1124)

Act 1124, which was enacted by the Louisiana Legislature in 1997, requires the completion and annual review of the 5-Year Education Plan by every student in Louisiana public high schools. The purpose of the Act is to

expose students to possible career options and to require that they take courses that are aligned with their career interest. Career majors and areas of concentration offered at Walker High School are as follows:

Career Cluster of Agriculture, Food, and Natural Resources includes areas of concentration of Agriculture Production, Agriculture Management, and Animal Science.

Career Cluster of Architecture and Construction includes areas of concentration of Drafting and Carpentry and Construction.

Career Cluster of Arts, A/V Technology, and Communication includes areas of concentration of Interiors and Furnishings, Liberal Arts, and Performing Arts.

Career Cluster of Business Management and Administration includes areas of concentration of Administrative Support.

Career Cluster of Education and Training includes the area of concentration of Advanced Studies.

Career Cluster of Finance includes the area of concentration of Economics.

Career Cluster of Government and Public Administration includes the areas of concentration of Criminal Justice.

Career Cluster of Health Science includes the area of concentration of Nutrition and Foods, Nursing, and Pharmacy Technician.

Career Cluster of Human Services includes the areas of concentration of Management of Family Resources and Child Development.

Career Cluster of Information Technology includes the areas of concentration of Information Systems.

Career Cluster of Manufacturing includes the area of concentration of Welding.

Career Cluster of Marketing, Sales and Service includes the area of concentration of Marketing and Sales Management.

Career Cluster of Science, Technology, Engineering, and Mathematics includes the areas of concentration of Engineering.

Career Cluster of Transportation, Distribution, and Logistics includes the area of concentration of Automotive Technology.

GEE/EXIT EXAM

In addition to earning the required number of Carnegie units of credit, students in Louisiana public schools must also score at least at the “Approaching Basic” level of the GEE (Exit Exam) on the English Language Arts and Math tests, and either the Science or the Social Studies test. Free after-school tutoring is provided to all students who do not meet the minimum standards.

END OF COURSE TESTS

The Louisiana EOC tests, recommended by the Louisiana High School Redesign Commission, are designed to ensure consistent and rigorous instruction and expectations for high school students across the state. All EOC tests are administered online. Students enrolled in the following four courses are required to take the EOC test: Algebra I, Part 2, Algebra I, English II and Geometry.

REGENTS SCHOLAR CERTIFICATE OF RECOGNITION

Students who complete the Regents curriculum will receive a certificate and recognition at graduation. The Regents and TOPS curricula are the same; however, the Regents GPA requirement is 3.5. The Regents information is available on the WHS web site. If you do not have access to the school web site, you can request a copy from your guidance counselors.

REQUIREMENTS FOR COLLEGE ADMISSION

While requirements will vary with all four-year universities, all campuses will require entering freshmen to have completed the Board of Regents (TOPS) high school core curriculum. Minimum admission requirements (other than the core curriculum requirements) to Louisiana public universities are listed on the WHS web site. If you do not have access to the web site, you can request a copy from your guidance counselors.

TOPS

Students who meet TOPS (Tuition Opportunity Program for Louisiana Students) guidelines receive tuition to Louisiana public and technical colleges, and partial tuition to LAICU colleges and universities.

IMPORTANT NOTES ABOUT QUALIFYING FOR TOPS:

Students must take certain core courses, score at least the state's average on the ACT (20 for the 2009 graduates), and obtain the required 2.5 or better cumulative GPA calculated by using ONLY the grades earned in the core curriculum courses. Each year the Louisiana Legislature may make changes in the TOPS program requirements; therefore, students and parents should stay apprised of the possible annual changes.

TOPS core curriculum requirements are listed on the WHS web site. If you do not have access to the school web site, you can request a copy from your guidance counselor.

TECH Award TOPS requirements will be furnished upon request.

SLU SCHOLARS PROGRAM

SLU will award tuition waiver scholarships (a maximum of 6 hours per semester) to students who have a minimum GPA of 3.0 and a composite ACT score of at least 24.

To be considered for this program, you must apply for admission to SLU and pay the appropriate application fee; submit your ACT scores, a high school transcript, and a proof of immunization form; complete the separate application, indicating your course preferences; and obtain your high school principal's signature. Students are reminded that the courses are offered on a seat availability basis.

ACCEPTANCE INTO HONORS COURSES

In order to be eligible for honors courses at Walker High, a student must meet all the following criteria--

1. Request the class.
2. Have parent approval.
3. Have at least a B average or a 3.0 GPA in all course work.
4. Have at least a B in the previous class in the subject requested.
5. Have standardized test scores which reflect the ability to comprehend and think critically.

(Standards #3 and #4 above may be raised depending on class demand.)

ADVANCED PLACEMENT

Students who show exceptional ability in math will have the

opportunity to take an Advanced Placement class and test to earn college credits. Courses offered are in Calculus AP.

EARLY DISMISSAL

Seniors are required to schedule four (4) courses per term unless they are in General Marketing Education, or earning college or vocational school credits.

CLASS SELECTION AND CHANGES

Students are urged to make careful course selections **because students are not allowed to make unnecessary schedule changes once the schedules are made.** The annual academic master schedule is based on course requests made by the students during the scheduling process; therefore, only changes deemed absolutely necessary will be made. Classes may be changed by the administration in order to balance teaching loads or for other administrative reasons. **Students who do not return their scheduling materials as requested will be scheduled by someone in administration.**

If students choose any of the following courses and there is a sufficient number of requests so that the classes "make" and are put into the master schedule, students will NOT be allowed to opt out of any of these classes because annual teaching assignments are made based on students' requests. Those classes are Advanced Math, Advanced Math/College Algebra, Algebra III, Calculus AP, College Chemistry, College English 101, and Physics.

School counselors can provide more information on the following to qualified students: articulation agreements, dual enrollment, and gifted and talented identification.

SPECIAL EDUCATION

Special education courses are not listed in this guide. They will be explained by the teacher when the IEP committee convenes for each special education student. When a special education student is earning Carnegie units, he/she will be required to meet the same course requirements as regular education students in the same class.

OPTION III

Option III is a pre-GED skills option program that is an alternative to regular education. A student who successfully completes this option will receive a Louisiana Equivalency Diploma (GED) and/or a Skills Certificate, not a standard Louisiana high school diploma. To enter this program, a student must be 16 and meet one or more of the following criteria:

- A. Failed 8th LEAP 21 ELA or math;
- B. Failed one or more portions of the GEE (exit exam);
- C. Participated in out-of-level testing or alternative assessment;
- D. Earned not more than 5 Carnegie units by age 17, not more than 10 by age 18, and not more than 15 by age 19.

There is usually a waiting list for this option. For more information on Option III, see your guidance counselor.

COURSE OFFERINGS FOR 10TH GRADE

REQUIRED COURSES

One English course from the following choices:

Students in all English classes will pay a \$2.00 English fee.

English II—Students will be required to take an end of course test that may affect their final grade.

English II Honors— In addition to what is covered in English II, the student is required to complete a short research project. See “Acceptance Into Honors Courses” on page 2. Students will be required to take an end of course test that may affect their final grade.

One math course from the following choices:

Students in all math courses will pay a \$3.00 math fee.

Algebra I—This course is for only those students who did not pass this course at Walker Freshman High School. Students will be required to take an end of course test that may affect their final grade.

Grade Level—10

Algebra I, Part 1—This course is for only those students who did not pass this course at Walker Freshman High School.

Grade Level—10

Algebra I, Part 2—This course is the continuation of Algebra I, Part 1. It is **not recommended** for students who are working to meet TOPS requirements. This course must be taken by all students who passed Algebra I, Part 1. Students will be required to take an end of course test that may affect their final grade.

Prerequisite—Credit in Alg. I, Part 1

Grade Level—10

Algebra II—This course should be taken by the college-bound student who has done well in all previous math courses.

Prerequisite—Algebra I or Algebra I, Part 2

Grade Level—10 - 12

Algebra II Honors—Students who have exhibited a high level of math ability and maturity in previous math courses and who plan to enter a field which requires more than the minimum college math courses should schedule this course. See “Acceptance Into Honors Courses” on page 2 of this guide.

Grade Level—10 - 11

Geometry—Topics covered in this course are points, lines, planes, basic definitions, proofs, making use of axioms, postulates, and theorems. Students will be required to take an end of course test that may affect their final grade.

Prerequisite—Alg. I or Alg. I, Part 2

Grade Level—10 – 12

Geometry Honors—This course covers all the material covered in the basic geometry class but at an accelerated pace. Students must have passed the Algebra I end of course test before

taking this course. See “Acceptance Into Honors Courses” on page 2 of this guide. Students will be required to take an end of course test that may affect their final grade.

One science course from the following choices:

Students enrolled in any science class other than the Agriscience classes will pay a \$10.00 lab and technology fee.

Agriscience I—This course provides students with basic knowledge of agriculture and the science applications in agriculture. Supervised agricultural experience programs and the FFA leadership activities are integral components. Membership in FFA is required.

IMPORTANT NOTE: Credit in this course and Agriscience II counts as one science credit towards graduation. Credit in this course alone gives the student one elective credit.

Grade Level—10 - 12 Fee—\$15.00

Agriscience II—This course provides students with basic knowledge of agriculture and the science applications in agriculture, including units in animal science, soil science, plant science, agricultural mechanics, and agricultural leadership. Membership in FFA is required.

IMPORTANT NOTE: Credit in Agriscience I and this course counts as one science credit towards graduation.

Prerequisite—Agriscience I

Grade Level—10 - 12 Fee—\$15.00

Biology—All sophomores at WHS will be scheduled into this required course unless they are scheduled into Biology Honors. This course explores the characteristics and life cycles of organisms and explains their relationships with each other and their environment.

Prerequisite—Physical Science

Biology Honors—This course is designed for the more serious, college-bound student. Course content will include all material included in Biology, while taking a more in depth look at the major biological concepts. Students are required to do independent research and projects. See “Acceptance Into Honors Courses” on page 2 of this guide.

Prerequisite—Physical Science

Required social studies courses:

Students enrolled in any social studies class will pay a \$2.00 departmental fee.

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Civics—This one-unit course is required for graduation.

Grade Level—10 - 12

Free Enterprise/Economics—This one-unit course is a graduation requirement for all Walker High students.

Grade Level—10 - 12

Required health and physical education courses:

All sophomores must schedule physical education unless a current yearly medical excuse is provided.

All PE courses require a \$1.00 fee and a \$17.00 uniform.

Health Education—This one-unit course is required for graduation. In this course, students learn about the functions of the human body with some emphasis placed on careers in health-related areas. Decision-making dealing with tobacco, alcohol and drug use is also emphasized. Cardiopulmonary resuscitation (CPR) is a required subject area.

Grade Level—10 - 12 Fee—\$2.00

Physical Education—Walker High School students will earn 2 credits in P.E. for graduation.

Grade Level—10 - 12

Fee—\$1.00 plus \$17 PE uniform

ELECTIVE COURSES for 10th Grade

BUSINESS

Business Computer Applications—This course is designed to acquaint students with the advanced principles associated with information processing. Topics of study include computer concepts, word processing, spreadsheets, and database and presentation software applications.

Prerequisite—Intro. to Bus. Comp. App.

Grade Level—10 - 12

Entrepreneurship—(Students will run The Green and White Cookie Site.) This course explores types of businesses, ways to enter business, how to set up and organize a new business, and problems faced in running your own business. Students must join DECA. Students may co-op and receive 4 credits; 2 credits may be earned without the co-op. No half-year credit will be given. **Students who do not complete both terms of this course will receive a failing grade. Also, students who choose the co-op option will NOT be**

released from the co-op agreement; it is a full year commitment.

Prerequisite—Credit in or simultaneous enrollment in Intro. to Bus. Comp. App., application, and teacher approval

Grade Level—10 - 12

Fee—\$25.00 DECA dues

Introduction to Business Computer Applications—This course will provide the students with basic computer application skills.

Grade Level—10 - 12

Marketing—(Students will leave after 2nd Block to go to a job; they will be monitored and evaluated by the teacher.) This course allows students the opportunity for on-the-job experience along with in-class content in marketing. No half-year credit will be given. Students who take this course with the on-the-job training will receive 4 credits. Students may take this course without the on-the-job training and receive 2 credits. **Students who do not complete both terms of this course will receive a failing grade. Also, students who choose the co-op option will NOT be released from the co-op agreement; it is a full year commitment.**

Prerequisite—Application to the coordinator, recommendations, and interview.

Grade Level—10 - 12

Fee—\$25.00 DECA dues

CREATIVE ARTS

Creative Writing I—This elective course will focus on poetry and fiction. Students will produce a portfolio of original writing. A workshop approach using teacher and peer reviews will provide feedback for student writing.

Prerequisite—Must submit an original piece of poetry or fiction and demonstrate competency in English.

Grade Level—10 - 12

Art I—This course is designed to accommodate students with no previous art instruction. The elements and principles of design and composition are introduced.

Grade Level—10 - 12 Fee—\$20.00

Art II—The students will continue developing skills introduced in Art I.

Prerequisite—Art I and permission of instructor

Grade Level—10 - 12 Fee—\$20.00

Band—The band student develops intelligent musicianship because he learns to understand the music which is being performed, as well as learns to play an instrument. The band also helps to develop character by helping students to attain high ideals and to develop self-discipline and *esprit de corps*. Emphasis is on continuing technical development, aimed at

producing a musically sensitive and expressive performance.

Prerequisite—Prior band experience and audition

Grade Level—10 - 12

Fee—\$45.00 uniform rental, includes a T-shirt, polo shirt and shorts; \$50.00 uniform cleaning; and \$35.00 music and transportation fee (total of \$130.00, which **must be paid in full** by the end of the 1st term). In addition, band shoes and gloves must be purchased separately by the student.

Additional requirements—Band camp 2 weeks before school starts. Rehearsals after school. Attendance at all rehearsals and performances. **In addition, students are required to be members for both 1st and 2nd term for a total of 2 credits.**

Choir—Students will learn to sing properly, read and write musical symbols, and sight-read melodies. **This is a whole year course for 2 credits.**

Grade Level—10 - 12

Fee—All of the fee money can be earned through fundraisers. Fees are \$20.00 per term, plus \$50.00 uniform purchase, and \$15.00 choir shirt purchase. (These fees are based on the costs for the 2008-2009 school year; costs may vary slightly for 2009-2010.)

Additional requirements—Audition for district and All-State, and participation in Solo and Ensemble Festival. Attendance at all rehearsals and performances is mandatory.

Theater I—This course will help students appreciate and understand today's theater. Students will participate in all aspects of drama production, including scenery, costuming, lighting, and acting.

Grade Level—10 - 12 Fee—\$5.00

Theater II—This course will provide advanced study for the serious drama student.

Prerequisite—Theater I and permission of instructor.

Grade Level—10 - 12 Fee—\$5.00

Publications I—This is an introductory course to yearbook publication. Students will need proficiency in basic writing, headlining, captioning, feature writing and photography.

Prerequisite—Permission of instructor, exemplary attendance and self-discipline

Grade Level—10 - 12

Publications II—In this course, students are exposed to actual production and publication of the yearbook.

Prerequisite—Publications I and permission of instructor

Grade Level—10 - 12

Speech I—This course includes a wide variety of speaking assignments, including informative, demonstrative, persuasive and entertaining speeches, and an introduction to stage and theater.

Grade Level—10 - 12 Fee—\$10.00

FAMILY AND CONSUMER SCIENCES

Child Development/Advanced Child Development—The emphasis of this class will be placed on the study of the development of the child from conception to age twelve.
Grade Level—10 - 12 Fee—\$10.00

Clothing and Textiles/Housing and Interior Design—The first part of this course introduces students to concepts relating to fabrics, color, clothing care, buying clothes, sewing equipment, and beginning sewing skills. The second part of the course addresses selecting and planning living environments to meet the needs and wants of individuals and families throughout the life cycle.
Grade Level—10 - 12 Fee—\$10.00

Family and Consumer Science I—This course examines multiple life roles and responsibilities as individuals and family members, focusing on areas of personal and family living; wellness, nutrition and foods, financial management; living environments; appropriate child development practices; clothing and textiles; planning and building employability skills; and other skills.
Grade Level—10 - 12
Fee—\$10.00 plus sewing supplies

Family and Consumer Science II—This course enhances the foundational skills introduced in FACS I.
Prerequisite—Family Con. Science I
Grade Level—10 - 12
Fee—\$10.00 plus sewing supplies

Family Life Education/Parenthood Education—The Family Life course addresses development and wellness of individuals and families throughout the life cycle. In the Parenthood Education course, students analyze the rewards, responsibilities, and challenges involved in the parenting role. The importance of the decision to become a parent is reinforced in each unit. Projects, teamwork, and in-class simulations provide opportunities for skill application.
Grade Level—10 - 12 Fee—\$10.00

Nutrition and Foods/Advanced Nutrition and Foods—This course provides students with basic nutrition and wellness knowledge, and basic food preparation skills. Kitchen lab experiences emphasize preparation techniques and nutritional application.
Grade Level—10 - 12 Fee—\$10.00

FOREIGN LANGUAGE

French I—In this course, students will be introduced to the French language and culture. Communication skills will be

developed through listening, speaking, reading and writing.
Grade Level—10 - 12 Fee—\$2.00

French II—This course provides continuing practice in the development of foreign language skills.
Prerequisite—Grade of C or better in French I is recommended.
Grade Level—10 - 12 Fee—\$2.00

Spanish I—In this course, students will be introduced to the Spanish language and culture. Communication skills will be developed through listening, speaking, reading and writing.
Grade Level—10 - 12 Fee—\$2.00

Spanish II—This course provides continuing practice in the development of foreign language skills.
Prerequisite—Grade of C or better in Spanish I is recommended.
Grade Level—10 - 12 Fee—\$2.00

HEALTH AND PHYSICAL EDUCATION

All PE courses require a \$1.00 fee and a uniform consisting of a gold T-shirt with first and last name on the front, green gym shorts or sweat pants, white socks, and tennis shoes. **Uniforms cost \$17.00.**

Athletic Physical Education/Fall—This course is for students who will participate in either football, girls' basketball or boys' basketball.
Grade Level—10 - 12

Athletic Physical Educ./Spring—This course is for students who will participate in either football, girls' basketball, boys' basketball, baseball, or softball. Senior football players will NOT be scheduled into this course.
Grade Level—10 - 12

SCIENCE

Students enrolled in any science class other than the Agriscience classes will pay a \$10.00 lab and technology fee.

Agriscience III—This course is an advanced study in agriscience based on local needs in agriculture, workforce and economic needs. Supervised agricultural experience programs and the FFA leadership activities are integral components and provide opportunities for practical application of instructional competencies. Membership in FFA is required.
Prerequisite—Agriscience I and II
Grade Level—10 - 12 Fee—\$15.00

Agriscience III Lab—This course provides opportunities for the student to utilize skills previously learned and those currently being learned. Students will work under the direction of the instructor to gain practical hands-on experiences in all areas of agriscience that will enhance the students' career cluster or supervised agricultural experience program. Supervised ag. experience programs and the FFA leadership activities are integral components of the course. Membership in FFA is required.

Prerequisite—Credit in or concurrent enrollment in Agriscience III
Grade Level—10 - 12 Fee—\$15.00

Horticulture I—This course is designed to provide students with an overview of the horticulture industry. Credit in this course will count as an elective credit, not a science credit

Prerequisite—Agriscience I or Physical Science
Grade Level—10 - 12 Fee—\$15.00

Small Animal Care and Management—This course is designed to provide students with an introduction to the care and management of small animals.
Prerequisite—Agriscience I or Biology
Grade Level—10 - 12 Fee—\$15.00

SOCIAL STUDIES

Students enrolled in any social studies class will pay a \$2.00 departmental fee.

Law Studies—In this course students will study the following: the legal system, criminal law, juvenile justice, torts (civil lawsuits), and individual rights and liberties.
Grade Level—10 - 12

Native American Studies—Students in this course will study the various cultures of the indigenous peoples of North America from their arrival on our shores through modern times.
Grade Level—10 - 12 Fee—\$3.00

World History—This is a chronological view of history from the earliest civilization to the present. Map work and projects will enrich the class.
Grade Level—10 - 12

TECHNOLOGY EDUCATION

Basic Technical Drafting—Students will learn the use of drafting tools, drafting practices and techniques. Topics will include orthographics, isometrics, topography, mapping and plan-profile.
Prerequisite—Algebra I or Algebra I, Parts 1 and 2
Grade Level—10 - 12 Fee—\$10.00

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Basic Wood Technology—This course includes the basic use of hand tools, and various small machine operation, emphasizing construction procedures and processes through theory and application. Safety is stressed throughout the course.
Grade Level—10 – 12 Fee—\$15.00

Welding Technology—This course is designed to provide students with the opportunity for in-depth exploration in the field of welding. This course will be following the Associated Board of Contractors curriculum, which allows the student to work toward ABC Welding Certification.

Prerequisite—Approval of the instructor
Grade Level—10 - 12 Fee—\$15.00

COURSE OFFERINGS FOR 11TH GRADE

REQUIRED COURSES

One English course from the following choices:

Students in all English classes will pay a \$2.00 English fee.

English III—This course is a survey of American literature. The student is required to complete a research project and read a novel.

English III Honors—Students are encouraged to think critically and analytically as they survey American literature. Writing focuses on style, form and expression. A research paper is required. Students are required to read a minimum of two novels. See "Acceptance Into Honors Courses" on page 2 of this guide.

One math course from the following choices:

Students in all math classes will pay a \$3.00 math fee.

An agreement with LSU allows Walker High to offer College Algebra to qualified Juniors and Senior

Course descriptions for these elective math choices are listed on page 2 of this guide:

Algebra II

Algebra II Honors

Advanced Math/College Algebra—This course, which is primarily computer-assisted, will cover topics in both advanced algebra and trigonometry. At the end of the course, students will take a credit exam to earn credit for College Algebra (Math 1021) at LSU. Students who plan to go to Southeastern may also choose to take the course for dual enrollment credit through SLU. Students who successfully complete this course will earn high school credit in Advanced Math. **See important note on page 2 of this guide.**

Prerequisite—Credit in Algebra II. Also, students must have taken the ACT prior to May 2009 and must have scored an 18 or above on the math portion and a composite score of at least 18, or at least a composite of 17 on the PLAN.

Grade Level—11 - 12
Fee—Approximately \$15 which will pay for the computer login ID.

Advanced Math—This course, which includes advanced algebra topics and a complete overview of trigonometry, is recommended for those students who will need to take Trigonometry and/or Calculus in college. **See important note on page 2 of this guide.**

Prerequisite—Credit in Algebra II
Grade Level—11 - 12

Financial Math—This course is designed to provide a comprehensive review of the fundamental principles using whole numbers, common fractions, and decimals with emphasis on percentages. The course includes calculations regarding selling, buying, commissions, profits, discounts, income tax preparation, banking procedures, consumer information, and other topics pertinent to business transactions.

Prerequisite—2 math credits
Grade Level—11 - 12
Fee—\$18.00 workbook fee

One science course from the following choices:

Students enrolled in any science class other than the Agriscience classes will pay a \$10.00 lab and technology fee.

Biology II—This course is designed for the student who has a strong interest in biology. Students explore advanced topics selected from cellular biology, biochemistry, biotechnology, genetics, microbiology, evolution, behavior, ecology, plant and animal anatomy, and physiology. Research and advanced laboratory techniques are emphasized.
Prerequisite—Biology and Chemistry
Grade Level—11 - 12

Chemistry—This course is designed for the college-bound student and covers the following: atomic theory, properties and families of elements; solutions;

writing and balancing equations; formulas for compounds; mole weight; valence; electron dot formula; gas laws; ionic reaction and bonding; exothermic and endothermic reactions; isotopes; and organic formulas.

Prerequisite—Physical Science, Biology, Algebra I, Algebra II, Geometry and/or currently enrolled in Algebra II
Grade Level—11 - 12

Chemistry Honors—This course covers the same material as Chemistry I although in greater depth of study. See "Acceptance Into Honors Courses" on page 2 of this guide.

Prerequisite—Completion of Physical Science, Biology, Algebra I, Geometry, have taken Algebra II or currently enrolled in Algebra II.

Grade Level—11

Environmental Science—The course emphasis will be on human relationships to the environment (wastes, energy, ecology, resources, pollution, etc.). Students will perform laboratory activities and complete several projects.

Prerequisite—Phy. Sc. and Biology
Grade Level—11 - 12

Physics—This is a lab-based inquiry approach course designed to present a basic college prep class that emphasizes theory and problem-solving equally. The course covers concepts of straight line motion, curved motion, circular motion, forms of energy, types of energy transfer, kinetic theory, waves, and light theory. Class work and lab work are correlated. Scientific calculators are used to solve problems and to create mathematical models. A scientific or graphing calculator is required. **See important note on page 2 of this guide.**

Prerequisite—Algebra II and Chemistry and/or currently enrolled in Advanced Math.

Grade Level—11 - 12

Required social studies courses:

Students enrolled in any social studies class will pay a \$2.00 departmental fee.

American History—This course or American History Honors is required for graduation. This course is a study of the history of the United States from Reconstruction to the present.

American History Honors—This course provides college-bound students with skills and knowledge to deal with expectations of college teachers and college history classes. The course will include a survey of American History, research, and outside projects. See

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"Acceptance Into Honors Courses" on page 2 of this guide.

ELECTIVE COURSES for 11th Grade

BUSINESS

Accounting—This course emphasizes accounting principles as they relate to the basic understanding and skills required in keeping manual and computerized financial records for a business.

Grade Level—11 - 12

Administrative Support Occupations—This course is designed to provide students with the procedures and skills necessary for the operation of a modern office. Job shadowing will be incorporated.

Prerequisite—Intro. to Bus. Comp. App.

Grade Level—11 - 12

Course descriptions for the following business electives can be found on page 4 of this guide:

Business Computer Applications

Entrepreneurship

Introduction to BCA

Marketing

CREATIVE ARTS

Creative Writing I—See page 4 of this guide under 10th grade electives.

Creative Writing II—Students will study the writing craft by analyzing the work of favorite writers and by producing a lengthy portfolio of original writing. A workshop approach using teacher and peer reviews will provide feedback for student writing.

Prerequisite—Creative Writing I

Grade Level—11 - 12

Creative Writing III—Students will focus on revision and publication with an emphasis on development of style. Students will be required to submit pieces to a variety of publications and competitions, and submit a lengthy portfolio. A workshop approach using teacher and peer reviews will provide feedback for student writing.

Prerequisite—Creative Writing II

Grade Level—11 - 12

Art I and II—See page 4 of this guide under 10th grade electives.

Art III—Students will continue developing skills introduced and developed in Art I

and II. They will also be exposed to new techniques and media.

Prerequisite—Art I, II and permission of instructor

Grade Level—11 - 12 Fee—\$20.00

Band—See page 4 of this guide under 10th grade electives.

Choir—See page 4 of this guide under 10th grade electives.

Fine Arts Survey—This course is designed to challenge the college-bound students by giving them an introduction to the four arts (music, art, drama and dance), their history, relationships, and how they each touch our daily lives. Students will be required to write four research-based papers (one for each of the arts). Students should have personal access to the Internet for research. They will also be required to attend (beyond school hours) a classical music concert, a play (drama), a musical or ballet, and to visit a museum.

Grade Level—11 - 12 Fee—\$8.00

Theater I and II—See page 4 of this guide under 10th grade electives.

Publications I and II—See page 4 of this guide under 10th grade electives.

Speech—See page 4 of this guide under 10th grade electives

FAMILY AND CONSUMER SCIENCES

Course descriptions for all the following can be found on page 5 of this guide under 10th grade electives:

Child Development/Advanced Child Development

Clothing and Textiles/Housing and Interior Design

Family and Consumer Science I and II

Nutrition and Foods/Advanced Nutrition and Foods

FOREIGN LANGUAGE

Course descriptions for the following can be found on page 5 of this guide under 10th grade electives:

French I and II

Spanish I and II

French III—This is a continuation of French II. Instruction will focus on advanced conversation, grammar, and reading.

Prerequisite—Grade of C or better in French I and II is recommended.

Grade Level—11 - 12 Fee—\$2.00

Spanish III—This is a continuation of Spanish II. Instruction will focus on advanced conversation, grammar, and reading.

Prerequisite—Grade of C or better in Spanish I and II is recommended.

Grade Level—11 - 12 Fee—\$2.00

HEALTH AND PHYSICAL EDUCATION

Course descriptions for the following can be found on page 5 of this guide under 10th grade electives:

Athletic Physical Education/Fall

Athletic Physical Education/Spring

First Responder—This course is designed to improve the quality of emergency medical care rendered to victims of accidents and illnesses. Topics include airway management, hemorrhage control, immobilization and simple splinting. Oral and written communication skills and medical terminology are reinforced in this course, which will provide a good foundation for the entire EMS system. First Responder Certification is possible upon successful completion of this course.

Grade Level—11 - 12 Fee—\$10.00

Physical Education Elective—This elective P.E. course is taken after completion of the required P. E. courses. Eight hours in CPR are required.

Prerequisite—Required P.E. credits

Grade Level—11 - 12 Fee—\$1.00

SCIENCE

Course descriptions for all of the following can be found on page 5 of this guide under 10th grade electives:

Agriscience III

Agriscience III Lab

Horticulture I

Small Animal Care

Agriscience Elective—This is an advanced study of agriscience topics. Supervised ag. experience programs and the FFA leadership activities are integral components of the course. Membership in FFA is required.

Prerequisite—Agriscience I, II, III and approval of instructor

Grade Level—11 - 12 Fee—\$15.00

Anatomy—This course is definitely for the student who is interested in a health career or a physical education degree. Students will study the human anatomy, and the physiology of vertebrates in

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great depth. Laboratory skills in microscopy and dissection will be emphasized. A passing grade in the class earns the student an elective credit, not a science credit.

Prerequisite—Biology and Chemistry
Grade Level—11 - 12 Fee—\$10.00

Certified Nursing Assistant (CNA)—This course, with emphasis on the adult population, is for students who are interested in a career in health care. There will be classroom time, as well as clinical time spent in nursing homes and hospitals. Students must have their own transportation to travel to Baton Rouge for the clinical hours. This course must be scheduled for two blocks. This class is a prerequisite for pre-nursing at the technology center.

Grade Level—11 - 12 Fee—\$15.00

Forensic Science—This class is for those interested in criminology and solving mysteries employing science. It is designed to survey the many different specialized fields of forensic science. A passing grade in this class earns the student an elective credit, not a science credit.

Prerequisite—Biology
Grade Level—11 - 12 Fee—\$10.00

SOCIAL STUDIES

Students enrolled in any social studies class will pay a \$2.00 departmental fee.

Course descriptions for the following can be found on page 5 of this guide under 10th grade electives:

Law Studies

Native American Studies

World History

Psychology—Psychology is a social science that studies individual patterns of behavior. The course will be the beginning of self-knowledge. Topics to be covered are famous psychologists, theories, dreams, deviant behavior, mental disorders, personalities, and developmental stages.

Grade Level—11, 12

Sociology—This is a course in which students will study human behavior in terms of culture, group relations and community organizations. The student will learn the structure of society and the roles of individuals in it.

Grade Level—11 - 12

TECHNOLOGY EDUCATION

Course descriptions for the following can be found on page 5 and 6 of this guide under 10th grade electives:

Basic Technical Drafting

Basic Wood Technology

Welding Technology

Advanced Metal Technology (Welding)—This course is the advanced study which was begun in Welding Technology. Students will be working toward ABC Welding Certification.

Prerequisite—Welding Technology
Grade Level—11 - 12 Fee—\$15.00

Advanced Wood Technology/Cabinet and Furniture Construction—This course includes advanced project construction with the use of hand tools and machines.

Prerequisite—Grade of A or B in Basic Wood Technology.

Grade Level—11 - 12

Fee—\$10.00 plus wood for any project

Power Mechanics (Small Gas Engines)—

The student will study the maintenance and repair of small gasoline engines. Course work will cover internal and external components of the engine, as well as the importance of proper repair. IMPORTANT NOTE: Some personal hand tools may be required.

Grade Level—11 - 12

Fee—\$15.00 lab fee plus student must provide small engine for study

OTHER ELECTIVES

Office Worker, Guidance Worker—These aide positions for **no credit** are open to juniors and seniors who meet the application requirements.

Prerequisite—Exemplary attendance and discipline and principal's approval
Grade Level—11-12

Juniors may also choose from the electives offered at the Livingston Parish Literacy and Technology Center which are listed on page 9.

COURSE OFFERINGS FOR 12TH GRADE

REQUIRED COURSES

One English course from the following choices:

Students in all English classes will pay a \$2.00 English fee.

Business English (Applied Communications)—This course will provide students with the communication skills needed in a

business environment. IMPORTANT NOTE: This course may be a substitution for English IV or may be taken as an elective; however, LSU, SLU and many other colleges do not accept Business English in place of English IV for admission.

Prerequisite—English I, II, and III and Intro. to Bus. Comp. Applications

English IV—This course for college-bound seniors includes an in-depth study of British literature, including a novel and a Shakespearean play. Students will write a research paper.

Prerequisite—English I, II & III

English IV Honors—This college preparatory course focuses on a survey of British literature within its historical, philosophical, and social contexts. Students are encouraged to become skilled readers of prose and poetry written in a variety of periods and styles. Writing includes exposition, analytical essays, poetry explications, and creative writing. See "Acceptance Into Honors Courses" on page 2 of this guide.

Prerequisite—English I, II and III.

ELECTIVE COURSES for 12th Grade

Electives in Business, Creative Arts, Family and Consumer Science, Foreign Language, Health and Physical Education, Science, Social Studies, Other, and Technology Education are listed with the ELECTIVE COURSES for 10th and 11th grades on pages 4, 5, 6, 7, 8 and 9 of this guide.

College English 101—An agreement with SLU allows Walker High to offer English 101 (Freshman Composition) to graduating seniors who have an ACT English score of 18 or above. This course focuses on the basic principles of expository writing: methods of development, the thesis, the outline and organization, sentence structure and style. Students will receive the letter grade they earn on their high school transcript. Student will receive a "P"(Pass) or "F"(Fail) on their SLU transcript. This is a dual enrollment course. Students will receive a transcript from SLU that may be used at other universities. This course is offered 2nd term only. **See important note on page 3 of this guide.**

Prerequisite—Students must have successfully completed English IV or English IV Honors.

MATHEMATICS

Students enrolled in any math course will pay a \$3.00 math departmental fee.

