



**LCB Academy of Learning
Course Offerings
2008-2009 SCHOOL YEAR**

The following courses are being offered for credit at the LCB Academy during the 2008-2009 SCHOOL YEAR: (Please note that courses offered are subject to the number of student requests)

Entertainment Media #00920(one full credit)

Entertainment Media is a survey of entertainment in the United States from the 1900 – 1960's. Many different media will be explored such as the Silent Era, Radio Era, Black and White Era, the "Talkies", Color, Cinemascope and Cinerama of the 1950's. Students will study how these art forms reflected the society in which they were created. *Class will meet one day a week after school, 4:15 pm – 7:00 pm on Monday. Open to Sophomores, Juniors and Seniors that have taken Art 1 –or- have permission of the instructor.*

Art 3-D Design # 9302 (one full credit) This course will involve the student in the production of hands-on art such as sculpture, pottery, stained glass, paper mache, etc. The course will introduce the background of the medium and include step by step procedures necessary to complete an individual project. *Open to Sophomores, Juniors and Seniors that have taken Art 1 –or- have permission of the instructor.*

Music Mastery 1 #009179 (one full credit) This course offers a unique blend of instrumental and choral music exploration that expands the range of musical experience and performance beyond that found in typical musical courses. Elements of classical, folk, spiritual, jazz, electronic and avant-garde music are components of the curriculum. Performance, composition, appreciation and improvisation are utilized to enhance the preparation of students for music careers or lifelong participation in musical activities. *Schedule of face to face class time will be based on each student and assigned instructor. Open to students sixth grade and above currently enrolled in a music course at the home-based school and/or recommendation by CPSB music teacher/principal.*

Music Mastery 2 # 009180 (one full credit) This Carnegie unit course is an extension of the Academy Music Mastery 1 course. It continues to offer a blend of instrumental and choral music exploration that expands the range of musical experience and performance beyond that found in Academy Music Mastery 1. *Prerequisite: Music Mastery 1*

AP Studio Art #9410 (one full credit) An in depth look at 1D, 2D, and 3D art produced by the student in multiple medias, concentrated around a central idea. Student work will be compiled in a student portfolio which will be submitted to the AP Board for consideration of college credit. *Requires signature of approval of home based school counselor.*

Horticulture I # 009544 (three full credits) A basic course which develops knowledge and skills in the area of: using soil and other growing media; identifying horticulture plants, propagating horticulture plants; basics of growing plants in a greenhouse. Principles and elements of floral design, with practice in creating basic floral designs and using proper techniques, including identification, care, and handling of fresh and silk flowers.

Horticulture 2 # 009276 (3 full credits) This course is an intermediate course which expands on the previous year's course. In depth study on plant disease, control, weeds, and various insects. Growing, planting of both annual and perennials which will be used for fresh cut floral designs. Advanced techniques demonstrated in designing floral designs. Event planning, organizational skills and time management taught at this level as well as basics of the floral industry. *Prerequisite: Horticulture 1.*

Drafting and Design Technology 1 #9250 (3 full credits) An introductory course in technical drawings using CAD (Computer Automated Drawing) as the main drawing system. This course will cover basic drawing skills with emphasis on engineering and architecture. *Open to sophomore, junior, and senior level students.*

Drafting and Design Technology 2 #9337 (3 full credits) An intermediate course in technical drawings in which students will be introduced to various drafting disciplines as architectural, civil, structural, and piping. Completing Drafting 1 and 2 will allow the student to test for an Industry Based Certification (IBC) to be a certified drafter through the American Design Drafting Association. *Prerequisite: Drafting 1. Open to sophomore, junior, and senior level students.*

Drafting and Design Technology 3 (3 full credits) An advanced course in technical drawings which will use a more comprehensive approach to AutoCAD and drafting disciplines. Students will be eligible to test for Industry Based Certification (IBC) through the American Design Drafting Association. *Prerequisites: Drafting 1 –AND- Drafting 2. Open to senior level students.*

First Responder # 9386 (1 credit) This course is designed to improve the quality of emergency medical care rendered to victims of accidents and illnesses. Oral and written communication skills and medical terminology are reinforced in this course through simulated in-school laboratory activities designed to provide opportunities for students to develop clinical skills and appropriate ethical behaviors. Students will be eligible to test for an Industry Based Certification (IBC). *Student must be able to meet state attendance guidelines of the EMS Bureau. Must be able to read and comprehend at the high school level. This course will be taught in conjunction with the EMT Basic course. Course is open to Senior students only.*

EMT Basic # 9492 (2 full credits) This course continues concepts and procedures taught in First Responder including advanced airways. Students who complete and pass this course and test will receive state and national certification. Enrollment is limited. *Prerequisite: First Responder –AND- Instructor recommendation. Course open to Senior students only that will turn 18 by May 1, 2009. This class is a full year class.*



Pharmacy Technician #9494 (2 full credits) This course is primarily a computer-based instructional class. Students completing this course will be eligible to test as a Pharmacy Tech and will be able to assist in a pharmacy. There is a state testing fee required as part of this class. *Prerequisite: Chemistry 1, an ACT score of 20, and must be eighteen (18) years old by July 1 of the year they graduate.*

Sports Medicine 1 # 009364 (one-half credit) This course is designed to provide an overview of the field of sports medicine as well as expose students to fundamental skills involved in a sports medicine healthcare setting. Students will learn about the study of medicine and how the field of sports medicine is unique in its focus and delivery of healthcare. *This is a semester course that will meet for two hours each day. Open to Sophomore and Junior Level students.*

Sports Medicine 2 # 009365 (one-half credit) This course, taught in the second semester, is designed to provide students with an overview of the pathology of sports injuries and the basic management skills. Students will learn about the body's response to an injury and how to apply basic emergency action principles and skills. An emphasis is placed on an athlete's psychological and sociological response to an injury and basic coping strategies utilized by healthcare professions to assist them to recovery. *Prerequisite: Sports Medicine 1. This is a semester course that will meet for two hours each day. Open to Sophomore and Junior level students. Note that Sports Medicine 3, a full credit course will be offered in 2009-10 school year.*

Web Design 1 #7116 (one full credit) An introductory course in the steps involved in planning, developing, designing, and maintaining a web page. *This course meets two hours per day during the fall semester. Prerequisite: Introduction to BCA. Open to sophomore, junior, and senior level students.*

Web Design 2 # 007235 (one full credit) An intermediate level course in Web Design. Students will work with links, create forms and tables, and images, as well as multimedia objects. Students will create digital portfolios. *This course meets two hours per day during the Spring semester. Prerequisite: Web Design 1. Open to junior and senior level students.*

Database Design and Programming # 7270 (full credit) Students in this course will participate in the Oracle Academy in cooperation with the Louisiana Department of Education. This course will investigate relational databases and database design systems. Students completing this course will be eligible to take the Oracle Certified Professional Exam and the Introduction to Oracle9i SQL Exam. *Prerequisites: Algebra 1 –AND- Introduction to BCA. Open to junior and senior level students.*

Television Production 1 # 009263 (3 full credits) This course prepares students to support broadcast managers in the production of materials and programs for broadcasting. Emphasis is placed on conceptual learning as well as developing practical skills critical to the successful operation of various pieces of equipment used in expanded television systems. *Open to sophomore, junior, and senior level students. Note that Television Production 2, a two credit course, will be offered in the 2009-10 school year.*

Early Childhood Education 1 # 009104 (2 full credits) This course prepares students to work with children, birth to 8 years of age. Emphasis is placed on enhancing the development of young children while providing early education and care. Foundation skill development assists students desiring to meet requirements for the Child Development Associate (CDA) credential. *Open to junior and senior level students. Note that Early Childhood Education 2, a two credit course, will be offered in the 2009-10 school year.*

STAR 1 # 009539 (one full credit) This course, Students Teaching and Reaching, is a high school course designed to attract students to the field of education, provide information and field experiences relevant to pursuing a degree in education, and to prepare them for the rigors of a career in education. *Prerequisite: 2.5 or higher overall GPA and acceptance by the STAR Review Panel. Open to junior and senior level students. Note that STAR 2, a full credit course, will be offered in the 2009-10 school year.*

Networking Basics # 007284 (3 full credits) An intermediate level course that teaches students basic computer networking. Students completing this course will be proficient at building a structured network cabling system. *Prerequisites: Algebra 1 –AND- Physical Science.*

Routers and Routing Basics # 007288 (3 full credits) This course is a practical and technical introduction to the field of networking and focuses on initial router configuration, Cisco IOS software management, routing protocol configuration, TCP/IP, and access control lists. *Prerequisites: Networking Basics*

AP English 4 online # 001405 (one full credit) This course, taught by an Academy instructor, will be available online. This is a college level course in which students successfully completing the AP exam (score of 3 or higher) can earn college credit. This course engages students in the careful reading and critical analysis of imaginative literature. A face-to-face meeting with the instructor will be required once each six weeks. *Prerequisite: English 3. Open to senior level students.*

AP Biology 2 online # 003210 (one full credit) This course, taught by an Academy instructor, will be available online. This is a college level course in which students successfully completing the AP exam (score of 3 or higher) can earn college credit. The focus of this course is to provide students with a foundation in the conceptual framework, factual knowledge, and analytical skills needed in college. face-to-face meeting with the instructor will be required once each six weeks. *Prerequisite: Biology 1 – AND- Chemistry 1. Open to junior and senior level students.*



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Physics via compressed video (one full credit) This live interactive course will be taught via live video by an Academy Instructor. Students taking this course should have a successful math background. Emphasis will be placed on vectors, work, energy, physical states of matter, heat, and electricity. *Prerequisite: Algebra 2. Open to junior and senior level students enrolled at Starks, Vinton, DeQuincy, and Bell City High Schools only.*

AP Physics online (one full credit) This course, taught by an Academy Instructor will be available online. This is a college level course in which students successfully completing the AP exam (score of 3 or higher) can earn college credit. Emphasis will be placed on vectors, work, energy, physical states of matter, heat, and electricity. *Prerequisite: Algebra 2. Open to junior and senior level students.*

Louisiana Virtual School Coursework Louisiana Virtual School Courses are offered free of charge to qualifying students. Any student enrolled in an approved CPSB public school is eligible to participate. Students can access the course offerings through the LVS website, www.louisianavirtualschool.net. Students interested in completing coursework through LVS through the summer should contact the Academy as soon as possible at 217.4390 and ask for the Director. Students will be enrolled through the Academy and will complete coursework while working online at the Academy. An Academy instructor will be on-site during the regular school day and after school each day. *Requires written permission from Principal and Counselor.*

African-American History # 002306 (one full credit) This course is an historical presentation of the African-American's struggle for equality and justice in the United States. Students will study the historical significance and achievements of African-Americans, both individually and as a group. This course begins with the development of African nations and ends with the current African-American issues in the United States. *Open to Junior and Senior level students. Will be taught on Mondays, 4:15 – 7:00.*

AP Psychology # 002325 (one full credit) This college level course is designed to introduce students to the scientific and systematic study of behavior and mental processes for human beings. Students successfully completing the AP exam (score of 3 or higher) can earn college credit. *Class will meet one day week after school, 4:15 pm – 7:00 pm on Mondays. Prerequisite: Biology 1 Open to junior and senior level students.*

AP World History # 2107 (one full credit) This college level course is designed to guide students in developing a greater understanding of global processes and contacts including interactions over time. This course highlights the course of natural changes in international frameworks and their causes and consequences, as well as comparisons among major societies. Students successfully completing the AP exam (score of 3 or higher) can earn college credit. *Class will meet one day week after school, 4:15 – 7:00 on Mondays. Open to sophomore, junior, and senior level students.*

AP US Government and Politics #002314 (one full credit) This college level course will provide students with the opportunity to explore the role of government in their lives and in the lives of others both domestically and globally. Students venture beyond the foundations of government, the constitution, the structures, principles, etc. to explore and evaluate the real-world business of governing in American society. Students successfully completing the AP exam (score of 3 or higher) can earn college credit. *Open to junior and senior level students. This will be a seventh hour class.*

Senior Project # 1450 (one full credit) Successful completion of this course will qualify the student for an Academic Diploma Endorsement. Students will be required to complete a multifaceted project, write a research paper, mentor under a member of the community, and present their findings at the end of the year to a panel of judges. This class, supervised by an Academy Instructor, will have a face to face meeting once a week. This course allows students to select and explore an area or field of their own choosing and to relate what they have learned to "real life" experiences. *Open to senior level students.*

Louisiana History and Theatre (Louisiana History is for middle school credit, Theatre would count as elective high school credit awarded after 24 credits are earned on the high school campus) This eighth grade history course offers an intricate, detailed study of Louisiana's growth and development from it's first occupants to the present day Louisiana. This course will incorporate details of Louisiana's history with the inclusion of the fine arts, visual arts, and the performing arts. The students will investigate, research, and act out Louisiana's history. *Open to eighth grade students only with the recommendation of their principal and counselor. One section will be taught at W.W. Lewis Junior High School and one section will be taught at the LCB Academy.*

Be sure to check our website:
<http://lakecharles-boston.cpsb.org>
for Free dual enrollment courses being
taught at the LCB Academy by
McNeese State University
SOWELA Technical Community College.

