

JUMP START RELATED COURSES

College Street Vocational Center-736 East College Street, Lake Charles.

The following courses are offered for a 2-hour credit-all year and must be scheduled with NCCER Core and JAG or an academic course to meet Jumpstart Pathway Credentials. (4 credit hours at College Street)

Air Conditioning/Refrigeration I (310102)– Prepares students to install, diagnose, repair and maintain the operating condition of residential and commercial heating/air conditioning, and refrigeration systems. Prerequisite: Algebra I

NCCER Carpentry I (313302) – Fundamentals of construction with wood. Including framing, exterior and interior finishing. Advance levels include cabinet building.

NCCER Electrical I (313402) – Introduction to electrical theory, DC/AC electricity and the National Electrical Code. Shop work includes constructing circuits, measuring voltage, amperage and resistance. *DE, Prerequisite: Algebra I

NCCER Welding Technology I (313702) – Follows NCCER & AWS-Sense Industry based craft training. Fundamentals of welding, including tools, blueprints, rigging, cutting, SMAW beads and SMAW fillet welds. *DE

NCCER Plumbing I (312502) – Introduction to the plumbing trade. Cut and join plastic, copper and steel pipe. Follows NCCER standards. Prerequisite: Algebra I

NCCER Pipe Fitter I (313602) – Introduction to industrial pipe cutting, fitting and repair. Follows NCCER standards. Prereq. Alg. I

The following courses are offered for a 2-hour credit class for a full school year.

Air Conditioning/Refrigeration II (310112) – Prepares students to install, diagnose, repair and maintain the operating condition of residential and commercial heating/air conditioning, and refrigeration systems. *Jump Start Credential

Auto Body Repair I (310202) – Fundamentals of the collision repair industry. Includes trim/hardware removal, straightening, cutting and welding steel, and an introduction to refinishing. *DE, Jump Start Credential

Auto Body Repair II (310212)- *Jump Start Credential, DE

Auto Body Repair III (310215)- *Jump Start Credential

Automotive Technician I (310312) – Introduction to the field of automotive service and repair. Covers NATEF tasks for maintenance and light repair. \$20 class fee, *Jump Start Credential, DE, Prerequisites: Alg I and Eng I

Automotive Technician II (310322)-*Jump Start Credential

Automotive Technician III (310332)-*Jump Start Credential

Commercial Art I (310702) – Adobe Photoshop, Adobe In Design, QuarkXPress used for designing projects. Includes screen-printing, sign making, engraving, desktop publishing and other forms of print. *Jump Start Credential

Commercial Art II (310712)

Commercial Art III (310715)

ProStart I (100308) – Exposes students to all aspects of a commercial kitchen. Includes recipe development, cooking principles and the financial aspects of preparing food for profit. \$50 class fee, *Jump Start Credential, DE, Prerequisite: Algebra I and English I

ProStart II (100322) – Students will continue to learn the essential skills necessary to become a culinary professional with an emphasis on production. *Jump Start Credential, DE

ProStart III (100325)

NCCER Carpentry II (313312) – Fundamentals of construction with wood. Including framing, exterior and interior finishing. Advance levels include cabinet building. *Jump Start Credential

Carpentry III (110704)

NCCER Electrical II (313412) – Introduction to electrical theory, DC/AC electricity and the National Electrical Code. Shop work includes constructing circuits, measuring voltage, amperage and resistance. *Jump Start Credential, DE

NCCER Electrical III (313417)

NCCER Welding Technology II (313712) – Follows NCCER & AWS-Sense Industry based craft training. Fundamentals of welding, including tools, blueprints, rigging, cutting, SMAW beads and SMAW fillet welds.*Jump Start Credential, DE

Welding III (313622)

NCCER Pipe Fitter II (313612)

Outdoor Power Equipment Technician I (312302) – Introductory course for small engine repair. Includes tool identification, use of power tools, and preventative maintenance. *Jump Start Credential

Outdoor Power Equipment Technician II (312312) - Advance coursework includes troubleshooting techniques, engine performance and outboard motor systems. *Jump Start Credential

Outdoor Power Equipment Technician III (310097)

NCCER Plumbing II (312512) – Introduction to residential installation, repair and maintenance of pipe. Learn basic principles of water distribution and waste removal through piping systems. Follows NCCER standards. *Jump Start Credential

The following courses are offered for a 1-hr credit-all year, 2 courses must be scheduled to create a 2-hr block of instruction. Math & English courses open to Juniors and Seniors only.

JAG I (042010) & JAG II (042020)

Financial Literacy (160345)

Business English (120336)

Technical Math (165010)

Technical Writing (120350)

NCCER Core (311720) *Jump Start Credential

Lake Charles-Boston Academy: CTE

The following courses are offered for a 2-hour credit-all year at 1509 Enterprise Boulevard, Lake Charles.

Drafting and Design Technology I (311302)- Technical drawing class related to engineering and architecture using hand drawing and AutoCAD.

*DE, Prerequisites: English II, Algebra I and Geometry

Drafting and Design Technology II (311312)-*DE, Jump Start Credential

Drafting and Design Technology III (400100)

Television Production I (312802) - Students write, shoot and edit videos, films, news stories, commercials, and PSAs; operate TV studio equipment; produce and direct newscasts and live on-location shots. *DE, Jump Start Credential

Television Production II (312812)- *DE, Jump Start Credential

Computer Service Technology I (310820)- Microsoft Windows operating system essentials such as but not limited to installing, configuring, file management, network shares, mobility and remote management, backup and recovery, and troubleshooting. Students will also be able to detect and remove malware from personal computers. This course covers objectives as found on the Microsoft Technology Associate certification for Microsoft Exam 98-349. *DE, Jump Start Credential, Prerequisite: Algebra I

Computer Service Technology II (310822) - Computer hardware and includes computer hardware configuration, installation, upgrades, troubleshooting and pc repair. This course will train the student to work in the field as a computer service technician. Prepares students for the CompTIA A+ exam. *DE, Jump Start Credential

Sports Medicine I(090720) - Provides overview of sports medicine in its unique focus and delivery of healthcare.

Sports Medicine II (090721)

Sports Medicine III (090722)

Allied Health I(090101) - Prepares the students with entry-level skill and knowledge common to many health care areas.

Allied Health II(090104)

Schedule first year: SPORT MD I-LCBA, 0.5 cr., Fall/SPORT MD II-LCBA 090721, 0.5 cr., Spring/ALL HLTH I, 1cr., Full Year

Schedule second year: SPORT MD III, 1 cr./ALL HTH II, 1 cr., Full Year

Health Science I (090611) -Course for students who want to pursue a career in nursing or other health-related occupations.

Health Science II (090621)

Prerequisites: English II, Algebra I and Biology, Juniors only

Schedule: HLT SCI I-LCBA, 1 cr., Fall/HLT SCI II-LCBA, 1cr., Spring

First Responder (090711) - Improve the quality of emergency medical care rendered to victims of accident & illness. 1st of 4 national levels of EMS. *Jump Start Credential, DE (Universal Course in every Jump Start Pathway)

Medical Terminology(090151) - Provides students with the ability to identify medical terms by analyzing their components.

Taught in the FALL ONLY. *DE

Schedule: MED TERM-LCBA, 1cr., FALL; EMR- DW LCB, 1cr., SPRING

Emergency Medical Technician (090943) - Providing pre-hospital care to victims of accident & illness. 2nd of 4 national levels of EMS. Must be 16 years of age. Good physical health, able to perform the duties of an EMR. Application must be signed by parent or guardian. Students must attend 90% of the total course hours. *Jump Start Credential (*STRONGLY suggested that students take FIRST RESPONDER, during their Junior year, prior to enrolling in this course.*)

Law Studies I(220506)-The purpose of this course is to analyze and compare the different legal and political concepts, systems, and operations and their effect on legal disputes. *DE Prerequisites: English II and Civics (A Universal Course in every Jump Start Pathway; does not offer a credential)

Intro to Criminal Justice(020001) -This course examines the American criminal justice structure and the functions and processes that impact communities and society. *DE, Prerequisites: English II and Civics (not a Jump Start course)

Criminal Courts (020021) - Examines the structure, organization, and operation of criminal courts and their role in the larger criminal justice. *DE, Prerequisites: English II and Civics (not a Jump Start course)

Schedule only one year: LAW STUDIES-LCBA, 1 cr./INT CR JUST DW LC, 1cr., Full Year

Schedule only one year: INT CR JUST DW LC, 1cr./CRIMCOURT DW LC, 1cr., Full Year

Digital Media I (080800) - Project-based course with students' creative expression through web design, graphics, audio, print, video, animation. Advance courses introduce game design. *DE, Jump Start Credential (also offered as a Virtual Class)

Digital Media II (080806) -*DE, Jump Start Credential, Prerequisite: Teacher Recommendation or Digital Media or IBCA

Web Design I (040211) -Design, develop, and maintain websites using current editors and tagging languages. Advance courses introduce game design. *DE, Jump Start Credential, Prerequisite: Teacher Recommendation or Digital Media or Multimedia or IBCA

Web Design II (040212) -*Jump Start Credential

Schedule first year: D MED LCBA 1S DW 080800, 1cr., Fall/WEB DESN I LCB1S 040211, 1cr., Spring

Schedule second year: D MED II LC1S DW 080805, 1cr., Fall/WEB DES II LCB1S, 1cr., Spring

Process Technician I(110911) / II(110912) -An introduction to Process Technology, Plant Safety, and Statistical Control. *DE, Prerequisites: English II, Algebra I and Geometry

Schedule: PROC TECH I 2HR for ONE Credit, Fall/PROC TECH II 2HR for ONE Credit, Spring (JUNIOR YEAR)

Process Technician III(110919)/Trade and Industry Elective (310099) -* DE

Schedule: PROC TECH III 2HR for ONE Credit, Fall/Trade and Industry Elective 2HR for ONE Credit, Spring (SENIOR YEAR)

Process Instrumentation I (110915)/ Industrial Electronics I (311800) – Introduction to Instrumentation, Fundamentals of Electricity, Logic Controllers, Motor Controls. *DE, Prerequisites: English II, Algebra I and Geometry
Schedule: Process Instrumentation I, 2HR, ONE Credit, Fall/Industrial Electronics I, 2HR ONE Credit Spring
Process Instrumentation II (110916)/Industrial Electronics II (311805) - *DE – A student will earn a TCA upon successful completion of all FOUR classes.
Schedule: Process Instrumentation II, 2HR, ONE Credit, Fall/Industrial Electronics II, 2HR ONE Credit Spring

Lake Charles-Boston Academy: Fine Arts

Pre AP Studio Art- Students will work with drawing, painting, print-making, sculpture and photography. Designed to create an original art portfolio in preparation for the AP Studio Art Course.

AP Studio Art- Take an in-depth look at 2-D or 3-D art processes producing works for a portfolio that concentrates around a central idea.

Art I/II/III/IV- Engage in multiple art experiences ranging from charcoal drawing to photography and pottery.

Talented Visual Art I/II/III/IV- A range of courses for students identified as talented in visual art. Explores art concepts in techniques in drawing, painting, sculpture, and print-making.

Lake Charles-Boston Academy: Advanced Studies

AP Language- (English III credit) College level course; counts as English III, develops skilled readers and writers.

AP Literature- (English IV credit) College level course; extensive reading, discussions, presentations, compositions and essays.

AP Physics- College level course; based college board criteria. Face –to-face or online.

AP European History- College level course; designed to study European history since 1450.

AP US History- College level course; counts as American History.

AP Human Geography- College level course; counts as World Geography.

AP Government- College level course; counts as Civics.

AP Calculus- College level course; counts as Calculus.

Lake Charles-Boston Academy

English Second Language High School- Communicative and academic skills in reading, writing, speaking and listening for limited English proficient students. Students can earn Carnegie units toward graduation.

English Second Language Middle School- Communicative and academic skills in English, Science, Social Studies for limited English proficient students. Student can earn Carnegie units toward graduation.

Pre-GED- provides opportunities for students pursuing a GED to receive intensive assistance.

See your school counselor for Virtual/Distance Class information.