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Administration of Justice

1. Explore the history, development, structure and functions of the American criminal justice system.
2. Apply criminological/criminal justice theories, principles, and concepts to address real-life situations in the field.
3. Recognize the importance and practice of legal and ethical behavior in a professional criminal justice work setting.
4. Analyze, interpret, and evaluate criminological/criminal justice theories, policies, practices and procedures to develop strategies to control and prevent crime.

Advanced Transportation Technology: Alternative Fuels

1. Ability to safely work on high pressure and low temperature fuels without injury.
2. Ability to diagnose and repair computer controlled and gaseous fueled engines.
3. Ability to understand and comply with regulations regarding installations and inspections of systems and their related components.

Advanced Transportation Technology: Electric Vehicles

1. Ability to safely work on the high voltages present in Electric Vehicles without injury.
2. Ability to diagnose and repair computer controlled Electric Vehicles including hybrids, fuel cells, and plugs in electrics, regarding installations and inspections of systems and their related components.
3. Ability to compare the differences, advantages, and limitations of the various Electric Vehicles to determine proper application of each technology.
**Architectural Design (Transfer)**

1. Students acquire the professional attitude and desire for life-long learning and stay current with advanced technologies.
2. Students are aware of program transfer requirements and are prepared for successful transfer to a university level architectural and/or other environmental design degree program.
3. Students possess the necessary technical knowledge and communication skills to identify, articulate and solve problems pertaining to the built environment and perform tasks required within the architecture and/or environmental design professions.

**Art**

1. Produce professional quality artwork that demonstrates skill, craftsmanship, comprehension of visual design, and aesthetic conceptual rigour.
2. Develop a foundation of skills, craft, traditional, and digital technologies.
3. Analyze, interpret, and exercise critical judgment in the evaluation of visual artforms.

**Athletics**

1. The Athletic department will encourage and monitor academic success of student-athletes.
2. The Athletic department will comply with all federal, state, and local laws, rules, regulations and guidelines.

**Baking and Pastry Arts**

1. Create a yeast bread product to industry standards.
2. Create a pastry product to industry standards.
3. Synthesize the principles and reactions of basic baking ingredients and their properties alone and when combined with other ingredients.
4. Demonstrate industry-standard kitchen safety and sanitation practices.

**Biological Sciences**

1. Assimilate information from various sources and apply critical thinking to form evidence-based conclusions (scientific method) to issues in the realm of biology, health, and as a consumer in society.
2. Demonstrate an understanding of all levels of organismal biology such as morphological, physiological, and developmental.
3. Demonstrate knowledge of the importance of the diversity of organisms on earth and their ecological and evolutionary relationships including human impact on other organisms (or the reciprocal) and ecosystems.
**Business**

1. Ensure that 85% of all courses meet or exceed their outcome/assessment goals and develop appropriate action plans for continuous improvement.
2. Develop strategies throughout all concentrations/courses to enhance the development of our students' critical-thinking skills: their ability to reason, ask appropriate questions and make strong decisions.
3. Develop assignments and/or exercises to enhance students' verbal and non-verbal skills: their ability to reflect, write, speak and respond in a personal and professional manner.
4. Improve the level of student success and student retention as well as increase the number of degrees and certificates.
5. To develop a method of monitoring the declared major and long-term personal goals of our enrolled students along with the future direction of our certificate/degree graduates (transfer, job, other).
6. To develop a strong working relationship with local businesses through the formation of an Industry Council for the purpose of advisement and collaboration in order to ensure that our course offerings are providing our students with the strongest preparation for entering the workforce. Additionally, it would be our goal for this Council to develop strong feelings for LBCC students and to evolve these feelings into actual job opportunities.

**Child Development: Early Childhood Education**

1. Design, implement, and evaluate environments and activities that support optimum developmental play and learning outcomes for all young children.
2. Demonstrate responsive care and teaching practices for young children through the integration of assessment, theory, and practice.
3. Develop strategies that build reciprocal relationships with families and communities based on the acceptance of diversity.
4. Apply effective guidance and interaction strategies to support children’s social learning, peer relations, and self-confidence.
5. Incorporate ethical and professional standards engaging in collaborative learning and reflective practices.

**Child Development: Early Childhood Education AS-T**

1. Design, implement, and evaluate environments and activities that support optimum developmental play and learning outcomes for all young children.
2. Demonstrate responsive care and teaching practices for young children through the integration of assessment, theory, and practice.
3. Transfer from LBCC to a University.
4. Apply effective guidance and interaction strategies to support children's social learning, peer relations, and self-confidence.
5. Incorporate ethical and professional standards engaging in collaborative learning and reflective practices.
Child Development: Special Educ Assist

1. Design, implement, and evaluate environments and activities that support optimum developmental play and learning outcomes in an inclusive environment for all children.
2. Demonstrate responsive care and teaching practices for all children through the integration of assessment, theory, and practice.
3. Apply effective guidance and interaction strategies to support all children’s social learning, peer relations, and self-confidence.
4. Incorporate ethical and professional standards engaging in collaborative learning and reflective practices.

Commercial Music: Performance

1. Perform, by playing or singing, varied repertoire of jazz/pop style musical arrangements within an ensemble setting in front of a live audience.
2. Students will achieve industry standard proficiency levels in music business, commercial theory and commercial keyboard.

Communication Studies

1. Develop and apply critical thinking and persuasive communication strategies.
2. Formulate and implement effective oral presentations.

Communication Studies AA-T

1. Develop and apply critical thinking and persuasive strategies.
2. Students will demonstrate an understanding of basic communication theory.
3. Formulate and implement effective oral presentations.

Counseling

1. Students will identify and recognize counseling services as an integral part to student success. Students will demonstrate a depth of knowledge on the requirements for individual educational objectives and apply it to the enrollment pattern. Students will differentiate between transferable GE requirements and lower division requirements.
2. Students will demonstrate a depth of knowledge on the requirements for individual educational objectives and apply it to the enrollment pattern.
3. Students will differentiate between transferable GE requirements and lower division requirements.

Culinary Arts

1. Propose and assemble a complete three course meal from a given set of ingredients and select the most appropriate tools and equipment for each task.
2. Compare and contrast the different knives used in a kitchen and effectively demonstrate their uses with competence.
3. Analyze a plated meal, distinguish the different cooking techniques and methods used in its preparation, and critique the flavor, the plating, and the garnish.
4. Demonstrate industry-standard kitchen safety and sanitation practices.
Dance
1. A basic knowledge and experience of live performance synthesizing dance technique and creativity.
2. A respect for dance as a means of personal, cultural, or social expression.

Desktop/ Media Publishing
1. Write, design, and produce a publication.
2. Prepare students for entry-level positions in desktop publishing.

Diagnostic Medical Imaging (Rad Tech)
1. Diagram the photographic and digital process and define the technical factors utilized in medical image formation.
2. Distinguish the fundamental structure of matter, diagram the production of x-rays, and examine how different radiographic techniques effect the resulting image on a radiograph.
3. Assess how radiation effects body systems, differentiate between different types of radiation and their effects on human tissue, and formulate ways to decrease exposure.
4. Manage proper patient positioning of the skeletal system, cranium, and viscera to achieve industry standard radiograph.
5. Demonstrate ability to properly use all equipment required to produce a diagnostic radiograph; produce an industry standard and diagnostic radiograph.

Dietetics
1. Synthesize the theory and principle of clinical nutrition care.
2. Manage a healthcare kitchen to industry standards.
3. Develop and conduct a nutrition presentation within a community agency.

Drafting: Architectural (Occupational)
1. Students will develop career awareness, planning, employability skills, work habits, and the foundational knowledge necessary for success in the workplace.
2. Students will be able to establish mastery of basic knowledge and skills and apply advanced technologies relevant to entering the architectural drafting and design field at an entry or advanced level.
3. Students will possess the necessary technical knowledge and communication skills to identify, articulate and solve problems pertaining to the built environment and perform tasks required within the architecture and/or environmental design professions.
Drafting: Mechanical & Design (Occupational)

1. Students will develop career awareness, planning, employability skills, work habits, and the foundational knowledge necessary for success in the workplace.
2. Students will be able to establish mastery of basic knowledge and skills and apply advanced technologies relevant to entering the mechanical drafting and design field at an entry or advanced level.
3. Students possess the necessary technical knowledge and communication skills to identify, articulate and solve problems pertaining to the industrial manufacturing environment and perform tasks required within the mechanical design drafting professions.

Electrical Technology

1. Analyze different types of power distribution systems and apply these systems in a design environment.
2. Design commercial building blueprint design project: applying motor, transformer, power distribution and short-circuit calculations meeting all the requirements of the National Electrical Code.
3. Design and evaluate control system programs for the operation of automation systems, including timing, counting, sequential and process control operations.

Engineering

1. To serve students for the fulfillment of their own personal goals.
2. To serve students to meet career/transfer requirements.

English

1. Write academic prose with a clear purpose and effective logical, relevant support from sources.
2. Develop and sustain a coherent interpretation of literature that acknowledges historical and cultural contexts.
3. Compose poems and short works of fiction using various forms and techniques.

English AA-T

1. Write academic prose with a clear purpose and effective logical, relevant support from sources.
2. Develop and sustain a coherent interpretation of literature that acknowledges historical and cultural contexts.
3. Compose poems and short works of fiction using various forms and techniques.

English as a Second Language (ESL)

1. Identify stereotypes and cultural assumptions.
2. Create grammatically correct sentences at the end of the intermediate-level grammar classes.
3. Write a focused thesis statement and maintain unity throughout an essay.
English as a Second Language Learning Center

1. Students will find current and appropriate study materials.
2. Accurately maintain records of the assignments and attendances of students using the ESLLC.

Family & Consumer Studies

1. Develop skills and workplace competencies needed for success in the workplace.
2. Analyze cultural forces and their effects on the individual and family.
3. Evaluate and develop personal finance plans.

Fashion Design

1. Create an environment that promotes critical thinking, creativity, teamwork, soft skills, multicultural and global awareness and understanding of social organizational and technological systems.
2. Provide educational opportunities in the field of fashion for career employment, advanced study and professional development.
3. Predict fashion trends and analyze form, silhouette, proportion, texture and drape of fabric to develop a fashion line for a target customer.

Fashion Design: Asst. Designer

1. Create an environment that promotes critical thinking, creativity, teamwork, soft skills, multicultural and global awareness and understanding of social organizational and technological systems.
2. Provide educational opportunities in the field of fashion for career employment, advanced study and professional development.
3. Predict fashion trends, sketch in flat technical drawings, spec and analyze form, silhouette, proportion, texture and drape of fabric to develop a 2-dimensional fashion line for a target customer and company.

Fashion Merchandising

1. Create an environment that promotes critical thinking, creativity, teamwork, soft skills, multicultural and global awareness and understanding of social organizational and technological systems.
2. Provide educational opportunities in the field of fashion for career employment, advanced study, and professional development.
3. Calculate mark-ups, markdowns and open-to-buy using formulas.

Film

1. Ability to synthesize a lower-division level of principles and theories related to visual storytelling using cinematic structure.
2. A respect for film as a means of personal, cultural, or social expression synthesizing production technique and creative vision.
Fire Science
1. Explore the history, development, structure, and functions of the American fire service.
2. Apply prevention/protection/fire-fighting theories, principles, and concepts to address real-life situations in the field.
3. Recognize the importance of and practice of the safety behaviors in a professional fire service setting.
4. Analyze, interpret, and evaluate prevention/protection/fire-fighting theories, policies, practices, and procedures to develop strategies to prevent, control, and fight fires.

Floral Design
1. Develop foundational knowledge and skills for the design and production of industry acceptable floral displays.
2. Develop work place competencies needed for employment in the floral design field.
3. Analyze, interpret and exercise critical judgment in the evaluation of floral artforms.

Foreign Languages
1. Students will demonstrate reading comprehension at the appropriate level in the target language.
2. Students will demonstrate aural comprehension at the appropriate level in the target language.
3. Students will formulate ideas orally at the appropriate level in the target language.
4. Students will formulate ideas in writing at the appropriate level in the target language.

History/Political Science
1. Examine and comprehend various forms of historical and political/social science literature, as well as interpret and analyze statistical and other, non-narrative sources.
2. Organize historical thinking and social scientific argumentation in both written and oral presentations by using facts, ideas, and events to ask questions, assemble evidence, and support conclusions with clarity and coherence.

Honors
1. Students are able to enroll in the honors courses that they need to take.
2. Students receive academic counseling tailored to their needs as honors students.
3. Adequate academic records are kept on each honors student to assure compliance with program requirements.

Horticulture
1. Distinguish 100 landscape plants suitable for different landscape situations with proper cultural practices.
2. Demonstrate safe and efficient competence with hand and power tools used in the trade.
3. Demonstrate fundamental technical skills to cultivate and manage edible and ornamental plants in horticultural production systems.
4. Demonstrate fundamental landscaping principles to layout and install residential gardens.
Human Services

1. Develop a psychosocial treatment plan for a client.
2. Analyze information and assess level of crisis intervention needed to best meet client needs.

Human Services: Drug & Alcohol Studies

1. Develop a psychosocial treatment plan for a client.
2. Synthesize the theories and principles of drug and alcohol clinical evaluation, treatment planning, referral, service coordination, counseling, documentation, and professional/ethical responsibilities.

Journalism

1. Gather and prepare material accurately and fairly while meeting deadlines.
2. Apply teamwork skills to publish a newspaper, magazine, or website.

Kinesiology

1. Students will demonstrate knowledge of rules, strategies, techniques, and etiquette of various activities to promote lifelong fitness.
2. Students will demonstrate knowledge of basic aspects of a training/fitness program.
3. Physical Education/Recreation majors will recognize various career opportunities in the field of human movement.
4. Students will be able to define the many health related and skill related fitness components in an exercise program.

Learning and Academic Resources

1. Students will be able to apply newly acquired knowledge and/or learning strategies to their current or future academic endeavors.
2. The Learning & Academic Resources areas will provide satisfactory service for each appropriate student request.

Learning Communities

1. The student will develop an increased level of personal responsibility for their success in college.

Library

1. The library will provide satisfactory service for each request throughout the public services areas.
2. The library will provide a variety of up-to-date resources in multiple non-electronic formats.

Library Technician

1. Students will synthesize the theoretical knowledge and the practical skills for all major components of a working library.
2. Examine and compare information from various sources to evaluate reliability, validity, accuracy, authority, timeliness, and point of view or bias.
Math Success Center

1. The Student Success Centers will provide supplemental learning assistance in a manner that contributes to student success.
2. The Student Success Centers will provide learning assistance in a manner that students report as generally satisfactory.

Mathematics

1. To serve students to meet graduation/GE requirements.
2. To serve students for the fulfillment of their own personal goals.
3. To serve students to meet career/transfer requirements.

Mathematics AS-T

1. To serve students to meet graduation for an Associate degree in science mathematics for transfer.
2. To serve students to meet career/transfer requirements.

Mechanical Maintenance Technology

1. Develop internships and networks with the transportation industries to help students attain employment upon the completion of our program.
2. Provide environmental (green), solar, renewable and sustainable energy technology equipment to the curriculum by experienced and highly trained staff using a quality curriculum for students that will equip them with the necessary skills and abilities to succeed.
3. Since November 14, 1994 all refrigerant and air conditioning technicians must be certified by the EPA, and only certified technicians can purchase refrigerants. Our program will provide the necessary information and help students pass this test. Our instructors can give the test. The CTE center will assist in helping the students pass the test. All employers require the universal EPA license as a condition of employment when working with refrigerants.

Medical Asst: Administrative/ Clinical

1. Accurately assess a patient's vital signs.
2. Analyze medical records and accurately construct a medical insurance claim form.
3. Inspect and correctly troubleshoot artifacts while performing an electrocardiogram.
4. Apply common practices of Medical Asepsis in a physician's office and daily living.

Metal Fabrication Technology

1. Perform a common sheet metal layout and fabrication project.
2. Perform common metal fabrication using power machinery to produce a fabrication project.
3. Demonstrate the ability to read and interpret construction blueprints.
Multidisciplinary Success Centers - LAC & PCC

1. The Student Success Centers provide supplemental learning assistance in a manner that contributes to student success.
2. The Student Success Centers provide learning assistance in a manner that students report as generally satisfactory.

Music

1. Students will achieve sophomore proficiency ranking in performance repertoire and technique.
2. Students will achieve sophomore proficiency level in theory, musicianship, and piano placement exams.

Nursing: LVN to RN

1. Synthesize the theories and principles that encompasses the nursing process and pathological conditions.
2. Manage all aspects of the nursing process to achieve positive patient outcomes.

Nursing: RN Associate Degree

1. Synthesize the theories and principles that encompasses the nursing process and pathological conditions.
2. Manage all aspects of the nursing process to achieve positive patient outcomes.

Nursing: Vocational LVN

1. Synthesize theories and principles necessary for licensure as a vocational nurse.
2. Development of critical thinking skills in preparation for the student's first job in vocational nursing.

Physical Sciences

1. Differentiate between unsupported opinions and verifiable scientific facts supported by observations, experiments, and scientific theory.
2. Demonstrate a basic scientific understanding of a specific field of science by examining and analyzing the nature and content of applicable physical laws.

Psychology AA-T

1. Students will analyze the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology.
2. Apply basic research methods in psychology, including research design, data analysis, and interpretation.
3. Examine problems related to behavior and mental processes through the scientific approaches of critical thinking, creative thinking, and skeptical inquiry.
Radio/TV: Broadcast News

1. Integrate and arrange script, graphics, B-roll, music, and soundbites into an industry ready newscast segment.
2. Critically assess the responsibilities of various creative and technical staff positions and evaluate the importance of each to the production.
3. Analyze the elements of pre-production, production, and post-production to create an industry ready news segment.

Radio/TV: Performance

1. Analyze and demonstrate the physical characteristics of on-air talent required to make an industry ready production segment.
2. Critically assess the responsibilities of various creative and technical staff positions and evaluate the importance of each to the production.

Radio/TV: Producer

1. Demonstrate collaboration skills related to personnel and time lines for an industry ready radio or television segment.
2. Critically assess the responsibilities of various creative and technical staff positions and evaluate the importance of each to the production.

Reading

1. Analyze and evaluate college-level text.
2. Students will reflect and analyze how applying reading strategies improves their academic and personal literacy.

Social Sciences

1. Students will apply theories from the disciplines in the Social Science Program to analyze and explain human behavior as individuals and/or in groups.
2. Students will be able to distinguish between fact and opinion, identify credible evidence, and analyze arguments.
3. Students will apply perspectives and frameworks from the disciplines in the Social Science program to explain and solve challenges related to accommodating and appreciating human diversity.

Program - Sociology AA-T

1. Analyze the major concepts, theoretical perspectives, and historical trends in sociology.
2. Apply the scientific research process, including research design, research methods, data analysis, and interpretation to sociological phenomenon.
3. Appreciating social diversity in the context of social stratification, students will apply the sociological perspective and sociological imagination to explain and predict social change related to social groups.
**Program - Theatre Arts: General, Acting & Tech Emphasis**

1. A basic knowledge and experience of live performance synthesizing lower-division level principles and theories of acting, production techniques, and creativity.
2. A respect for theatre as a means of personal, cultural, or social expression.

**Program - Tool Designer**

1. Students will be able to establish mastery of basic knowledge and skills and apply advanced technologies relevant to entering the Tool Design field at an entry or advanced level.
2. Students develop career awareness, planning, employability skills, work habits, and foundational knowledge necessary for success in the workplace.
3. Students possess the necessary technical knowledge and communication skills to identify, articulate and solve problems pertaining to the industrial manufacturing environment and perform tasks required within the Tool Design professions.

**Program - Writing & Reading Success Center**

1. The Student Success Centers will provide supplemental learning assistance in a manner that contributes to student success.
2. The Student Success Centers will provide learning assistance in a manner that students report as generally satisfactory.