How to navigate around the document:

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**Academic Support and Development**

1. Students who complete the BAE program will comprehend text written at the secondary grade level or above.
2. Students who complete the BAE program will accurately solve basic geometry and pre-algebra application problems.
3. Students who complete the BAE program will compose effective essays on given topics within time limitations using appropriate conventions of standard written English; and demonstrate ability to differentiate standard from non-standard written English.
4. Students who complete the BAE program will demonstrate the ability to interpret and analyze graphic and other visual information.
5. Students who complete the BAE program will demonstrate the ability to track their own academic progress in the course and establish longer-term career or educational goals.

**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 plug 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.

Aeronautics Program/Aviation Maintenance

1. Synthesize and Demonstrate
   TITLE 14 CFR PART 147
   APPENDIX B:
   GENERAL CURRICULUM
   (identify; select; calculate; measure; inspect)

2. Synthesize and Demonstrate
   TITLE 14 CFR PART 147
   APPENDIX C I. & II.
   AIRFRAME CURRICULUM
   (inspect; check; service; troubleshoot; repair)

3. Synthesize and Demonstrate
   TITLE 14 CFR PART 147
   APPENDIX D I. & II.
   POWERPLANT CURRICULUM
   (overhaul; service; troubleshoot; repair)

Air Conditioning/Refrigeration: Theory & Practical Experience

1. Perform service and repair tasks identified by the North America Technician Excellence (NATE).
2. Perform industry standard diagnostic information to repair complex air conditioning problems using standard test equipment.
**Air Conditioning/Refrigeration: Theory Only**

1. Perform service and repair tasks identified by the North America Technician Excellence (NATE).
2. Perform industry standard diagnostic information to repair complex air conditioning problems using standard test equipment.
3. Demonstrate safe and efficient competence with electrical, Refrigerationerant, air flow, and environmental test equipments used in the HVAC industry.

**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 support a culture of "winning" throughout the program.
2. The Athletic department will encourage and monitor academic success of student-athletes.

**Auto Body Repair**

1. Ability to safely work within the collision repair facility.
2. Ability to decipher the difference between Structural and Non-Structural Damage
3. Ability to understand and comply with regulations regarding Painting and Refinishing of the current Automotive substrate.
**Auto Mechanics**

1. Troubleshoot and repair an electrical and fuel related malfunction according to industry standards.
2. Troubleshoot and repair a steering and brake related malfunction according to industry standards.
3. Troubleshoot and repair an engine and transmission related malfunction according to industry standards.
4. Troubleshoot and repair an emission and on-board computer control related malfunction according to industry standards.

**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.

**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. Achieve a high percentage of courses that meet or exceed the course-level goals for student learning outcomes.
2. Continue development of Student Learning Outcomes and Assessment plans, along with contemporary teaching/learning strategies, to increase the p
3. Develop strategies throughout all concentrations/courses which will enhance the development of our students' critical-thinking skills, their ability to reason, ask appropriate questions and make stronger decisions.
4. Develop strategies throughout all concentrations/courses which will enhance the development of our students' verbal and non-verbal skills: their ability to reflect, write, speak and respond in a personal and professional manner.
Carpentry Technology/Trade Home Remodel

1. Gain sufficient knowledge of trade practices to be gainfully employed in the Carpentry Industry
2. Examine appropriate materials, tools, equipment and procedures to work on construction projects
3. Demonstrate safe working practices in a construction environment
4. Evaluate, layout, and construct various systems such as landscaping, floors wall, roof, and concrete forms
5. Demonstrate the ability to recognize a problem, develop strategy to solve the problem

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 Education Assistant

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: Audio Production

1. Students will achieve technical proficiency in the use of industry standard vocational technologies, techniques and communication skills.
2. Students will achieve artistic proficiency in the use of industry standard vocational technologies, techniques and communication skills.

Commercial Music: Music Production

1. Students will create and develop songs with organized harmonic, rhythmic and melodic content.
2. Students will synthesize the integration of music production technology in to the creative and production process.
3. Students will achieve industry standard proficiency levels in music business and commercial keyboard

Commercial Music: Performance

1. Perform, by playing or singing, varied repertoire of jazz/pop style musical arrangements within an ensemble setting in from 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. Students will demonstrate an understanding of basic communication theory.
2. Formulate and implement effective oral presentations
3. Develop and apply critical thinking and persuasive strategies.

Computer and Office Studies
1. Choose the correct application for a given task
2. Problem solve common information technology failures

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 wi
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 (3) 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 position in desktop publishing

**Diagnostic Medical Imaging (Radiological Technology)**

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 resultant 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.

**Drafting: Architectural (Occupational)**

1. 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.
2. Students develop career awareness, planning, employability skills, work habits, and foundation 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 built environment and perform tasks required within the architecture and/or environmental design professions.
**Drafting: Mechanical & Design (Occupational)**

1. 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.
2. Students develop career awareness, planning, employability skills, work habits, and foundation 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 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, short-circuit calculations, and lighting systems meeting all the requirements of the National Electrical Code.

**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 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 work place competencies needed for success in the work place.
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 & 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: Assistant 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 & 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 & professional development.
3. Calculate mark-ups, markdowns and open-to buy using formulas.
Film

1. Ability to synthesize lower-division level of principles and theories related to visual story telling using cinematic structure.
2. A respect for film as a means of personal, cultural, or social expression synthesizing production technique and creative vision.

Fine Arts

1. Ability to synthesize the lower-division level of principles and theories expressed in the Fine Arts through Film, Theater, Dance, Music, Art, and Photography.
2. A respect for Fine Arts as a means of personal, cultural, or social expression.

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

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.
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 garden

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.

Interior Design
1. Synthesis of theory and principles of various components of interior design
2. Analyze and communicate interior design vision.

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. Students will be able to identify and integrate the educational technology skills necessary to complete academic tasks.
3. 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
2. The library will provide satisfactory service for each request throughout the public services areas.
3. 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 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 is 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 in science in mathematics for transfer.
2. To serve students to meet career/transfer requirements.

Mechanical Maintenance Technology

1. Provide environmental (green) and solar and 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 successfully
2. 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
3. Develop internships and networks with the transportation industries to help students attain employment upon the completion of our program.

Medical Assistant: Administrative/ Clinical

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

**Multidisciplinary Success Center 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 is 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.
**Photography**

1. Produce professional quality photographic artwork that demonstrates skill, craftsmanship, comprehension of visual design, and aesthetic conceptual rigor.
2. Develop a foundation of skills, craft, traditional and digital technologies where ideas and concepts are communicated through the production of photographic images.
3. Analyze, interpret, and exercise critical judgment in the evaluation of visual artwork.

**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 approach 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 preproduction, 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. Student will reflect and analyze how applying reading strategies improves their academic and personal literacy.

**Sheet Metal**

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.

**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.

**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.
Theatre Arts: General, Acting & Technology 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.

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 foundation 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.

Welding Technology

1. Perform common welds in the flat and vertical positions using oxygen and acetylene process.
2. Perform common welds in the flat and vertical positions using gas tungsten arc welding (GTAW) process.
3. Perform common welds in the flat and vertical positions using shielding metal arc welding (SMAW) process.

Writing & Reading Success Center

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 is generally satisfactory.