2018 - 2019 Jefferson State Community College

Academic Inventory

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Academic Inventory

University Parallel Programs

The Associate in Arts and Associate in Science degrees, requiring a minimum of 60 and a maximum of 64 semester hours, are essentially planned sets of courses leading to baccalaureate degrees. Thus, Associate in Arts and Associate in Science degree students do not officially major in an academic discipline at Jefferson State. Majors are defined by the institutions to which these students transfer. However, Associate in Arts and Associate in Science degree students are assigned to advisors on the basis of an intended major or field of interest indicated by individual students.

In 1994 the Alabama state legislature passed Alabama Legislative Act 94-202. This act created the State of Alabama Articulation and General Studies Committee (AGSC). This committee, composed of representatives from the four-year and two-year colleges of Alabama was given the following charges:

1. Develop a statewide freshman and sophomore-level general studies curriculum to be taken at all public colleges and universities.
2. Develop and adopt a statewide articulation agreement for the freshman and sophomore years for the transfer of credit among all public institutions of higher education in Alabama.

The AGSC has developed semester credit hour requirements in four traditional areas of general education. A list of actual courses approved for statewide transfer is found in the "University Parallel Programs" section of this catalog.

Area I
Written Composition   **6**

Area II
Humanities and Fine Arts   **12**

Area III
Natural Science and Mathematics   **11**

Area IV
History, Social and Behavioral Sciences   **12**

A list of approved "discipline templates" and articulation guides may be found on our web site at www.jeffersonstate.edu and clicking the STARS icon. Students are responsible for learning the additional specific course requirements for Area V for their major at the institution where they wish to transfer. Additional Area V requirements may be accessed on the transfer institution's web site at www.jeffersonstate.edu. Students, with the aid of advising, can plan their course of study to meet the requirements of the senior institution. Requirements may change as needed. Appropriate substitutions may be made with the consent of the advisor, chairperson/associate dean/dean and the dean of instruction. Transfer guides (requirements) for the A.A. and A.S. programs are available in the division offices where programs are housed.

Career and Professional Degree Programs

Jefferson State Community College offers the following two-year, college level programs of study as career and professional programs.

These programs prepare students to enter occupational, semi-professional, or para-professional employment. These programs are designed to be completed in two years rather than to constitute the first two years of a four-year program. For descriptions of each program, consult the Career Programs section in this catalog.

Certificate Programs

Certificate programs of one year or less of study are designed for students who wish to obtain specific occupational skills. For descriptions of each program, consult the "Career Programs" section in this catalog.

Mission Statements for Instructional Divisions

Transfer/General Studies Division

The Transfer/General Studies Division is responsible for a diverse program of study that exposes students to a variety of disciplines. Within the division, the Business/Information Systems, Communications and Liberal Arts Division, and Mathematics/Engineering/Sciences Division offer high-quality courses that develop the characteristics, knowledge and skills identified in the college's statement of purpose and general education outcomes. The division insures that courses meet the expectations of the Alabama Community College System, the Alabama General Studies Committee and all related accrediting agencies, and increases access to educational opportunities by offering courses in a variety of formats.

Division Outcomes

- Provide transferable general education courses that prepare students to succeed in upper level programs of study.

- Provide transferable general education courses that fulfill the general studies requirements of the college's Associate in Science, Associate in Arts and Associate in Applied Science degrees.
- Provide developmental mathematics and English courses that prepare students to succeed in freshman-level courses.

Business/Information Systems Department

The Department of Business and Information Systems includes the areas of Accounting, Business, Computer Science, and Office Administration. The department provides all students access to quality educational opportunities and experiences that will meet the needs of an ever-changing and increasingly demanding technological society. In addition, the department provides outstanding educational instruction which prepares students for transfer to a college or university.

Division Outcomes

- Prepare graduates of career programs and professional degree programs that are in demand by employers.
- Prepare students to continue their education at four-year institutions.
- Prepare currently employed students with skill courses needed for job advancement.
- Evaluate/revise programs and courses to maintain relevancy.

Communications Department

The mission of the Communications Department is to develop in students a desire for excellence in scholarship, an ability to communicate effectively and an appreciation for the humanities. The department endorses the college's Mission Statement and strives to uphold its commitment to learning.

Division Outcomes

- Provide quality instruction in developmental and transferable courses through emphasis on continued training and professional development for faculty.
- Prepare students to continue their education at four-year institutions or to enter the workforce.
- Offer courses that allow students to develop communication skills and knowledge for personal enrichment or for job advancement.

Liberal Arts Department

The mission of the Liberal Arts Department is to offer courses and programs that provide students a quality educational experience. The Liberal Arts Department is divided into two areas-Humanities and Social Sciences.

The Humanities area is dedicated to providing learning experiences in the liberal arts tradition by offering courses that present students the opportunity to pursue moral, creative, and philosophical interests. Courses within this area include art, music, religion, and philosophy. The Social Science area provides learning experiences in the liberal arts tradition by offering courses that present students the opportunity to develop self-awareness and an awareness of society and human nature. Courses within this area area include anthropology, geography, history, political science, psychology, and sociology.

Division Outcomes

- Enable students, through various disciplines, to discover, develop and use their full range of abilities to better understand the world and their place in it.
- Provide students with a basic foundation of knowledge on which more advanced learning in the various disciplines and majors can later build.
- Enable students to reason and communicate clearly and to inquire deeply.

Mathematics/Engineering/Sciences Division

Biology Department

The mission of the Biology Department is consistent with the mission of Jefferson State Community College. The department provides biology courses that serve as a knowledge base for students majoring in science, allied health and non-science disciplines. Our teaching aims to help prepare students for their future professions both inside and outside of the scientific field and also to be a more informed member of their community, able to make responsible decisions in biological matters.

Division Outcomes

- Provide quality instruction in freshman and sophomore level courses in biology that transfer to senior institutions, and that lead to associate degrees.
- Prepare students with strong content knowledge in biology with emphasis on critical thinking and problem-solving skills.

- Advise students regarding choice of courses relevant to their academic major and/or senior institution.

Mathematics/Engineering/Physical Sciences Department

The Department of Mathematics/Engineering/Physical Sciences offers a broad range of courses that service the career programs of the college and that will transfer to baccalaureate degree granting institutions. The department also offers developmental mathematics courses to prepare students for college level mathematics.

Department Outcomes

- Provide freshman and sophomore-level courses in Chemistry, Mathematics, Physics, Physical Sciences, and Astronomy, with emphasis on critical thinking and analytical ability, that are transferable to public institutions of higher learning.
- Offer an appropriate developmental mathematics program accommodating various skill levels.
- Develop and provide courses relevant to the career and professional degree programs of the college.

Nursing Education Program

The mission of the Nursing Education Program at Jefferson State Community College is as follows:

- To contribute to the continuing provision of health care in the community by offering quality associate degree and practical nursing programs.
- To provide the organization through which the philosophy, program objectives, curriculum and program policies may be developed, implemented, evaluated, and revised within the framework of the College's organization in a manner which maintains approval by the Alabama Board of Nursing and accreditation by the National League for Nursing Accrediting Commission.
- To interpret the purposes of the Nursing Education Program to other institutions, organized groups, or individual members of the community.
- To promote an environment conducive to satisfaction and professionalism of the nurse faculty and staff.

The Mission/Philosophy of Nursing Programs

The Alabama College System

Mission – The mission of the nursing programs of the Alabama Community College System is to prepare graduates to practice safe, competent, patient-centered care in an increasingly complex and rapidly changing health care system. We seek to provide full and equal access to opportunities for educational success to meet the community needs. Philosophy – We believe that nursing is a dynamic profession, blending science with the use of evidence based practice and clinical reasoning and the art of caring and compassion to provide quality, patient-centered care.

We believe learning is an interactive process in which faculty and students share responsibility to meet program outcomes. We believe in using educational methods that are current and supportive of students in the teaching and learning environment, with the presentation of information from simple to complex.

Nursing is guided by standards of practice and standards of professional performance. Standards reflect the values and priorities of the nursing profession. Therefore, we have integrated competencies from the Quality and Safety Education for Nurses (QSEN) and National League of Nursing (NLN) into our philosophy as part of our core values.

Competencies – NLN competencies for nursing are central to the conceptual framework. The related QSEN competencies for graduate nurses define the knowledge, skills and attitudes that the graduate nurse should possess to continuously improve the quality and safety of the healthcare systems within which they work. (QSEN)

I. **Human Flourishing** – Advocate for patients and families in ways that promote their self-determination, integrity, and ongoing growth as human beings. (NLN def)

   Patient-Centered Care – Recognize the patient or designee as the source of control and full partner in providing compassionate and coordinated care based on respect for patient's preferences, values and needs. (QSEN def)

II. **Nursing Judgment** – Make judgments in practice, substantiated with evidence, that integrate nursing science in the provision of safe, quality care and that promote the health of patient within the family and community context. (NLN def)

   Safety – Minimizes risk of harm to patients and providers through both system effectiveness and individual performance. (QSEN def)

   Informatics – Use information and technology to communicate, manage knowledge, mitigate error, and support decision making. (QSEN def)

III. **Professional Identity** – Implement one's role as a nurse in ways that reflect integrity, responsibility, ethical practices, and an evolving identity as a nurse committed to evidence-based practice, caring, advocacy, and safe, quality care for diverse patients within a family and community context. (NLN def)

Teamwork and Collaboration – Function effectively within nursing and inter-professional teams, fostering open communication, mutual respect, and shared decision-making to achieve quality patient care. (QSEN def)

IV. **Spirit of Inquiry** – Examine the evidence that underlies clinical nursing practice to challenge the status quo, questions underlying assumptions, and offer new insights to improve the quality of care for patients, families, and communities. (NLN def)

Evidence-based practice – Integrate best current evidence with clinical expertise and patient/family preferences and values for delivery of optimal health care. (QSEN def)

Quality Improvement – Use data to monitor the outcomes of care processes and use improvement methods to design and test changes to continuously improve the quality and safety of health care systems. (QSEN def)

The conceptual framework derived from the philosophy forms a basis for the organization and structure of the nursing curriculum. This framework serves as a guide for nursing instruction in the attainment of student learning outcomes.

The framework consists of concepts that encompass the qualities of a successful graduate nurse. NLN competencies were chosen because they specifically define the competencies of the graduate Associate Degree Nurse. QSEN competencies reflect current contemporary practice. Concepts interlace NLN and QSEN competencies to achieve the goal of providing graduate nurses with the tools needed to provide holistic care in an ever-changing health care delivery system. Each competency includes knowledge, skills and attitudes to serve as a basis for consistent performance expectations across academic and practice settings.

Center for Professional, Career, and Technical Education

The mission of the Center for Professional, Career, and Technical Education is to provide educational and workforce training experiences that are designed to prepare students for immediate employment and upgrade current worker skills. The Center is committed to offering high quality programs and services that support the mission of the college. The Center offers the following professional, career, and technical programs: Biomedical Equipment Technology; Construction and Building Science Technology; Child Development; Clinical Laboratory Technology; Criminal Justice-Law Enforcement; EMS/Paramedic; Funeral Service; Hospitality Management/Culinary Apprenticeship; Manufacturing and Technology; Physical Therapist Assistant; Radiologic Technology Program; and Veterinary Technology (Distance Learning).

The Center strives to:

- provide relevant professional, career, and technical programs, courses, and training opportunities that are designed to meet the educational and training needs of students and employers
- update curricula, laboratories, and technology as necessary to re-main current with industry standards and to ensure that students are provided quality learning opportunities
- explore new teaching methodologies and delivery modes that may enhance student learning and expand access to educational offerings
- establish partnerships and maintain relationships with schools, colleges and universities, business/industry, municipalities, and other external groups
- provide quality advising and guidance to students to enhance student success
- maintain a professional and knowledgeable faculty
- maintain standards of excellence in programs content

Distance Education Division

The Distance Education Division increases access to college courses by utilizing educational technologies and Internet based content delivery methods that reduce, and in some cases, eliminate, the need for students to be in particular locations at set times to receive instruction.

Division Outcomes

- Oversee development and design of transfer, career and developmental courses to ensure comparability of distance education courses with courses delivered in the traditional manner.
- Make effective and innovative use of educational hardware, software and web services to develop and deliver Internet, hybrid/blended and interactive videoconference courses.

- Schedule flexible learning opportunities that meet the needs of students with constraints that prevent them from attending traditional classes.
- Promote faculty development and training in the use of educational technologies and alternative methods of delivering instruction.
- Coordinate dual enrollment courses for qualified high school students.

Distance education courses follow the same course outlines as courses delivered in the traditional manner and are taught by qualified Jefferson State instructors. Upon successful completion of these courses, students receive credit equivalent to traditional courses.

Program Admission Requirements

Career and Professional Programs

Admission to the college does not guarantee admission to career and professional programs. To ensure that students have the best possible opportunity to succeed in their chosen fields and to gain employment in those fields after graduation, Jefferson State requires that students meet certain standards for admission to these programs. These standards include making up any background deficiencies, completing any required developmental courses, and satisfying pre-entry program requirements. Advisors are available to direct students toward courses and procedures that may enable them to gain entry into these programs.

Prior to seeking admission to these programs, the student should meet with an advisor to discuss program requirements and develop a plan for satisfying the requirements. There are some program courses, which can be taken prior to admission to the program, and the advisor will help with the selection of these and other general education courses that can be used to fulfill degree requirements once admitted to the program.

Programs of Study

University Parallel Programs

The Alabama General Studies Committee has approved program templates and/or articulation guides for the following university parallel programs.

AA/AS Programs

Biology Department

Chilton-Clanton Campus (205) 280-8200
Jefferson Campus (205) 856-8521
Shelby-Hoover Campus (205) 983-5934
St. Clair-Pell City Campus (205) 812-2700

Biology
Environmental Science
Fisheries Aquaculture, and Aquatic Sciences (AU)
Health Science (Athens)
Health Services Administration (AU)
Pharmacy (Samford)
Respiratory Therapy/Cardiopulmonary Sciences
Wildlife Ecology and Management (AU)

Students applying to dental, medical, or veterinary school should seek advising from the Biology Department.

Business/Information Systems Department

Jefferson Campus (205) 856-7864
Shelby-Hoover Campus (205) 983-5245

Advertising (UA)
Business
Business (Huntingdon)
Business (UAB)
Computer Science
Consumer Sciences (UA)
Economics B.A.
Family and Consumer Sciences/Human Environmental Sciences
Information Systems (USA)
Information Technology (USA)
Physical Activity and Health (AU)
Public Administration (AU)
Public Health (UAB)
Public Safety and Health Administration (Athens)

Advertising Communications Department

Jefferson Campus (205) 856-8585
Shelby-Hoover Campus (205) 983-5980

   Communication Studies
   English
   English/Language Arts Ed: Middle/High School
   Foreign Language
   Journalism
   Speech
   Speech Pathology
   Theatre

Liberal Arts Department

Jefferson Campus (205) 856-8585
Shelby-Hoover Campus (205) 983-5999

   Anthropology
   Art History B.A.
   Art Studio B.A.
   Art Studio B.F.A.
   Associate in Arts
   Behavioral Science (Athens)
   Dance (UA)
   Geography
   Graphic Design (AU)
   History
   Human Development and Family
   Studies (AU and UA)
   Human Services (TSU)
   Interdisciplinary Studies (Samford
   Adult Degree Program)
   International Studies (UAB)
   Liberal Studies (Athens)
   Music
   Philosophy
   Political Science
   Psychology B.A. or B.S.
   Public Relations
   Religious Studies
   Social Science
   Social Work
   Sociology

Math/Engineering/Physical Sciences Department

Jefferson Campus (205) 856-8521
Shelby-Hoover Campus (205) 983-5948

   Applied Mathematics (AU)
   Chemistry
   Engineering
   • Aerospace
   • Biomedical (UAB)
   • Biosystems (AU)
   • Chemical
   • Civil
   • Computer Engineering
   • Computer Science
   • Electrical
   • Industrial
   • Materials
   • Mechanical
   Geology
   Laboratory Technology (AU)
   Mathematics
   Meteorology (USA)
   Physics

Physical Education Faculty

Jefferson Campus (205) 856-6007

   Art Education
   Athletic Training
   Biology Education
   Business Ed: Middle/High School
   Career Technical Education (Athens)
   Chemistry Education
   Elementary/Early Childhood Education
   French Ed:Middle/High School
   General Sciences Ed:Middle/High School
   General Studies in Human
   Environmental Sciences (UA)
   Geography Ed:Middle/High School
   German Ed:Middle/High School
   Health Ed:Middle/High School
   Health, PE, and Recreation (UNA)
   History Ed:Middle/High School
   Interpreter Training (Troy)
   Math Ed:Middle/High School
   Music Education

Physical Education
Physics Education
Recreation Leadership (JSU)
Social Studies Ed:Middle/High School
Spanish Ed:Middle/High School
Special Education
Sport and Fitness Management (TSU)

Professional, Career and Technical Education Department

Jefferson Campus (205) 856-7848

Agriscience Education (AU)
Agricultural Business and Economics (AU)
Agronomy and Soils (AU)
Animal Sciences
Apparel and Textiles
Architecture (AU)
Biomedical Science
Clinical Laboratory Science/Medical Technology
Building Science (AU)
Criminal Justice
Emergency Management (JSU)
Emergency Medical Services (USA)
Forestry
Forestry (AA&MU)
Horticulture (AU)
Hospitality, Sport and Tourism Mgt (TSU)
Hotel & Restaurant Management (AU)
Industrial Design (AU)
Industrial Hygiene (UNA)
Interior Architecture (AU)
Interior Design
Nutrition
Polymer and Fiber Engineering (AU)
Poultry Science (AU)
Radiologic Sciences (USA)
Rehabilitation (non-certification) (TSU)
Rehabilitation and Disability Studies (AU)
Restaurant, Hotel & Meetings Management (UA)
Technology, Industrial Technology
    or Engineering Technology
Telecommunication and Film or Broadcasting
Textile Management & Technology (AU)

Associate in Applied Science Career and Professional Programs

Jefferson State offers the following two-year, college level programs of study as career and professional programs. These programs prepare students to enter occupational, semi-professional, or para-professional employment and are designed to be completed in two years rather than to constitute the first two years of a four-year program. For descriptions of each program, consult the curriculum listings in the catalog or consult one of the divisions listed below.

Business/Information Systems Department

Jefferson Campus (205) 856-7864
Shelby-Hoover Campus (205) 983-5245

Accounting
• Accounting
• Computerized Accounting
Business Management
• Banking and Finance
• Business Management
Computer Information Systems
• Computer Programming
• Networking
• Web Technologies
Office Administration Technology
• Accounting Support Specialist
• Administrative Office Applications Specialist
• Legal Support Specialist
• Medical Support Specialist

Nursing Education Department

Chilton-Clanton Campus (205) 280-8200
Jefferson Campus (205) 856-6023
Shelby-Hoover Campus (205) 983-5243
St. Clair-Pell City Campus (205) 812-2700

Nursing RN

Professional, Career and Technical Education Department

Jefferson Campus (205) 856-7848

Child Development
- Child Development Educarer
- Child Development Administrator
- Child Development Afterschool

Construction and Building Science Technology
- Architectural/Civil Design Technology
- Construction Management Technology

Emergency Medical Services Technician
- Paramedic

Funeral Service Education

Hospitality Management
- Baking/Pastry
- Culinary Apprentice
- Foodservice/Culinary Management
- Hotel/Restaurant Management

Law Enforcement

Manufacturing and Technology
- Automotive/Automated Manufacturing
- Biomedical Equipment Technology
- Computer Aided Drafting/Design
- Electronics
- Industrial Technology
- Manufacturing Systems Technology
- Welding Technology

Veterinary Technology

Shelby-Hoover Campus (205) 983-5243

Child Development
- Child Development Educarer
- Child Development Administrator
- Child Development Afterschool

Emergency Medical Technician
- Paramedic

Hospitality Management
- Baking/Pastry
- Foodservice/Culinary Management
- Hotel/Restaurant Management

Law Enforcement

Physical Therapist Assistant

Radiologic Technology

Certificate Programs

For descriptions of each program, consult the listing in the "Career Programs" section of this catalog.

Business/Information Systems Department

Jefferson Campus (205) 856-7864
Shelby-Hoover Campus (205) 983-5245

Accounting

Business Management
- Banking and Finance
- Business Management

Computer Information Systems Technology
- Computer Programming
- Networking
- Swift App Development
- Web Technologies

Professional, Career and Technical Education Department

Jefferson Campus (205) 856-7848

Child Development
- Child Development Educarer
- Child Development Administrator
- Child Development Afterschool
- Child Development Basic Certificate

Construction and Building Science Technology
- Architectural/Civil Design Technology
- Construction Management Technology
- Ironworker

Funeral Service

Hospitality Management
- Baking/Pastry
- Foodservice/Culinary Management
- Hotel/Restaurant Management

Law Enforcement

Manufacturing and Technology
- Automotive/Automated Manufacturing
- Biomedical Equipment Technology
- Computer Aided Drafting/Design

- Electronics
- Industrial Technology
- Manufacturing Systems Technology
- Welding Technology
- Welding Technology-NCCER Level I

MLT/Phlebotomy

Shelby Campus (205) 983-7848

Child Development
- Child Development Educarer
- Child Development Administrator
- Child Development Afterschool
- Child Development Basic Certificate

Hospitality Management
- Baking/Pastry
- Foodservice/Culinary Management
- Hotel/Restaurant Management

Law Enforcement