

Academic Program Proposals

October 29, 2010

The following is a list of academic program proposals being considered for approval at the October 29, 2010, Arkansas Higher Education Coordinating Board Meeting.

The Institution's Name, Program Title, and Program Summary are listed below. Contact ADHE for a copy of the proposals.

If you have concerns, objections, questions or comments concerning a specific proposal, please send them to **Cynthia Moten** (Cynthia.Moten@adhe.edu) at ADHE no later than **September 1, 2010**.

Arkansas State University-Jonesboro Master of Science in Biotechnology

Program Summary

Biotechnology training is fundamental to many careers in today's knowledge-based economy and focuses on the interfaces among applied biology, bioinformatics, chemistry, agriculture, and medicine. There is an increasing need for professionals to be trained in necessary laboratory skills required for employment by molecular biology and biotechnology intensive companies. According to the most recent U.S. Department of Labor statistics, there will be a projected increase of 20-35% in the demand for advanced degree positions in the agricultural and biopharmaceutical industries over the next 10 years. Arkansas State University-Jonesboro (ASUJ) is uniquely located and positioned to promote economic development in biotechnology industries in northeast Arkansas and the lower Mississippi Delta. Partnering with business, industry, and government agencies, this program addresses the growing demand for a highly skilled biotechnology workforce. The Professional Science Master's Biotechnology (PSM-Biotechnology) program is designed as a terminal master's degree, integrating classroom instruction stressing concepts and theory with an intensive laboratory experience focused on techniques and acquisition of hands-on skills required by a professional biotechnologist. Last year Arkansas State University developed the MS in Biology, Biotechnology emphasis, as an intermediate step for the implementation of this program.

The goals of the program are to: ensure students master the theoretical concepts and technical skills needed by the linked disciplines of chemistry, biology, and agriculture; foster a team approach to performing research; place students in an internship in which the skills they have acquired through the PSM-Biotechnology program are demonstrated at a work place and their skill set is enhanced and expanded; and ensure students compete successfully for quality technical and/or research positions in Academia, industry and government.

The singular curriculum addition for this program over the existing and approved MS in Biology, Biotechnology emphasis, is the creation of a new course, BIO 6006 Internship in Biotechnology. Each student will be required to complete a 300 hour internship, which will take place during the fall semester of the second year (the final semester of the program). Students will be placed at one of several research institutions or agencies where research may or may not be the focus of that experience. Some of the institutions involved with this program are applications-based rather than research-based. Placement will be determined by the student, Program Director and affiliated institution. Several businesses and agencies have been contacted and have committed their support to housing interns during this period. This group of mentoring institutions includes the Dale Bumpers National Rice Research Center in Stuttgart, AR, Rice Research and Extension Center in Stuttgart, AR, the National Center for Toxicology Research in Jefferson, AR, the Arkansas State Crime Lab in Little Rock, AR, the Arkansas Biosciences Institute (ABI) in Jonesboro, AR, St. Jude Children's Hospital in Memphis, TN, and Transnetyx, Inc. in Cordova, TN.

The PSM-Biotechnology program is designed to support economic development in northeast Arkansas through knowledge-based industry development arising out of the ABI, MBS and related programs at

ASUJ. Similar to the PhD program, this will be an interdisciplinary program integrating the knowledge and technical skills of several disciplines. ASUJ has success in developing graduate interdisciplinary programs, such as the doctoral programs for Molecular Biosciences, Environmental Sciences, and for Heritage Studies; the policy models used for those successful programs will be adapted to the PSM-Biotechnology program. Both the PSM-Biotechnology and PhD programs are in concert with the state's ABI mandate and funding and are a logical extension of recent ASUJ faculty recruitment with an increased focus on cellular and molecular biology.

**Cossatot Community College of the University of Arkansas
CCCUA – College Outreach Center at Murfreesboro**

Program Summary

Because the CCCUA Nashville facility is near capacity and the cost for additional classroom space in Nashville would be approximately \$150 per square foot, CCCUA plans to purchase a 13,000 square foot building located in the west part of Murfreesboro at a cost of only \$15 per square foot. The Murfreesboro community has overwhelmingly demanded and supported CCCUA as having a presence in the area. Murfreesboro is 13 miles from the CCCUA Nashville site.

Classes will be offered in a rented building in Murfreesboro beginning in August 2010, but courses will not be offered in the proposed Outreach Center until receipt of final ADHE approval to purchase the building. CCCUA expects the annual enrollment to be a minimum of 50 students per semester with 50% growth expected each year for the first three years. It is anticipated that 5-10 courses will be offered each semester which will ease the student load burden on at the Nashville site.

**National Park Community College
Associate of Arts and Associate of Liberal Arts by Distance Technology**

Program Summary

The Associate of Arts degree gives students who plan to transfer to a four-year college or university the opportunity to complete the first two years of course work leading to a baccalaureate degree. Although many courses at NPCC transfer to most colleges and universities, a student must see a NPCC counselor to be sure the courses will apply to a specific bachelor's degree. Each candidate for the Associate of Arts degree must successfully complete the general education requirements which are in compliance with ACT 98 of 1989.

The Associate of Liberal Studies (ALS) offers students flexibility in selecting courses to meet their individual employment and educational needs. Although many courses leading to the ALS degree may be transferable on an individual basis, sometimes the combination of courses will not complete a major area suitable for transfer. Students must see a counselor or advisor pertaining to the transfer of courses taken to complete the degree.

Due to the increasing use of technology and the student demand within the institutional service area, the existing associate degree programs need to be offered by distance technology. Additionally, the distance programs will assist NPCC in fulfilling the institutional mission and value statements by providing access to students who otherwise are unable to achieve their educational goals.

**Southern Arkansas University-Tech
Technical Certificate in Welding
Welding Academy at Magnolia Business Industry Training Center**

Program Summary

SAU-Tech proposes the development of a Welding Academy at the Magnolia Business and Industry Training Center, a site previously approved by ADHE. The proposed 30-semester credit hour welding certificate will include a minimum of 24 clock hours per week of intensive training in the area of SMAW (stick), GTAW (tig), and GMAW (mig) welding processes that will lead to welding certifications and employability. The total program of study will be nine months of instructional activity based on a four-day

week Monday through Thursday. SAU-Magnolia has agreed to provide, at the student's expense, a dormitory facility and meal plan for students, if needed. The student will pay a lab fee for supplies. SAU-Tech will provide instruction and required equipment. The equipment is provided through a grant and the instructor will fill an existing slot.

Students admitted into the Academy will have to pass a pre-test and must be nominated by a high school welding instructor or an instructor teaching welding at Arkansas' two-year colleges. Many applicants will have competed in the Arkansas SkillsUSA Welding competition. Each cohort of students will be no less than 10 and no more than 15. The proposed program is in response to a business and industry request.

University of Arkansas–Fort Smith Bachelor of Science in Animation Technology

Program Summary

The Bachelor of Science in Animation Technology to be offered by the Computer Aided Drafting and Design Department will enable students to participate in the very fast growing field of applied animation. A bachelor's degree in the study of animation technology will be a degree completion program offered for CADD graduates. Applied animation finds application in various areas including, but not limited to, education, entertainment, engineering, medicine, mathematics, business, scientific research and geographical spatial applications (3D Cartography).

Animation technology is a very unique program that prepares students to be practitioners and managers of a wide variety of computer graphics related jobs. This degree is designed to provide a modern technology approach with enhanced flexibility in the curriculum to allow topics of emerging importance to be covered. The program would prepare students for world class employment opportunities by providing a firm, in-depth understanding of applied animation.

Institutional Certification Advisory Committee (ICAC)

The following applications for certification will be reviewed by ADHE for possible consideration at the September 2010 ICAC quarterly meeting.

American Public University/American Military University, Charles Town, West Virginia

Initial Certification – Distance Technology

- Bachelor of Arts in Emergency and Disaster Management
- Bachelor of Arts in Homeland Security
- Bachelor of Arts in Intelligence Studies
- Bachelor of Science in Sports and Health Sciences
- Master of Arts in Homeland Security
- Master of Business Administration

Anthem College, Phoenix, Arizona

Initial Certification – Distance Technology

- Bachelor of Applied Science in Business Management
- Bachelor of Applied Science in Criminal Justice
- Bachelor of Applied Science in Healthcare Management

Bryan College, Springfield, Missouri

Initial Certification – Distance Technology and Rogers, Arkansas Campus

- Associate of Applied Science in Medical Administrative Specialist
- Associate of Applied Science in Criminal Justice

Initial Certification – Distance Technology

- Associate of Applied Science in Business Administration and Management
- Associate of Applied Science in Computer Information Systems - Networking
- Associate of Applied Science in Medical Assistant

Recertification – Rogers, Arkansas Campus

Associate of Applied Science in Business Administration and Management
Associate of Applied Science in Computer Information Systems - Networking
Associate of Applied Science in Medical Assistant
Associate of Applied Science in Exercise Specialist

Initial Certification – Establishment of New Site in Little Rock, Arkansas

Associate of Applied Science in Business Administration and Management
Associate of Applied Science in Computer Information Systems - Networking
Associate of Applied Science in Medical Assistant
Associate of Applied Science in Medical Laboratory Technician
Associate of Applied Science in Medical Administrative Specialist
Associate of Applied Science in Criminal Justice

DeVry University, Naperville, Illinois

Initial Certification – Distance Technology

Bachelor of Science in Biomedical Engineering Technology
Bachelor of Science in Computer Engineering Technology
Bachelor of Science in Electronic Engineering Technology
Bachelor of Science in Liberal Studies

Ecclesia College, Springdale, Arkansas

Recertification

Associate of General Studies
Bachelor of Science in Sport Management
Bachelor of Science in Business Administration

Everest College, Orlando, Florida

Initial Certification – Distance Technology

Associate of Science in Business
Associate of Science in Criminal Investigations
Associate of Science in Criminal Justice
Associate of Science in Medical Insurance Billing and Coding
Associate of Science in Paralegal

Everest College, Phoenix, Arizona

Initial Certification – Distance Technology

Associate of Applied Science in Accounting
Associate of Applied Science in Business
Associate of Applied Science in Criminal Investigations
Associate of Applied Science in Criminal Justice
Bachelor of Science in Criminal Justice

Franklin University, Columbus, Ohio

Initial Certification – Distance Technology

Bachelor of Science in Business Economics
Bachelor of Science in Financial Planning
Bachelor of Science in Interactive Media Design
Master of Science in Accounting
Master of Science in Structural Design and Performance Technology

Kaplan University, Davenport, Iowa

Initial Certification – Distance Technology

Associate of Applied Science in Business Administration
Associate of Applied Science in Public Administration
Master of Business Administration
Master of Science in Management

Master of Science in Legal Studies
Master of Health Care Administration
Master of Public Health

University of Phoenix, Phoenix, Arizona

Initial Certification – Distance Technology, Rogers and Little Rock Campuses

Bachelor of Science in Accounting
Accounting Graduate Certificate
Marketing Graduate Certificate
Human Resource Management Certificate
Configuration Data Management Certificate

Walden University, Minneapolis, Minnesota

Initial Certification – Distance Technology

Bachelor of Science in Accounting
Bachelor of Science in Health Studies
Bachelor of Science in Information Technology
Master of Science in Forensic Psychology
Master of Science in Health Informatics
Doctor of Philosophy in Psychology

Recertification – Distance Technology

Doctor of Philosophy in Applied Management and Decision Sciences
Doctor of Philosophy in Public Policy and Administration
Master of Science in Systems Engineering
Master of Science in Software Engineering