

APPROVED
February 4, 2014

Item #III-8
February 4, 2014

NEW UNITS OF INSTRUCTION AT PUBLIC COMMUNITY COLLEGES

Submitted for: Action.

Summary: This item requests approval of three new associate degree programs to be offered at three community colleges.

Action Requested: That the Illinois Board of Higher Education approves the following programs at the colleges indicated:

College of DuPage

- Associate in Applied Science in Music Business

Joliet Junior College

- Associate in Applied Science in Diagnostic Medical Sonography

Kaskaskia College

- Associate in Applied Science in Web Design and Systems
Master

STATE OF ILLINOIS
BOARD OF HIGHER EDUCATION

NEW UNITS OF INSTRUCTION AT PUBLIC COMMUNITY COLLEGES

By statute, the Illinois Board of Higher Education (IBHE) is responsible for approving new associate degree programs proposed by public community colleges. The Board's approval criteria, defined in administrative rules, address relevance to college mission, academic control, faculty and staff, support services, financial resources, student demand, employer demand, curriculum, and congruence with IBHE policies and priorities. Before a recommendation for approval of an associate degree program is submitted to the IBHE for approval, staffs of the IBHE and the Illinois Community College Board review the proposal. Once agreement is reached on a proposal having met the approval criteria, a recommendation for approval is presented to each board.

College of DuPage
425 Fawell Boulevard
Glen Ellyn, Illinois 60137
President: Dr. Robert Breuder

Proposed Program Title in Region of Authorization: Associate in Applied Science in Music Business

Projected Enrollments: College of DuPage anticipates an enrollment of five full-time and three part-time students in the first year, increasing to 15 full-time and five part-time students by the third year.

Introduction, Curriculum, and Assessment of Student Learning Outcomes

The College of DuPage is seeking approval to offer a 64-credit hour Associate in Applied Science degree in Music Business. This program will prepare individuals for entry-level employment in the music industry in positions related to music production, broadcast technology, sales, promotion, and representation. The program was developed according to outcomes established by local business and industry leaders to prepare graduates with a strong, foundational understanding of the music industry as well as provide specialized skills in music theory.

The curriculum consists of 19 credit hours of required general education coursework, 41 credit hours of required career and technical education coursework, and four credit hours of related technical electives. The career and technical component includes instruction in introductory through advanced levels of music theory, introductory through advanced levels of aural skills, introductory through advanced levels of piano, applied music, fundamentals of music business, recording technology, and principles of accounting, business, management, and marketing. The proposed program was also developed with articulation towards a Bachelor's in Music (BM) in mind. The College has established 2+2 agreements with Elmhurst College (BM or BS in Music Business), Millikin University (BM in Music Business or Commercial Music), Bradley University (BA or BS in Music Business), and Western Illinois University (BM in Music

Business). Assessment of student learning objectives will be achieved through evaluation of capstone projects in three main areas: an original music composition piece, a research project in a topic specifically related to the music business industry, and an audio project related to modern recording techniques.

Labor Market Information

Labor market information provided by the College supports the interest in and the need for a two-year degree program in this field of study. According to the Illinois Department of Employment Security, employment is expected to increase by 5.1 percent statewide for audio equipment technicians through 2020. Other related occupations such as broadcast technicians and sound engineers are also expected to see positive employment growth over the next six years across the state. The College was recently approved to offer a related short-term certificate program in Audio Production. The proposed degree will provide certificate students with an educational ladder opportunity to further their education and training.

Resources: Faculty, Staff, etc.

Facilities and equipment are currently in place to adequately support the program. One full-time existing faculty and one new part-time faculty will be necessary to support the program. Qualified faculty will possess a Master's degree in Music, Music Business, or a related field of study, three years related occupational experience, and three years teaching experience. The cost of implementing the program will be approximately \$3,500 per year during the first three years. The program will be fiscally supported by student tuition and fees.

Staff Conclusion. College of DuPage and its proposed program meet the criteria to implement the Board of Higher Education Act (110 ILCS 205) as set forth in 23 Ill. Adm. Code 1050.30 and the Illinois Board of Higher Education policies pertaining to assessment and accreditation for licensure.

Joliet Junior College
1215 Houbolt Road
Joliet, Illinois 60431
President: Dr. Debra Daniels

Proposed Program Title in Region of Authorization: Associate in Applied Science in Diagnostic Medical Sonography

Projected Enrollments: Joliet Junior College anticipates a combined enrollment of ten full-time students the first year, increasing to 20 full-time students by the third year.

Introduction, Curriculum, and Assessment of Student Learning Outcomes

Joliet Junior College is seeking approval to offer a 72-credit hour Associate in Applied Science degree in Diagnostic Medical Sonography. This program will prepare individuals for entry-level employment as diagnostic medical sonographers. The curriculum was developed according to standards and guidelines for accreditation of educational programs developed by the Commission on Accreditation of Allied Health Education Programs and will prepare graduates for optional credentialing by the American Registry of Diagnostic Medical Sonographers. Registration credentials available include Abdomen, Obstetrics/Gynecology, and Sonography Principles and Instrumentation.

The curriculum consists of 18 credit hours of required general education coursework and 54 credit hours of required career and technical education coursework. The career and technical component includes instruction in human anatomy and physiology, sonography principles and procedures, sonography physics, abdominal and small parts sonography, sectional anatomy in imaging, sonographic image critique, OB/GYN sonography, OB/GYN pathology, sonography specialties, and special topics, in addition to required clinical education in a diagnostic medical sonography setting. Assessment of student learning objectives will be achieved through several means, including observation of the student's performance during the clinical work-based learning experience, the evaluation of a student portfolio including artifacts of the student's educational accomplishments, and assessment of their completion of a mock Registry Exam conducted by program faculty.

Labor Market Information

Labor market information provided by the College supports the interest in and the need for a two-year degree program in this field of study. According to the Illinois Department of Employment Security, employment of diagnostic medical sonographers is expected to increase by 25.4 percent statewide through 2020. The College was also recently approved to offer a related Diagnostic Medical Sonography certificate program that will share facilities, faculty, and support resources.

Resources: Faculty, Staff, etc.

The program will utilize one existing full-time faculty the first year, adding one part-time faculty member the second year. Qualified faculty will possess a minimum of a Bachelor's degree in Diagnostic Medical Sonography, at least two years full-time work experience as a Registered Diagnostic Medical Sonographer, and one year teaching experience. All classroom and laboratory space is currently in place to adequately support the programs; however, equipment and resource material purchases are budgeted over the first three years of operation. The cost to implement both programs will be approximately \$220,075 in year one, \$128,500 in year two, and \$133,500 in year three. The programs will be fiscally supported by student tuition and fees.

Staff Conclusion. Joliet Junior College and its proposed program meet the criteria to implement the Board of Higher Education Act (110 ILCS 205) as set forth in 23 Ill. Adm. Code 1050.30 and the Illinois Board of Higher Education policies pertaining to assessment and accreditation for licensure.

Kaskaskia College
27210 College Road
Centralia, Illinois 62801
President: Dr. Jim Underwood

Proposed Program Title in Region of Authorization: Associate in Applied Science in Web Design and Systems Master

Projected Enrollments: Kaskaskia College anticipates an enrollment of ten full-time and two part-time students in the first year, increasing to 20 full-time and five part-time students by the third year.

Introduction, Curriculum, and Assessment of Student Learning Outcomes

Kaskaskia College is seeking approval to offer a 66-semester credit hour Web Design and Systems Master Associate in Applied Science degree program. This program will prepare individuals for entry-level employment as web software and systems developers designing, implementing, supporting and managing web applications, web servers, mobile applications, and virtualization technology. The curriculum consists of 16 credit hours of required general education coursework and 50 credit hours of required career and technical education coursework. The career and technical component includes instruction in computer logic, design concept essentials, HTML, database management, web authoring applications, dynamic web programming, digital imaging, JavaScript, mobile applications, virtualization technology, ASP.net dynamic web programming, web server systems management, client operating systems, and a required work-based learning experience in web design. Assessment of student learning will be achieved through evaluation of student performance during the work-based learning component, as well as through a review of an educational portfolio conducted by program faculty.

Labor Market Information

Labor market information provided by the College supports the interest in and the need for a two-year degree program in this field of study. The College worked with local business and industry representatives on their program advisory committee to develop the proposed program, which serves as a major revision to the College's existing related degree offering. The proposed degree reflects more relevant learning objectives, program outcomes, and technology required for students to be successful in this field. The program will prepare students for optional, yet desirable, industry credentials: Microsoft's Microsoft Certified Solutions Developer and Microsoft's Technology Associate certifications, VMware's VMware Certified Associate certification, and CompTIA's iNet certification. According to the Illinois Department of Employment Security, employment of computer applications software developers is expected to increase by 30.9 percent and employment of computer systems software developers is expected to increase by 25.4 percent statewide through 2020.

Resources: Faculty, Staff, etc.

Facilities, equipment, and related resources are currently in place to adequately support the program. The program will require one full-time existing faculty member. Qualified full-time faculty will possess a Master's in Information Technology, three years related occupational experience, and three years of teaching experience. No new costs are anticipated to implement the proposed program, which will be supported fiscally through student tuition and fees.

Staff Conclusion. Kaskaskia College and its proposed program meet the criteria to implement the Board of Higher Education Act (110 ILCS 205) as set forth in 23 Ill. Adm. Code 1050.30 and the Illinois Board of Higher Education policies pertaining to assessment and accreditation for licensure.

The staff recommends adoption of the following resolutions:

The Illinois Board of Higher Education hereby grants authority to College of DuPage to offer the Associate in Applied Science in Music Business subject to the institution's implementation and maintenance of the conditions that were presented in its application and that form the basis upon which this authorization is granted.

The Illinois Board of Higher Education hereby grants authority to Joliet Junior College to offer the Associate in Applied Science in Diagnostic Medical Sonography subject to the institution's implementation and maintenance of the conditions that were presented in its application and that form the basis upon which this authorization is granted.

The Illinois Board of Higher Education hereby grants authority to Kaskaskia College to offer the Associate in Applied Science in Web Design and Systems Master subject to the institution's implementation and maintenance of the conditions that were presented in its application and that form the basis upon which this authorization is granted.

