

NEW UNITS OF INSTRUCTION AT PUBLIC COMMUNITY COLLEGES

Submitted for: Action.

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

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

College of DuPage

- Associate of Applied Science in Homeland Security

Joliet Junior College

- Associate of Applied Science in Auto Body Repair

Lewis & Clark Community College

- Associate of Applied Science in Restoration Ecology

McHenry County College

- Associate of Applied Science in Culinary Management

Triton College

- Associate of Applied Science in Digital Photography

STATE OF ILLINOIS
BOARD OF HIGHER EDUCATION

NEW UNITS OF INSTRUCTION AT PUBLIC COMMUNITY COLLEGES

By statute, the Illinois Board of Higher Education 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 (ICCB) 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 60137-6599
President: Dr. Robert L. Breuder

Proposed Program Title: Associate of Applied Science in Homeland Security

Projected Enrollments: College of DuPage anticipates enrollments in the proposed Associate of Applied Science in Homeland Security program to be eight full-time and ten part-time students the first year, increasing to 15 full-time and 25 part-time students by the third year.

Introduction, Curriculum, and Assessment of Student Learning Outcomes

College of DuPage (the College) is seeking approval to offer a 64 credit hour Associate of Applied Science (A.A.S.) degree program in Homeland Security. This program will prepare individuals for employment in a homeland security role with a variety of public and/or private law enforcement or government settings. The curriculum consists of 18 credit hours of required general education coursework, 36 credit hours of career and technical coursework, and ten credit hours of related technical electives. The career and technical component includes instruction in introductory criminal justice, criminal law, multiculturalism and diversity in criminal justice, constitutional law, introductory homeland security, emergency management, continuity of operations, critical incident management, disaster management and response, introductory domestic and international terrorism, introductory intelligence of homeland security, and introductory bio security and bio terrorism.

Student learning outcome results will be analyzed and improved using the process of assessing students' performance on a cumulative research project on a homeland security incident.

Labor Market Information

Labor market information provided by the College supports the interest in and the need for instruction and training in this field of study. Student interest, ranging from existing students in related criminal justice programs to new students (both new to the College and professionals from the field looking for cross-training or professional development) has been consistent over the last several years based on public inquiries and College survey data. Likewise, the Illinois Department of Employment Security (IDES) projects an employment growth of 14.2 percent for all law enforcement workers and an employment growth of 18.5 percent for all other protective service workers statewide through the year 2018.

Resources: Faculty, Staff, etc.

One existing full-time and three existing part-time faculty will be utilized during the first year of the proposed program. Qualified faculty hold a minimum of a Master's degree in Criminal Justice with a minimum two years of related work experience in homeland security or in criminal justice with a homeland security role. All facilities and equipment are adequately in place to support the program. The program will be fiscally supported through tuition and fees during the first three years as no new costs are anticipated for implementation.

Staff Conclusion. The staff concludes that College of DuPage and its proposed degree program meets the criteria in Sections 1030.30 and 1030.60 of the rules to implement the Private College Act (110 ILCS 1005) and The Academic Degree Act (110 ILCS 1010) and the Illinois Board of Higher Education policies pertaining to assessment and accreditation for licensure.

Joliet Junior College
1215 Houbolt Road
Joliet, Illinois 60431-8938
President: Dr. Gena Proulx

Proposed Program Title: Associate of Applied Science in Auto Body Repair

Projected Enrollments: Joliet Junior College anticipates enrollments in the proposed Associate of Applied Science in Auto Body Repair program to be 15 full-time and ten part-time students during each of the first three years.

Introduction, Curriculum, and Assessment of Student Learning Outcomes

Joliet Junior College (the College) is seeking approval to offer a 64 credit hour Associate of Applied Science (A.A.S.) degree in Auto Body Repair. This program will prepare individuals for employment as auto body repair technicians. The program was developed according to National Automotive Technicians Education Foundation (NATEF) standards. The curriculum consists of 15 credit hours of required general education and 49 credit hours of required career and technical education coursework. The career and technical component includes instruction in introductory and advanced non-structural repair; introductory, intermediate, and advanced levels of automotive refinishing; automotive plastic repair; automotive welding; automotive detailing; electrical fundamentals; electrical/electronic diagnosis; chassis; steering and alignment; and air conditioning and climate control. The program will prepare graduates for optional Automotive Service Excellence (ASE) certifications in Painting and Refinishing, Non-Structural Repair, and Mechanical Systems.

Student learning outcome results will be analyzed and improved using the process of assessing students' performance on a cumulative auto body repair project.

Labor Market Information

Labor market information provided by the College is supportive of a two-year training program in this field of study. According to the Illinois Department of Employment Security (IDES), employment of auto body and related repairers is expected to increase by 14 percent statewide through 2018.

Resources: Faculty, Staff, etc.

The College currently partners with a local career center for instructional and laboratory space to offer related automotive technology instruction. The College will utilize the existing arrangement for facilities and equipment to support the proposed program. One existing full-time and one existing part-time faculty will be required to implement the program. Faculty hold a minimum of an Associate of Applied Science degree in Auto Body Repair Technology, two years of teaching experience, and four years of related work experience. The program will be fiscally supported through tuition and fees during the first three years as no new costs are anticipated for implementation.

Staff Conclusion. The staff concludes that Joliet Junior College and its proposed degree program meets the criteria in Sections 1030.30 and 1030.60 of the rules to implement the Private College Act (110 ILCS 1005) and The Academic Degree Act (110 ILCS 1010) and the Illinois Board of Higher Education policies pertaining to assessment and accreditation for licensure.

Lewis & Clark Community College
5800 Godfrey Road
Godfrey, Illinois 62035-2466
President: Dr. Dale T. Chapman

Proposed Program Title: Associate of Applied Science in Restoration Ecology

Projected Enrollments: Lewis & Clark Community College anticipates enrollments in the proposed Associate of Applied Science in Restoration Ecology program to be ten full-time and five part-time students the first year, increasing to 20 full-time and 15 part-time students by the third year.

Introduction, Curriculum, and Assessment of Student Learning Outcomes

Lewis & Clark Community College (the College) is seeking approval to offer a 64 credit hour Associate of Applied Science (A.A.S.) degree in Restoration Ecology. This program will prepare individuals for employment with agencies and businesses responsible for maintaining and restoring natural resources and environments. The curriculum consists of 16 credit hours of required general education coursework and 48 credit hours of career and technical coursework. The career and technical component of the curriculum includes instruction in field biology, natural resources and environmental science, plant growth and development, plant reproduction, introductory soils, native plants in the landscape, introductory restoration ecology, wetlands restoration, Geographic Information Systems/Global Positioning Systems mapping for industry, and a required internship with an employer responsible for restoration of natural environments.

Student learning outcome results will be analyzed and improved using the process of assessing students' performance during the work-based learning component of the curriculum.

Labor Market Information

Labor market information provided by the College supports the interest in and the need for a program in this field of study. The proposed degree aligns with the College's existing institutional strategic goals for sustainability and comes about as a result of the College's involvement with the National Great Rivers Research and Education Center (NGRREC). The Center is a partnership of the University of Illinois, the College, and the Illinois Natural History Survey charged with conducting research and developing educational programs that increase public understanding of natural environment preservation. The College also conducted its own research to survey public interest in green educational programs which supported the development of this degree program and several related shorter-term certificate programs. Interest in green programs has increased significantly over the past several years as the College continues to further its commitment to reducing and/or eliminating their carbon footprint.

Resources: Faculty, Staff, etc.

Six existing full-time, one existing part-time, and one new part-time faculty will be utilized to implement this program. Qualified faculty hold a minimum of a Master's degree in Biology with three years of related occupational experience in natural environments and five years of teaching experience. Costs to implement this program will be approximately \$7,000 the first year, \$60,000 the second year, and \$63,500 the third year. Higher second and third year costs reflect the addition of a full-time faculty coordinator. The program will be fiscally supported through tuition and fees during the first three years.

Staff Conclusion. The staff concludes that Lewis & Clark Community College and its proposed degree program meets the criteria in Sections 1030.30 and 1030.60 of the rules to implement the Private College Act (110 ILCS 1005) and The Academic Degree Act (110 ILCS 1010) and the Illinois Board of Higher Education policies pertaining to assessment and accreditation for licensure.

McHenry County College
8900 U.S. Highway 14
Crystal Lake, Illinois 60012-2761
President: Dr. Vicky Smith

Proposed Program Title: Associate of Applied Science in Culinary Management

Projected Enrollments: McHenry County College anticipates enrollments in the proposed Associate of Applied Science in Culinary Management program to be 16 full-time and 30 part-time students during each of the first three years.

Introduction, Curriculum, and Assessment of Student Learning Outcomes

McHenry County College (the College) is seeking approval to offer a 71 credit hour Associate of Applied Science (A.A.S.) degree program in Culinary Management. This program will prepare individuals for employment in the field of culinary arts. The program was designed based on American Culinary Federation standards and the National Restaurant Association

Educational Foundation (NRAEF) standards. The curriculum consists of 15 credit hours of required general education coursework and 56 credit hours of required career and technical education coursework. The career and technical component of the curriculum includes instruction in professional hospitality, safety and sanitation, culinary nutrition, inventory and purchasing, menu planning, hospitality inventory cost control, culinary and hospitality supervision, introductory through advanced levels of culinary skills, garde manger and international cuisine, and a work-based learning experience in restaurant operations. Graduates of the program will be eligible for the required Illinois Food Server Sanitation Manager Certification through the Illinois Department of Public Health and the optional NRAEF ManageFirst Certification.

Student learning outcome results will be analyzed and improved using the process of assessing students' performance during the work-based learning component of the curriculum.

Labor Market Information

Labor market information provided by the College supports the interest in and the need for instruction and training in this field of study. Currently the College offers several related certificate programs in culinary arts. The proposed degree will provide students and graduates of those and similar programs with an educational ladder opportunity, as well as a professional development opportunity that could lead towards advancement in their existing employment area. At present the College must send its students to other districts for degree program opportunities. The College has sent 180 students to neighboring community colleges in the last three years. According to the Illinois Department of Employment Security (IDES), growth in the employment of food service managers, chefs, and head cooks is expected to be positive at 9.6 percent and 5 percent, respectively, statewide through the year 2018.

Resources: Faculty, Staff, etc.

The program will require one existing full-time and two existing part-time faculty the first year. Qualified faculty will hold a minimum of an Associate's degree in Culinary Arts and five years of related occupational experience. All facilities and equipment are currently in place, as a result of the existing certificate programs, to adequately support the proposed degree. The program will be fiscally supported through tuition and fees during the first three years as no new costs are anticipated for implementation.

Staff Conclusion. The staff concludes that McHenry County College and its proposed degree program meets the criteria in Sections 1030.30 and 1030.60 of the rules to implement the Private College Act (110 ILCS 1005) and The Academic Degree Act (110 ILCS 1010) and the Illinois Board of Higher Education policies pertaining to assessment and accreditation for licensure.

Triton College
2000 Fifth Avenue
River Grove, Illinois 60171-1995
President: Dr. Patricia Granados

Proposed Program Title: Associate of Applied Science in Digital Photography

Projected Enrollments: Triton College anticipates enrollments in the proposed Associate of Applied Science in Digital Photography program to be ten full-time and 20 part-time students the first year, increasing to 20 full-time and 30 part-time students by the third year.

Introduction, Curriculum, and Assessment of Student Learning Outcomes

Triton College (the College) is seeking approval to offer a 64 credit hour Associate of Applied Science (A.A.S.) degree in Digital Photography. This program will prepare individuals for employment as photographers and digital image production technicians in a variety of settings including commercial and retail photography, pre- and post-production imaging, and multi-media application development. The curriculum includes 17 credit hours of required general education coursework, 41 credit hours of required career and technical education coursework, and six credit hours of related technical electives. The career and technical component includes instruction in graphic design; two-dimensional design; computer art; introductory, digital, and advanced levels of Photoshop; digital and advanced levels of studio photography; photography production; digital video production; and portfolio design.

Student learning outcome results will be analyzed and improved using the process of assessing students' performance on their portfolios.

Labor Market Information

Labor market information provided by the College supports the interest in and the need for a program in this field of study. According to the Illinois Department of Employment Security (IDES), employment growth for photographers is expected to be positive at 7.9 percent statewide through the year 2108. Locally, the College district and surrounding metropolitan area is expected to see a 19 percent increase in employment growth.

Resources: Faculty, Staff, etc.

Three existing full-time and five existing part-time faculty will be required during the first year to implement this program. Qualified faculty will hold a minimum of a master's degree for baccalaureate/transfer courses and a bachelor's degree for career and technical courses, two years of teaching experience, and five years of related occupational experience. Because the proposed program shares coursework with existing programs in art, facilities and equipment are in place to adequately support this program. No new costs are anticipated during the first year of the program; however, costs for new equipment purchases are budgeted during the second and third years for \$17,500 and \$16,000 respectively. The program will otherwise be fiscally supported through student tuition and fees.

Staff Conclusion. The staff concludes that Triton College and its proposed degree program meets the criteria in Sections 1030.30 and 1030.60 of the rules to implement the Private College Act (110 ILCS 1005) and The Academic Degree Act (110 ILCS 1010) and the Illinois Board of Higher Education policies pertaining to assessment and accreditation for licensure.

The staff recommends that the Illinois Board of Higher Education adopt the following resolutions:

The Illinois Board of Higher Education hereby grants authority to College of DuPage to offer the Associate of Applied Science in Homeland Security 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 of Applied Science in Auto Body Repair 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 Lewis & Clark Community College to offer the Associate of Applied Science in Restoration Ecology 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 McHenry County College to offer the Associate of Applied Science in Culinary Management 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 Triton College to offer the Associate of Applied Science in Digital Photography 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.

