

NEW UNITS OF INSTRUCTION AT PUBLIC COMMUNITY COLLEGES

Submitted for: Action.

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

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

Black Hawk College

- Associate in Fine Arts in Art

College of DuPage

- Associate in Applied Science in Game Design and Development

John Wood Community College

- Associate in Applied Science in Surgical Technology

Kaskaskia College

- Associate in Fine Arts in Music

Morton College

- Associate in Applied Science in Health Information Technology

Sauk Valley Community College

- Associate in Applied Science in Fire Science

South Suburban College

- Associate in Applied Science in Navistar Diesel Technology

Southeastern Illinois College

- Associate in Applied Science in Outdoor Recreation

Southwestern Illinois College

- Associate in Applied Science in Electrical Design and Management

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.

Black Hawk College
6600 34th Avenue
Moline, Illinois 61265
President: Dr. Thomas Baynum

Proposed Program Title: Associate in Fine Arts in Art

Projected Enrollments: Black Hawk College anticipates enrolling 36 full-time students in the first year, with increased enrollment projections of 72 and 100 students in the second and third year of the program.

Introduction, Curriculum, and Assessment of Student Learning Outcomes

Black Hawk College (the College) is seeking approval to offer a 62 credit hour Associate in Fine Arts (A.F.A.) in Art degree. The proposed degree is designed to prepare students planning to obtain a baccalaureate degree in a related art field, or enter the workforce with a potential for earning a baccalaureate degree in the future.

The curriculum of the degree is comprised of 37 credit hours in general education courses and 25 credit hours in required degree courses as outlined on the Illinois Articulation Initiative Art Major panel's web page listing the prerequisite, general education, and major course recommendations. The core curriculum has also been designed for flexibility to meet the needs of students regardless of where they transfer; however, all courses are consistent with the requirements of area transfer institutions such as Southern Illinois University Carbondale, Eastern Illinois University, and Western Illinois University.

Assessment of the A.F.A degree courses will occur on an ongoing basis as the result of learning-assessments and will be used to inform continuous quality improvement within the

curriculum. Assessment of general education will continue as a component of the five-year cycle of program review, as required by the Illinois Community College Board.

The proposed degree will address Goals 1 and 3 of the *Illinois Public Agenda* by increasing educational attainment to match the level of best-performing states and by increasing the number of high-quality post-secondary credentials to meet the demands of the Illinois economy.

Labor Market Information

Overall future employment opportunity for artists, art faculty, and designers is good, with some professions in higher demand than others. The Illinois Department of Employment Security's (IDES) occupational employment projections for occupational classifications associated with the A.F.A. degree between 2008 and 2018 are strong but vary from field to field. The employment projections indicate over 1,400 projected annual job openings per year over the ten year period in all listed occupational classifications. Furthermore, the State of Illinois projects 9,499 total positions related to the A.F.A. by 2018 which represents a 25.93 percent increase in all A.F.A. related occupational classifications over the ten year period. It is expected that as graduates of this program transfer to four-year Bachelors in Fine Arts (B.F.A.) in Art programs, they will become more familiar with the employment outlook for different art professions.

Resources: Faculty, Staff, etc.

Instructors for the art core courses include three full-time and five adjunct faculty members. These existing faculty members will be used for the delivery of courses and no new faculty will need to be hired at this time. All classroom facilities, studio facilities, and other needed equipment for the program are adequate and in place to support the A.F.A. The College is continually improving their hardware and software by using a two-year upgrade cycle to stay current with technology. Additional money will be allocated for further software and/or equipment needs as necessary over the first three years.

Staff Conclusion. The staff concludes that Black Hawk College and its proposed degree program meet 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.

College of DuPage
425 Fawell Boulevard
Glen Ellyn, Illinois 60137-6599
President: Dr. Robert L. Breuder

Proposed Program Title: Associate in Applied Science in Game Design and Development

Projected Enrollments: College of DuPage anticipates enrollments in the proposed program to be six full-time and eight part-time students the first year increasing to 15 full-time and 20 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 Game Design and Development Associate in Applied Science (A.A.S.) degree. This program will

prepare individuals for employment as game designers and game software designers. The curriculum was also designed using the *Curriculum Framework* of the International Game Developer's Association (IGDA). This program targets individuals who may already possess programming skills, and those who are more interested in the conceptual design and end-production of a game, rather than the actual programming code. The proposed Game Design and Development curriculum consists of 15 credit hours of required general education coursework, 42 credit hours of career and technical coursework, and seven credit hours of related technical electives. The career and technical component includes instruction in introduction to the gaming industry, game design, programming logic and technique, 3D game development, C++ programming, simulation and serious game design, system analysis and design, and system analyst simulation.

Assessment of student learning objectives will be achieved through evaluation of a comprehensive final project and educational portfolio by program faculty.

The proposed degree will address Goals 1 and 3 of the *Illinois Public Agenda* by increasing educational attainment to match the level of best-performing states and by increasing the number of high-quality post-secondary credentials to meet the demands of the Illinois economy.

Labor Market Information

Labor market information provided by the College supports the interest in and the need for a specialized training program in this field of study. According to the Illinois Department of Employment Security (IDES), employment of computer applications developers is anticipated to increase by 24.5 percent statewide through 2018.

Resources: Faculty, Staff, etc.

Facilities and equipment are adequately in place to support the program, as the College plans to share existing resources from their current IT program offerings. One existing full-time and two existing part-time faculty will be required to implement the program. Qualified faculty hold a minimum of a Bachelor's degree in a Computer Science, Programming or Game Development field, two years related occupational experience, and two years teaching experience. No new costs will be incurred to implement the proposed degree and the program will be supported through student tuition and fees.

Staff Conclusion. The staff concludes that College of DuPage and its proposed degree program meet 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.

John Wood Community College
1301 South 48th Street
Quincy, Illinois 62305
President: Dr. Thomas Kinclar

Proposed Program Title: Associate in Applied Science in Surgical Technology

Projected Enrollments: John Wood Community College anticipates enrollments of 18 full-time students per year during each of the first three years.

Introduction, Curriculum, and Assessment of Student Learning Outcomes

John Wood Community College (the College) is seeking approval to offer a 66 credit hour Associate in Applied Science (A.A.S.) degree in Surgical Technology. This program will prepare individuals for employment as surgical technologists. The curriculum consists of 19 credit hours of required general education and 47 credit hours of required career and technical education. The career and technical component includes instruction in introductory surgical technology, human anatomy and physiology, microbiology, medical terminology, basic and advanced surgical technology, surgical pharmacology, and professional issues for the surgical technologist. The curriculum was developed according to standards outlined by the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA) and meets the requirements for educational programs addressed in the “Core Curriculum for Surgical Technology” published by the Association of Surgical Technologists (AST). Graduates of the proposed degree program will be prepared for credentialing through the National Board of Surgical Technology and Surgical Assisting (NBSTSA) as a Certified Surgical Technologist (CST). Certification is optional in this field for entry-level employment; however, the college indicates the majority of employers prefer this credential for hiring new employees. CSTs are eligible for optional registration in this state through the Illinois Department of Finance and Professional Regulation.

Assessment of student learning will be achieved through evaluation of the student’s performance during the clinical practicum by program faculty.

The proposed degree will address Goals 1 and 3 of the *Illinois Public Agenda* by increasing educational attainment to match the level of best-performing states and by increasing the number of high-quality post-secondary credentials to meet the demands of the Illinois economy.

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 conducted a survey of employers and students within the district and found a strong interest in the development of a degree program. Employers also expressed interest in an advanced curriculum due to impending changes to the entry-level educational requirements for credentialing by the AST. According to the Illinois Department of Employment Security (IDES), employment of surgical technologists is expected to increase by 23.8 percent statewide through 2018.

Resources: Faculty, Staff, etc.

Because the College already offers a related program, all facilities (including classroom and laboratory space) are in place to adequately support the program. One existing full-time, two existing part-time and one new part-time faculty will be required to implement the program. Qualified faculty will possess an Associate’s degree in Surgical Technology, NBSTSA Certification (CST) and three years of related occupational experience. Costs of implementing this program will be approximately \$12,200 per year during the first three years. The program will be financially supported through student tuition and fees.

Staff Conclusion. The staff concludes that John Wood Community College and its proposed degree program meet 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.

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

Proposed Program Title: Associate in Fine Arts in Music

Projected Enrollments: Kaskaskia College anticipates enrollments in the proposed degree of 15 to 20 full-time students in each of the first three years.

Introduction, Curriculum, and Assessment of Student Learning Outcomes

Kaskaskia College (the College) is seeking approval to offer a 65 credit hour Associate in Fine Arts (A.F.A.) in Music degree. The proposed degree is designed to prepare students planning to obtain a baccalaureate degree in music, or enter the workforce with a potential for earning a baccalaureate degree in the future. The curriculum of the degree is comprised of 33 credit hours in general education courses, and 32 credit hours in required degree courses as outlined on the Illinois Articulation Initiative music major recommendations web page listing the prerequisite, general education, and major course recommendations. The core curriculum has also been designed for flexibility to meet the needs of students regardless of where they transfer; however, all courses are consistent with the requirements of area transfer institutions such as Northern Illinois University, Eastern Illinois University, and Illinois State University.

Assessment of the degree will occur by the College every year during the first three years to measure student success and outcome attainment, as well as by the Illinois Community College Board's program review every five years. Likewise, all degree courses will be reviewed every semester to ensure that all courses are fulfilling the expected course outcomes.

The proposed degree will address Goals 1 and 3 of the *Illinois Public Agenda* by increasing educational attainment to match the level of best-performing states and by increasing the number of high-quality post-secondary credentials to meet the demands of the Illinois economy.

Labor Market Information

Overall future employment opportunity for musicians, music faculty, and music directors and composers is good, with some professions in higher demand than others. The Illinois Department of Employment Security's (IDES) occupational employment projections for occupational classifications associated with the A.F.A. degree between 2008 and 2018 are strong, but vary from field to field. The employment projections indicate 242 projected annual job openings per year, over the ten year period in all listed occupational classifications. Furthermore, the state of Illinois projects 9,499 total positions related to the degree by 2018 which represents a 25.93 percent increase in all A.F.A. related occupational classifications over the ten year period. It is expected that graduates of this degree will transfer to four-year Bachelors in Fine Arts in Music programs.

Resources: Faculty, Staff, etc.

Instructors for the music core courses include two full-time and five adjunct faculty members. These existing faculty members will be used for the delivery of courses and no new faculty will need to be hired at this time. Qualified faculty will have a Masters degree with at least 18 hours in the field. All classroom, practice, and performance facilities and other needed equipment for the degree are adequate and in place to support the degree. Although Kaskaskia College has a fully-equipped music department, they plan to upgrade their class piano lab and will allocate additional money as necessary for additional upgrades needed due to increased enrollment over the first three years.

Staff Conclusion. The staff concludes that Kaskaskia College and its proposed degree program meet 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.

Morton College
3801 South Central Avenue
Cicero, Illinois 60804
President: Dr. Leslie Navarro

Proposed Program Title: Associate in Applied Science in Health Information Technology

Projected Enrollments: Morton College anticipates enrollments in the proposed program of ten full-time and five part-time students the first year, increasing to 15 full-time and five part-time students the third year.

Introduction, Curriculum, and Assessment of Student Learning Outcomes

Morton College (the College) is seeking approval to offer a 63 credit hour Associate in Applied Science (A.A.S.) in Health Information Technology. This program will prepare individuals for entry-level employment in health information/medical records technology. The curriculum consists of 22 credit hours of required general education coursework and 41 credit hours of required career and technical education coursework. The career and technical component includes instruction in medical terminology, fundamentals of health information, data systems and computer applications for Health Information Technology, coding and classification systems, CPT coding, insurance reimbursement, pathology and pharmacology, computer data and statistical analysis, legal, quality analysis and management, and a required work-based learning experience in health information technology. The program was developed according to guidelines established by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM) for program accreditation and graduate credentialing. Graduates of accredited programs are eligible to sit for optional credentialing as a Registered Health Information Technician (RHIT) through the American Health Information Management Association (AHIMA). The College will seek CAHIIM program accreditation upon approval by all appropriate state education boards.

Assessment of student learning will be achieved through observation of the student's performance during the work-based learning component by program faculty and the workplace supervisor.

The proposed degree will address Goals 1 and 3 of the *Illinois Public Agenda* by increasing educational attainment to match the level of best-performing states and by increasing the number of high-quality post-secondary credentials to meet the demands of the Illinois economy.

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), growth in the employment of medical records and health information technicians is expected to increase by 16.7 percent statewide through 2018.

Resources: Faculty, Staff, etc.

Three existing part-time faculty will be required during the first year of the program. One additional full-time faculty person will be added during the third year. Qualified faculty will possess at least a Bachelor's degree in Health Informatics, five years related work experience and two years teaching experience. Facilities and equipment are currently in place to adequately support the program. Costs of implementing the program will be approximately \$33,000 the first year, \$38,000 the second year, and \$99,000 the third year. Higher third year costs reflect the addition of a full-time program coordinator and computer software fees. The program will be financially supported through student tuition and fees.

Staff Conclusion. The staff concludes that Morton College and its proposed degree program meet 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.

Sauk Valley Community College

173 IL Rt. 2

Dixon, Illinois 61021

President: Dr. George Mihel

Proposed Program Title: Associate in Applied Science in Fire Science

Projected Enrollments: Sauk Valley Community College anticipates enrollments in the proposed program of 20 full-time and 200 part-time students the first year, increasing to 20 full-time and 300 part-time students the third year.

Introduction, Curriculum, and Assessment of Student Learning Outcomes

Sauk Valley Community College (the College) is seeking approval to offer a 64 credit hour Associate in Applied Science (A.A.S.) degree program in Fire Science. This program will prepare individuals for employment as firefighters and/or fire prevention specialists in both locally funded and volunteer fire protection districts. The curriculum consists of 15 credit hours of required general education coursework and 49 credit hours of required career and technical education coursework. The curriculum was developed according to standards established by the Illinois Office of the State Fire Marshall (OSFM) and will prepare graduates for the required OSFM certifications for entry-level employment. The career and technical component of the proposed curriculum includes instruction in introductory fire science, orientation to the field, basic and advanced firefighter practice, tactics and strategies, fire service vehicle operation,

vehicle machinery operations, fire prevention principles, hazardous materials, fire service instruction, management, technical rescue awareness, and building construction.

Assessment of student learning will be achieved through observation of the student's performance during a live practical examination as well as through development of an educational portfolio containing artifacts of their educational achievements.

The proposed degree will address Goals 1 and 3 of the *Illinois Public Agenda* by increasing educational attainment to match the level of best-performing states and by increasing the number of high-quality post-secondary credentials to meet the demands of the Illinois economy.

Labor Market Information

Labor market information provided by the College supports the interest in and the need for a formalized training program in this field of study. According to the Illinois Department of Employment Security (IDES), growth in the employment of firefighters and fire inspectors and investigators is expected to increase by 8.2 percent statewide through 2018.

Resources: Faculty, Staff, etc.

Eleven existing part-time and nine new part-time faculty will be required during the first year of the program. Qualified faculty will possess at least the appropriate OSFM certifications for Fire Instruction, although an Associate's degree in Fire Science Technology is preferred by the College. No teaching experience is required, although some is preferred, and 3-5 years related work experience is required. The College has been partnering with local fire districts for facilities, equipment, and machinery. Costs of implementing the program will be approximately \$120,000 the first year, \$66,500 the second and third years. The program will be financially supported through student tuition and fees.

Staff Conclusion. The staff concludes that Sauk Valley Community College and its proposed degree program meet 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.

South Suburban College
15800 South State Street
South Holland, Illinois 60473
President: George Dammer

Proposed Program Title: Associate in Applied Science in Navistar Diesel Technology

Projected Enrollments: South Suburban College anticipates enrollments in the proposed program of 20 part-time students per year during the first three years.

Introduction, Curriculum, and Assessment of Student Learning Outcomes

South Suburban College (the College) is seeking approval to offer a 65 credit hour Associate in Applied Science (A.A.S.) degree in Navistar Diesel Technology. This program was developed in partnership with Navistar Inc., an international manufacturer of diesel equipment

and national trucking company operator. The program will prepare existing automotive technicians for employment as diesel technicians in a variety of environments that require service to diesel equipment, but particularly in areas where Navistar equipment is primarily used and/or as independent service providers. The curriculum consists of 15 credit hours of required general education coursework and 50 credit hours of required career and technical education coursework. The career and technical component includes coursework in engine tear down & build up, inspection and engine/vehicle check, precision measurement and tools, preventative maintenance, total quality management, small business organization and management, international business practices, small business accounting and marketing, and office technologies. Graduates of the program will also be eligible for optional specialty certifications as diesel technicians through the National Institute for Automotive Service Excellence (ASE) upon passage of the required exams and having completed two years of related work experience.

Assessment of student learning will be achieved through completion of an ASE practice exam over various specialty areas in diesel technology.

The proposed degree will address Goals 1 and 3 of the *Illinois Public Agenda* by increasing educational attainment to match the level of best-performing states and by increasing the number of high-quality post-secondary credentials to meet the demands of the Illinois economy.

Labor Market Information

Labor market information provided by the College supports the interest in and the need for a formalized training program in this specialized field of mechanics. The College collaborated with Navistar Inc. to offer the program locally but will provide opportunities across the country and worldwide for those individuals interested in pursuing employment outside the district. According to the Illinois Department of Employment Security (IDES), employment of diesel engine specialists is expected to increase by 8.6 percent statewide through 2018.

Resources: Faculty, Staff, etc.

The program will require two existing faculty the first year. Qualified faculty will possess a minimum of an Associate's degree in Automotive or Diesel Technology, ASE certifications in diesel technology, three years related occupational experience and three years teaching experience. Because the College currently offers related programs in automotive technology, all facilities and equipment are currently in place to adequately support the program. No new costs will be incurred to implement the program, which will be supported financially through student tuition and fees.

Staff Conclusion. The staff concludes that South Suburban College and its proposed degree program meet 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.

Southeastern Illinois College
3575 College Road
Harrisburg, Illinois 62946
President: Dr. Jonah Rice

Proposed Program Title: Associate in Applied Science in Outdoor Recreation

Projected Enrollments: Southeastern Illinois College anticipates enrollment in the program at eight full-time and three part-time students the first year, increasing to ten full-time and seven part-time students by the third year.

Introduction, Curriculum, and Assessment of Student Learning Outcomes

Southeastern Illinois College (the College) is seeking approval to offer a 63 credit hour Associate in Applied Science (A.A.S.) degree in Outdoor Recreation. The program will provide individuals new to the field or those currently working in recreation a formalized educational path leading towards management-level positions. The curricula was developed using a combination of hospitality, tourism, natural resources management, and entrepreneurship coursework. The degree curriculum includes 17 credit hours of required general education coursework, 38 credit hours of career and technical education coursework, and eight credit hours of related technical electives. The career and technical component of the curricula includes coursework in recreation foundations, outdoor program planning, leadership in recreation, program learning assessment, ecotourism, environmental ethics, environmental education and interpretation, introduction to Southern Illinois Tourism, Southern Illinois Natural Resources Survey, introductory geographic information systems, human resource management, outdoor recreation topics, first aid/CPR, and a required internship in outdoor recreation.

Assessment of student learning objectives will be achieved through evaluation of the student's performance by program faculty during the practical/work-based learning experience in both curricula.

The proposed degree will address Goals 1 and 3 of the *Illinois Public Agenda* by increasing educational attainment to match the level of best-performing states and by increasing the number of high-quality post-secondary credentials to meet the demands of the Illinois economy.

Labor Market Information

According to information provided by the College, in 2010 tourism in Southern Illinois increased 6.5 percent over the last year and brought in over \$30 million dollars to the area. According to the Illinois Department of Employment Security (IDES), growth in the employment of recreation workers is expected to increase by 17 percent statewide through 2018.

Resources: Faculty, Staff, etc.

One new full-time faculty to serve as instructor/program coordinator, one existing full-time faculty, and two new part-time faculty will be required to implement the program. Qualified faculty will hold a Bachelor's degree in a Recreation Management or related field, possess two years teaching experience, and three years related occupational experience. Cost of implementing the program will be approximately \$37,000 year one, \$49,000 year two, and \$48,000 year three. The program will be financially supported through student tuition and fees.

Staff Conclusion. The staff concludes that Southeastern Illinois College and its proposed degree program meet 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.

Southwestern Illinois College
2500 Carlyle Avenue
Belleville, Illinois 62221
President: Dr. Georgia Costello

Proposed Program Title: Associate in Applied Science in Electrical Design and Management

Projected Enrollments: Southwestern Illinois College anticipates enrollments in the proposed program of eight full-time and seven part-time students the first year, increasing to 16 full-time and 15 part-time students by the third year.

Introduction, Curriculum, and Assessment of Student Learning Outcomes

Southwestern Illinois College (the College) is seeking approval to offer a 69 credit hour Associate in Applied Science (A.A.S.) degree in Electrical Design and Management. This program will prepare individuals for designing electrical systems for residential and commercial structures, and, for entry-level employment as project managers in electrical systems design. The curriculum consists of 17 credit hours of required general education coursework and 52 credit hours of career and technical education coursework. The career and technical component of the curriculum consists of instruction in introductory electricity and electronics, basic drafting, introductory Computer-Aided Design (CAD), electrical circuits, electrical wiring practices, electrical code calculations, electrical construction materials and methods, introductory and intermediate electrical lighting systems design, electrical estimating, low voltage systems, occupational health and safety, construction planning and scheduling, contracts and claims, and a required capstone project in electrical and electronic systems design.

Assessment of student learning will be achieved through evaluation of the student's performance on a cumulative project in electrical systems design and management by program faculty during the capstone course. There are several optional certifications available to graduates of specific course sequences within the proposed program. Students who complete the CAD sequence are eligible to test for the American Design Drafting Association's (ADDA) Certified Drafter credential. Students who complete the proposed degree will also be prepared for the American Lighting Association's (ALA) Lighting Associate credentialing exam.

The proposed degree will address Goals 1 and 3 of the *Illinois Public Agenda* by increasing educational attainment to match the level of best-performing states and by increasing the number of high-quality post-secondary credentials to meet the demands of the Illinois economy.

Labor Market Information

Labor market information provided by the College supports the interest in and the need for a formalized training program in this field of study. The College currently offers several related programs in construction technology and the proposed degree program will provide graduates of those certificates with an educational ladder opportunity. Furthermore, the program articulates to Southern Illinois University at Carbondale's (SIUC) Electrical Technology or Technical Resource Management Bachelor's degree programs.

Resources: Faculty, Staff, etc.

The program will require one new part-time faculty the first year. Qualified faculty will have at least an Associate's degree in a related field and one year related occupational experience. Many courses included within the proposed program already exist at the college and therefore qualified faculty will be shared, as well as classrooms, lab facilities, and software, with existing programs. No new costs are anticipated to implement the program during the first year. The program will be financially supported through student tuition and fees.

Staff Conclusion. The staff concludes that Southwestern Illinois College and its proposed degree program meet 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 adoption of the following resolutions:

The Illinois Board of Higher Education hereby grants to Black Hawk College Authorization to Grant the Associate in Fine Arts in Arts 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 to College of DuPage Authorization to Grant the Associate in Applied Science in Game Design and Development 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 to John Wood Community College Authorization to Grant the Associate in Applied Science in Surgical Technology 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 to Kaskaskia College Authorization to Grant the Associate in Fine Arts in Music 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 to Morton College Authorization to Grant the Associate in Applied Science in Health Information Technology 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 to Sauk Valley Community College Authorization to Grant the Associate in Applied Science in Fire Science 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 to South Suburban College Authorization to Grant the Associate in Applied Science in Navistar Diesel Technology 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 to Southeastern Illinois College Authorization to Grant the Associate in Applied Science in Outdoor Recreation 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 to Southwestern Illinois College Authorization to Grant the Associate in Applied Science in Electrical Design and 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.

