

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 four community colleges.

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

Carl Sandburg College

- Associate of Arts in Teaching (A.A.T.) in Special Education
- Associate in Engineering Science (A.E.S.)

Illinois Central College

- Associate of Applied Science (A.A.S.) in Game Design

Olive-Harvey College

- Associate of Applied Science (A.A.S.) in Process Technology

Rend Lake College

- Associate of Arts in Teaching (A.A.T.) in Special Education

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.

Carl Sandburg College
2400 Tom L. Wilson Blvd.
Galesburg, Illinois 61401
President: Thomas A. Schmidt

Proposed program title: Associate of Arts in Teaching in Special Education, Statewide Model Curriculum

Projected Enrollments: The College projects enrollments of 20 full-time students in the proposed program.

Carl Sandburg College is seeking authority to grant the Associate of Arts in Teaching (A.A.T.) in Special Education based on the Statewide Curriculum Model. The A.A.T. in Special Education at Carl Sandburg College is comprised of 61-64 semester hour credits in general education and professional education/major area coursework. To obtain the A.A.T. in Special Education, students must complete 39-42 semester hours in general education coursework consisting of composition/speech, mathematics, physical/life sciences, humanities/fine arts, and social/behavioral science. Twenty-two hours of professional education/major area coursework include: Introduction to Education, Technology for Teachers, Exceptional Child, Educational Psychology, Child Psychology, Introduction to Diversity and Foundations of Teaching Reading. The College's proposal meets the model guidelines endorsed by the Illinois Community College Board and the Illinois Board of Higher Education.

Proposed program title: Associate in Engineering Science

Projected Enrollments: The College projects enrollments of eight full-time students in the proposed program in the first year.

Carl Sandburg College is also seeking approval to offer a 67-semester-credit-hour Associate in Engineering Science (A.E.S.) for students planning to obtain a baccalaureate degree in a related field or enter the workforce with a basic level of competence and the potential for earning a baccalaureate degree in the future. The A.E.S. degree is more closely aligned with lower division coursework at universities offering bachelor's degree programs in related engineering sciences. The proposal satisfies ICCB Administrative Rules for A.E.S. degree programs regarding total credit hours and general education requirements, as well as meeting the IAI Engineering Advisory Committee's recommendations. To gain admittance to this program, students must meet IAI Engineering Advisory Committee recommendations and the general admission standards for all transfer degrees. Existing faculty and facilities, including laboratories and equipment, are adequate for the implementation of the proposed program. The cost of implementing this program will be approximately \$8,929 per year during the first three years.

Staff Conclusion: Carl Sandburg College and its proposed programs meet the criteria to implement the Board of Higher Education Act (110 ILCS 205/et.seq.) as set forth in 23 Illinois Administrative Code, Ch. II, Section 1050.30, and the Illinois Board of Higher Education policies pertaining to assessment and accreditation for licensure.

Illinois Central College
One College Drive
East Peoria, Illinois 61635
President: John S. Erwin

Proposed program title: Associate of Applied Science in Game Design

Projected Enrollments: The College projects enrollments in the proposed program of 24 full-time students and 12 part-time students in the first year, rising to 64 full-time and 36 part-time by the third year.

Illinois Central College is seeking approval to offer a 67-semester-credit-hour Associate of Applied Science (A.A.S.) Degree in Game Design. This program will prepare individuals for employment as game designers, developers, and testers. In addition, the proposed program will provide students of the College's existing related Gaming Certificate program an educational ladder opportunity. The degree curriculum consists of 30 credit hours of required general education coursework and 37 credit hours of required career and technical education coursework. The career and technical component of the curriculum includes instruction in computer programming, game theory, game design and mechanics, web accessibility and usability, flash game development, images and web pages, computer animation, graphic design, computer illustration, audio production, and script writing. Assessment of student learning objectives will be accomplished through evaluation of a student portfolio containing artifacts of student education achievements.

Labor market information supports an interest in and need for a two-year training program in this field of study. Completers of the College's existing certificate program have expressed a strong desire for an applied associate degree program. Furthermore, the demand for individuals with game design skills is expected to grow much faster than the demand for all occupations statewide through 2014, according to the Illinois Department of Employment Security. Because the College has a related program in place, all facilities, equipment, and faculty resources are adequate for the implementation of this program. No new costs are anticipated for the start up of this program.

Olive-Harvey College
10001 South Woodlawn Avenue
Chicago, Illinois 60612
President: Valerie Roberson

Proposed program title: Associate of Applied Science in Process Technology

Projected Enrollments: The College projects enrollments in the proposed program of 20 full-time students and 50 part-time students in the first year, rising to 60 full-time and 120 part-time by the third year.

Olive-Harvey College, one of the City Colleges of Chicago, is seeking approval to offer a 63-semester-credit-hour Associate of Applied Science (A.A.S.) Degree in Process Technology. The proposed program and a related certificate program will prepare individuals for employment as process technicians and operators in the manufacturing industry. The certificate curriculum consists of three credit hours of required general education coursework and 35 credit hours of required career and technical coursework. The career and technical component of the curriculum includes introductory process technology, introductory and advanced process instrumentation, process technology equipment, industrial safety, quality control, unit systems, operations and process troubleshooting. The degree curriculum consists of 25 credit hours of required general education and 38 credit hours of required career and technical coursework. The career and technical component of the degree curriculum mirrors that of the certificate with the addition of a three-credit-hour work-based learning experience in process technology. Assessment of student learning objectives will be accomplished through evaluation of a student portfolio containing artifacts of the student's educational achievements.

Labor market information supports an interest in and need for educational programs in this field of study. A recent survey conducted by the Center for the Advancement of Process Technology (CAPT) identified a skills gap in this field for the City of Chicago and the Metropolitan Area. Currently only one other Illinois community college in the Chicago-suburban area offers a related program. One new full-time and two new part-time faculty will be required the first year. Costs of implementing this program will be approximately \$201,500 the first year, \$60,750 the second year, and \$60,750 in the third year. Facilities, such as laboratories, are adequate for the proposed programs. However, cost estimates include the purchase of specialized equipment and library materials. The College is also partnering with BP Amoco Corporation for financial support and work-based learning opportunities for students in these programs.

Rend Lake College
468 North Ken Gray Parkway
Ina, Illinois 62846
President: Charley D. Holstein, interim

Proposed program title: Associate of Arts in Teaching in Special Education, Statewide Model Curriculum

Projected Enrollments: The College projects enrollments of 10 full-time students in the proposed program.

Rend Lake College has submitted a proposal to offer a 64 semester-credit-hour Associate of Arts in Teaching (A.A.T.) in Special Education, Statewide Model Curriculum. To acquire the A.A.T. degree in Special Education, students must complete 44 credits of general education courses in composition/speech, mathematics, physical/life sciences, humanities/fine arts, and social/behavioral science. Professional education/major area coursework consists of 18 semester hours and includes: Introduction to Education, Educational Technology, Teaching the Child with Disabilities, Educational Psychology, Child Development, and Language Arts for Young Children. In addition, the College requires a two semester-hour course entitled Health Education. The College's proposal meets the model guidelines endorsed by the Illinois Community College Board and the Illinois Board of Higher Education.

Staff Conclusion: Rend Lake College and its proposed program meet the criteria to implement the Board of Higher Education Act (110 ILCS 205/et.seq.) as set forth in 23 Illinois Administrative Code, Ch. II, Section 1050.30, 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 Carl Sandburg College to offer the Associate of Arts in Teaching (A.A.T.) in Special Education and the Associate in Engineering Science (A.E.S.) subject to the institution's implementation and maintenance of the conditions that were presented in its application and that form the basis upon which these authorizations are granted.

The Illinois Board of Higher Education hereby grants authority to Illinois Central College to offer the Associate of Applied Science (A.A.S.) in Game Design subject to the institution's implementation and maintenance of the conditions that were presented in its application and that form the basis upon which these authorizations are granted.

The Illinois Board of Higher Education hereby grants authority to Olive-Harvey College to offer the Associate of Applied Science (A.A.S.) in Process 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 these authorizations are granted.

The Illinois Board of Higher Education hereby grants authority to Rend Lake College to offer the Associate of Arts in Teaching (A.A.T.) in Special Education subject to the institution's implementation and maintenance of the conditions that were presented in its application and that form the basis upon which these authorizations are granted.