

NEW UNITS OF INSTRUCTION AT PUBLIC COMMUNITY COLLEGES

Submitted for: Action.

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

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

Carl Sandburg College

College of DuPage

Highland Community College

Kankakee Community College

- Associate in Arts in Teaching in Early Childhood Education, Statewide Model Curriculum

Heartland Community College

- Associate in Applied Science in Laborer Apprentice

John A. Logan College

- Associate in Applied Science in Welding Technology

Lewis and Clark Community College

- Associate in Applied Science in Welding Technology

Southeastern Illinois College

- Associate in Applied Science in Graphic Design

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
College of DuPage
Highland Community College
Kankakee Community College

Proposed Programs Title: Associate in Arts in Teaching in Early Childhood Education, Statewide Model Curriculum

Four community colleges have requested authority to offer Associate in Arts in Teaching (A.A.T.) in Early Childhood Education degree programs. The A.A.T. in Early Childhood Education provides students with the program equivalent of the first two years of most four-year college teacher education programs in Early Childhood Education. The need for this degree program grows from the movement in teacher education to enhance the role that community colleges play in preparing prospective educators. The goal of the A.A.T. initiative is to develop degree models that will attract students into teaching disciplines, such as Early Childhood Education, and better facilitate the transfer of students desiring to become teachers in those disciplines into upper-division teacher education programs. These programs all meet the model guidelines endorsed by the Illinois Community College Board (ICCB) and the Illinois Board of Higher Education (IBHE). In addition, the proposed degree programs respond to the need to help prepare "highly qualified" teachers as found in the No Child Left Behind federal legislation.

No accreditation is available or required for the proposed programs. However, the Illinois State Board of Education (ISBE) requires all individuals pursuing teacher certification to have met appropriate standards by the completion of a four-year program. These degrees will provide individuals preparing to transfer to a university teacher education program with a heightened beginning portfolio with related artifacts and assessments.

The proposed A.A.T. in Early Childhood Education degrees will improve teacher and school leader quality and will strengthen articulation between two and four-year programs, as called for by Goals 1 and 3 of the *Illinois Public Agenda*.

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

Projected Enrollments: The College projects enrollments of 10-15 full-time students in the proposed program.

Carl Sandburg College (the College) requests authority to offer a 64 semester credit hour Associate in Arts in Teaching (A.A.T.) in Early Childhood Education, Statewide Model Curriculum. Acquisition of the A.A.T. in Early Childhood Education requires students to complete 40 semester credits of general education courses in composition/speech, mathematics, physical/life sciences, humanities/fine arts, and social/behavioral sciences. Professional education/major area coursework consists of 24 semester hours and includes: Introduction to Education; Child Growth & Development; Introduction to Early Childhood Education; Health, Safety & Nutrition; Curriculum for Early Childhood Education; Observation & Assessment; and Child, Family & Community Relations. These courses encompass the 11 Illinois Professional Teaching Standards, the Core Technology Standards, the Core Language Arts Standards, and all appropriate Early Childhood Education Standards. Students will develop and maintain a variety of coursework documentation for the A.A.T. in Early Childhood Education in a portfolio that will follow students to the senior-level institution. Students must maintain an overall grade point average (GPA) of 2.75 during the program and must successfully pass the Illinois Test of Basic Skills to acquire the A.A.T. in Early Childhood Education degree. Students in the A.A.T. in Early Childhood Education program are urged to complete the program prior to transfer. To verify transferability, students work closely with an advisor and the transfer institution.

Carl Sandburg College has the required infrastructure and requisite professional education faculty in place to offer the Associate in Arts in Teaching in Early Childhood Education degree. Therefore, there are no additional costs associated with the adoption of this program.

Staff Conclusion. Carl Sandburg 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.

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

Projected Enrollments: The College projects enrollments of 25-30 full-time students in the proposed program.

The College of DuPage (the College) seeks approval for a 64 semester credit hour Associate in Arts in Teaching (A.A.T.) in Early Childhood Education, Statewide Model Curriculum. The College requires students to complete 42 semester hours in general education

coursework consisting of composition/speech, mathematics, physical/life sciences, humanities/fine arts, and social/behavioral sciences. Professional/major area coursework constitutes 21 hours and includes: Introduction to Education; Growth and Development of the Young Child; Introduction to Early Childhood Education and Care; Methods: Discovery and the Physical World; Methods: Self-Expression and the Social World; Curriculum Planning for the Young Child; and Child, Family, Community Relations, and Relations. Students are also encouraged to take the elective, Aerobic Fitness Lab I, for one semester hour.

Students work closely with the A.A.T. Early Childhood Education instructor/advisor, who meets each semester with every student to determine if program goals are met. If problems arise, the advisor seeks out services to assist the student. Since students in the A.A.T. Early Childhood Education program are required to maintain a 2.50 GPA, their GPAs will be monitored and demographic information and other documentation will be maintained using the Early Alert System.

The appropriate infrastructure and professional education faculty are currently in place. Therefore, College of DuPage requires no additional resources to offer the Associate in Arts in Teaching in Early Childhood Education, Statewide Model Curriculum.

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

Highland Community College
2998 West Pearl City Road
Freeport, Illinois 61032-9341
President: Dr. Joseph Kanosky

Projected Enrollments: The College projects enrollments of 10-15 full-time students in the proposed program.

Highland Community College (the College) has submitted a proposal to offer a 64 semester credit hour Associate in Arts in Teaching (A.A.T.) in Early Childhood Education, Statewide Model Curriculum. To obtain the A.A.T. in Early Childhood Education from the College, students must complete 41 semester hours in general education coursework consisting of composition/speech, mathematics, physical/life sciences, humanities/fine arts, and social/behavioral sciences. Twenty-three hours of professional education/major area coursework include: The American Public School; Child Growth and Development; The Exceptional Child in Early Childhood Education; Introduction to Early Childhood Education; Health, Safety, and Nutrition for Young Children and Families; Curriculum and Assessment in Early Childhood Education; Role of Learning Environments and Play in Early Childhood Education; and Home, School, and Community Relations.

To be admitted to the A.A.T. in Early Childhood Education, students must successfully complete EDU 221, The American Public School, and ECE, Introduction to Early Childhood Education, with a minimum of B or better. Students must maintain an overall grade point average (GPA) of 2.75 during the program, must develop and maintain a teaching portfolio, and must successfully pass the Illinois Test of Basic Skills to acquire the A.A.T. in Early Childhood Education degree.

Advisors at the College have been trained to work with education majors to assist students with course selection, education admission requirements, and transfer planning to ensure students complete the requirements for certification. Students in the A.A.T. in Early Childhood Education program are urged to complete the program prior to transfer.

There are no additional costs associated with the adoption of this program, as the College currently has the required infrastructure and requisite professional education faculty in place to offer the Associate in Arts in Teaching in Early Childhood Education degree.

Staff Conclusion. Highland Community 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.

Kankakee Community College
100 College Drive
Kankakee, IL 60901-6505
President: Dr. John Avendano

Projected Enrollments: The College projects enrollments of 10-15 full-time students in the proposed program.

The proposed Associate in Arts in Teaching (A.A.T.) in Early Childhood Education, Statewide Model Curriculum degree program at Kankakee Community College (the College) consists of 64 semester hours. Students are required to complete 40 semester hours in general education coursework consisting of composition/speech, mathematics, physical/life sciences, humanities/fine arts, and social/behavioral sciences. Twenty-four hours of professional education/major area coursework include: Introduction to Public Education; Technology in Education; Child Growth and Development; Introduction to Early Childhood Education; Health, Nutrition and Safety; Child Study and Observation; Early Childhood Curriculum Development; and Home, School, and Community Relations.

A comprehensive advising/counseling program is an integral component of the A.A.T. in Early Childhood Education degree program at the College. Upon acceptance into the College, a student is assigned an academic advisor who will guide him or her through their educational career. In addition, the Education Major Coordinator at the College will oversee the student's education advancement and portfolio development. Students must maintain a grade point average (GPA) of 2.50, must develop and maintain a teaching portfolio, and must successfully pass the Illinois Test of Basic Skills as part of the requirements to receive the A.A.T. in Early Childhood Education degree.

There are no additional costs associated with the adoption of this program, as the College currently has the required infrastructure and requisite professional education faculty in place to offer the Associate in Arts in Teaching in Early Childhood Education degree.

Staff Conclusion. Kankakee Community 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.

Heartland Community College
1500 West Raab Road
Normal, Illinois 61761
President: Dr. Jonathan M. Astroth

Proposed Program Title: Associate in Applied Science in Laborer Apprentice

Projected Enrollments: The College anticipates enrolling 15 students in Fall 2010 and approximately the same number in each of the following two years.

Heartland Community College (the College) is seeking permanent approval to offer a 60 credit hour Associate in Applied Science (A.A.S.) in Laborer Apprentice. The program was granted temporary approval by ICCB on March 31, 2006. The proposed program will prepare qualified individuals for entry-level and journey-level employment as union-affiliated workers in a variety of construction settings.

The curriculum of the program builds upon an existing 40 hour Certificate in Laborer Apprentice program offered by the College, and it includes an additional 13 hours of general education coursework. Career and technical education components of the curriculum includes instruction in craft orientation and safety training, mason tending, concrete practices and procedures, asphalt technology and construction, asbestos abatement, pipe laying, blueprint reading, basic surveying, bridge construction, the Associated General Constructors (AGC) hazardous waste removal, and a work-based learning experience in construction labor. Curriculum for the associate degree was originally developed in collaboration with the Illinois Laborers & Contractors Joint Apprenticeship and Training Program through the Great Plains Council, and it is approved by the United States Department of Labor (USDOL) Bureau of Apprenticeship Training. Assessment of student learning outcomes in the program is achieved through the evaluation of the student's performance during the required work-based learning experience.

Labor market information provided by the College continues to support the interest in and the need for the College to offer the proposed program for existing and new union labor apprentices. Due to union scheduling and logistics conflicts, no new students have been enrolled in the programs during the temporary approval period; however, the College and the Great Plains Council have tentatively enrolled a new cohort of 15 students for Fall 2010.

All classroom facilities and other needed facilities for the program are adequate and in place to support the A.A.S. in Laborer Apprentice program. Career and technical education coursework will be taught utilizing qualified Great Plains Council union members and union facilities and equipment as necessary. Since this program was approved by the Illinois Community College Board (ICCB) in 2006 on a temporary basis, there are no new costs associated with offering instruction. Four adjunct faculty who will support the program are journey-persons certified in their specific trades.

The proposed program 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.

Staff Conclusion. Heartland Community College and its proposed A.A. S. in Laborer Apprentice program meet the criteria to implement the Illinois 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 or licensure.

John A. Logan College
700 Logan College Road
Cartersville, Illinois 62918-2500
President: Dr. Robert Mees

Proposed Program Title: Associate in Applied Science in Welding Technology

Projected Enrollments: The College anticipates enrolling eight total full-time and part-time students in the first year, 16 students in the second year, and 20 students in the third year.

John A. Logan College (the College) is seeking approval to offer a 69 credit hour Associate in Applied Science (A.A.S.) in Welding Technology. The proposed program will prepare qualified students for entry-level employment as welders in commercial construction and industrial settings. The curriculum for the program was developed according to standards of the American Welding Society (AWS), and it will prepare its students for Level I and Level II certification as shielded metal arc welders.

The curriculum for the A.A.S. in Welding Technology program consists of 15 credit hours of required general education coursework and 54 credit hours of career and technical education coursework, including 13 credit hours of related technical electives. Career and technical components of the curriculum include instruction in metallurgy, blueprint reading, welding theory, introductory and intermediate levels of Oxy-Acetylene fusion welding and cutting, brazing, introductory through advanced levels of arc welding, metal inert gas (MIG) welding, tungsten inert gas (TIG) welding, cored wire welding, pipe welding, welding testing and inspection, special problems in welding, and welding laboratory experiences. Assessment of student learning outcomes in the program will be achieved during the welding laboratory instruction in the student's last semester through a performance test based on the AWS certification examination, and it will be conducted by an AWS certified welding inspector.

Labor market information provided by the College supports the interest in and the need for the proposed program within the College's district. According to the Illinois Department of Employment Security (IDES), employment of welders is expected to grow by slightly over four percent through 2016 across the state. The College currently offers a successful Welding Certificate program whose graduates may enroll in the proposed program. Area employers are interested in providing formalized educational opportunities for their existing workers with the expectation that the proposed program will offer certificate completers an educational ladder opportunity and career advancement. Currently, the College partners with two local high schools to offer dual credit coursework in welding, which may be applied towards the completion of the Welding Certificate and/or the proposed degree. The College has also collaborated with Southern Illinois University Carbondale for articulation to its Bachelor of Science (B.S.) in Industrial Technology program.

No new faculty will be needed to implement the program because there are three existing full-time faculty and two part-time faculty members who are qualified, AWS certified welders and welding instructors. Appropriate existing facilities and equipment are in place to adequately support the program. As a result, no new costs are anticipated to support the program during the first three years. Estimated costs of the existing program are \$128,000 per year.

The proposed program 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.

Staff Conclusion. John A. Logan College and its proposed A.A.S. in Welding Technology program meet the criteria to implement the Illinois 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 or licensure.

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

Proposed Program Title: Associate in Applied Science in Welding Technology

Projected Enrollments: The College anticipates enrolling 15 full-time and part-time students in the first year, 25 students in the second year, and 35 students in the third year.

Lewis and Clark Community College (the College) is seeking approval to offer a 61 credit hour Associate in Applied Science (A.A.S.) degree in Welding Technology. This program will prepare qualified individuals for entry-level employment as welders in industrial settings. The proposed curriculum was developed according to standards of the American Welding Society (AWS) and will prepare students in the program for Level I and Level II certification as shielded metal arc welders.

Curriculum for the A.A.S. in Welding Technology program consists of 19 credit hours of required general education coursework and 42 credit hours of career and technical education coursework. The career and technical component includes instruction in metallurgy, blueprint reading, welding theory, Oxy-Acetylene fusion welding and cutting, brazing, introductory through advanced levels of arc welding, metal inert gas (MIG) welding, tungsten inert gas (TIG) welding, cored wire welding, pipe welding, fabrication and layout, welding testing and inspection, and a welding internship. Assessment of student learning outcomes in the program will be achieved during the welding internship through a performance test based on the AWS certification examination.

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 within the College's district. According to the Illinois Department of Employment Security (IDES), employment of welders is expected to grow by slightly over four percent through 2016 across the state. The College currently offers a successful Welding Principles Certificate program. Area employers, such as Conoco Phillips Refinery, are interested in providing formalized educational opportunities for their existing workers with the expectation that the proposed program will offer certificate completers an educational ladder opportunity and career advancement. Furthermore, the College was awarded a

grant from the American Association of Community Colleges (AACC) and the National Science Foundation (NSF) to develop a welding curriculum that would reflect the changing needs of the grant recipients' regions. The College has partnered with nine local high schools to offer dual credit coursework in welding, which may be applied toward the completion of the Welding Principles Certificate and/or the proposed degree.

While facilities exist to support the existing certificate program, the College has received a private donation for building a new workforce training facility that will house a state-of-the-art environmentally friendly welding facility in the future. There are three existing full-time faculty members and three existing part-time faculty who are qualified AWS certified welders and welding instructors. One new full-time and two new part-time faculty members will be required to implement the program. Anticipated costs to support the program during the first three years are estimated at \$264,500 in year one, \$187,500 in year two, and \$190,500 in year three. These figures include the costs for faculty, equipment purchases, and facility rental fees until the new facilities are built and ready for the program.

The proposed program 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.

Staff Conclusion. Lewis and Clark Community College and its proposed A.A.S. in Welding Technology degree meet the criteria to implement the Illinois 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 or licensure.

Southeastern Illinois College
3575 College Road
Harrisburg, Illinois 62946-4925
Interim President: Dr. Jonah Rice

Proposed Program Title: Associate in Applied Science in Graphic Design

Projected Enrollments: The College anticipates enrolling 12 total full-time and part-time students in the first year, 14 students in the second year, and 16 students in the third year.

Southeastern Illinois College (the College) is seeking approval to offer a 62 credit hour Associate in Applied Science (A.A.S.) degree in Graphic Design. The proposed program will prepare qualified individuals for employment as graphic design technicians, or similar positions that provide technical support for graphic designers in a variety of fields. The program consists of 19 credit hours of required general education coursework, 37 credit hours of required career and technical education coursework, and six credit hours of related technical electives. The career and technical components of the curriculum include instruction in introductory and intermediate graphic design, typography, introductory and intermediate computer art, basic and advanced art design, art appreciation, basic and advanced drawing, life drawing, prehistorical and medieval art, renaissance and contemporary art, and graphic design portfolio development. Assessment of student learning outcomes in the program will be achieved through evaluation of the student's portfolio by program faculty.

Labor market information provided by the College supports the interest in and the need for an educational training program in this field of study. According to the Illinois Department of Employment Security (IDES), employment of graphic designers is anticipated to increase by over eight percent through 2016. The College has collaborated with Southern Illinois University Carbondale (the University) for articulation of the proposed degree into the University's baccalaureate program in graphic design. The technical component of the program will be supported by one existing full-time and one new part-time faculty member in the first year through the third year. Faculty qualifications for the program consist of a Master's degree in Graphic Design or an art-related field and two years of related work experience in the field.

Facilities are in place and they are adequate to support the proposed program. The costs of implementing the program are approximately \$8,392 the first year, \$9,192 the second year, and the same amount in the third year. The relatively higher second and third year costs reflect the purchase of new computer equipment and software.

The proposed program 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.

Staff Conclusion. Southeastern Illinois College and its proposed A.A.S. in Graphic Design degree meet the criteria to implement the Illinois 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 or 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 in Arts in Teaching in Early Childhood Education, Statewide Model Curriculum, 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 College of DuPage to offer the Associate in Arts in Teaching in Early Childhood Education, Statewide Model Curriculum, 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 Highland Community College to offer the Associate in Arts in Teaching in Early Childhood Education, Statewide Model Curriculum, 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 Kankakee Community College to offer the Associate in Arts in Teaching in Early Childhood Education, Statewide Model Curriculum, 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 Heartland Community College to offer the Associate in Applied Science in Laborer Apprentice 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 John A. Logan College to offer the Associate in Applied Science in Welding 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 authority to Lewis and Clark Community College to offer the Associate in Applied Science in Welding 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 authority to Southeastern Illinois College to offer the Associate in Applied Science in Graphic 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 this authorization is granted.