

**APPROVED  
MARCH 1, 2016**

Item #IV-8  
March 1, 2016

## **NEW UNITS OF INSTRUCTION AT PUBLIC COMMUNITY COLLEGES**

**Submitted for:** Action.

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

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

Carl Sandburg College

- Associate in Applied Science in Bioprocess Operations Technician

College of DuPage

- Associate in Applied Science in Early Childhood Administration

Danville Area Community College

- Associate in Fine Arts in Art
- Associate in Fine Arts in Art Education

Illinois Valley Community College

- Associate in Applied Science in Engineering Technology

John A. Logan College

- Associate in Applied Science in Biomedical Electronics Technology
- Associate in Fine Arts in Studio Arts

Malcolm X College

- Associate in Applied Science in Dental Hygiene

Parkland College

- Associate in Applied Science in CNH (Case-New Holland) Service Technician

Rend Lake College

- Associate in Applied Science in Biomedical Electronics

Shawnee Community College

- Associate in Applied Science in Logistics and Operations Management

Southeastern Illinois College

- Associate in Fine Arts in Musical Theatre
- Associate in Fine Arts in Theatre Acting

STATE OF ILLINOIS  
BOARD OF HIGHER EDUCATION

**NEW UNITS OF INSTRUCTION AT PUBLIC COMMUNITY COLLEGES**

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

**Executive Summary**

Carl Sandburg College

- Associate in Applied Science in Bioprocess Operations Technician

Carl Sandburg College is seeking approval to offer a 68 credit hour Associate in Applied Science in Bioprocess Operations Technician. This program will prepare individuals to become professional technicians in the renewable energy, waste water control and treatment and/or chemical processing sectors. The program will also include an embedded Certificate in Bioprocess Fermentation Technician Certificate (32 credit hours) which is designed to prepare individuals to be entry-level technicians in the renewable energy and/or wastewater control and treatment sectors. There are policies in place to ensure faculty members possess the training, credentials, and qualifications to provide instruction in the proposed program. The College has sufficient library, technology, staff, and financial resources in place to support the proposed program.

Approval request summary, including staff conclusion, follows in Attachment A.

College of DuPage

- Associate in Applied Science in Early Childhood Administration

College of DuPage is seeking approval to offer a 64 credit hour Associate in Applied Science in Early Childhood Administration. This program will prepare students for employment in the management of early childhood and school-age programs. Students acquire the skills and knowledge to administrate programs serving infants, toddlers, preschool, and school-age children. This program includes the 20 credit hour Administration of an Early Childhood Center certificate and upon successful completion of this degree, students are eligible to apply for the Illinois Director Credential Level One. There are policies in place to ensure faculty members possess the training, credentials, and qualifications to provide instruction in the proposed program. The

College has sufficient library, technology, staff, and financial resources in place to support the proposed program.

Approval request summary, including staff conclusion, follows in Attachment B.

#### Danville Area Community College

- Associate in Fine Arts in Art

Danville Area Community College is seeking approval to offer a 62 credit hour Associate in Fine Arts (AFA) in Art. With this degree, students will receive a solid foundation in art, theory, history, and digital portfolio skills. Students who complete this program will compile a portfolio of art works from their studio work in preparation to enter an art program at a transferring university. The AFA degree is closely aligned with lower division coursework at universities offering bachelor's degree programs in fine arts. The proposal satisfies Illinois Community College Board Administrative Rules for the AFA degree program regarding total credit hours and general education requirements, as well as meeting the Illinois Articulation Initiative art major recommendations. There are policies in place to ensure faculty members possess the training, credentials, and qualifications to provide instruction in the proposed program. The College has sufficient library, technology, staff, and financial resources in place to support the proposed program.

- Associate in Fine Arts in Art Education

Danville Area Community College is seeking approval to offer a 62 credit hour Associate in Fine Arts (AFA) in Art Education. With this degree, students will receive a solid foundation in art, theory, history, and education. Students who complete this program will compile a portfolio of art works from their studio work in preparation to enter an art program at a transferring university. The AFA degree is closely aligned with lower division coursework at universities offering bachelor's degree programs in fine arts. The proposal satisfies Illinois Community College Board Administrative Rules for the AFA degree program regarding total credit hours and general education requirements, as well as meeting the Illinois Articulation Initiative art major recommendations. There are policies in place to ensure faculty members possess the training, credentials, and qualifications to provide instruction in the proposed program. The College has sufficient library, technology, staff, and financial resources in place to support the proposed program.

Approval request summary, including staff conclusion, follows in Attachment C.

#### Illinois Valley Community College

- Associate in Applied Science in Engineering Technology

Illinois Valley Community College is seeking approval to offer a 64 credit hour Associate in Applied Science in Engineering Technology. This program will prepare individuals for entry-level employment at the technician level in the manufacturing settings of wind energy, computerized numerical control, industrial maintenance, industrial electronics, welding production, machining, tool and die making, architectural/civil computer-aided drafting (CAD), mechanical/electronic CAD, and HVAC. There are policies in place to ensure faculty members possess the training, credentials, and qualifications to provide instruction in the proposed

program. The College has sufficient library, technology, staff, and financial resources in place to support the proposed program.

Approval request summary, including staff conclusion, follows in Attachment D.

#### John A. Logan College

- Associate in Applied Science in Biomedical Electronics Technology

John A. Logan College is seeking approval to offer a 60 credit hour Associate in Applied Science in Biomedical Electronics Technology. This program will prepare individuals for entry-level employment as biomedical electronics technicians in a variety of settings including hospitals, medical services agencies and other organizations that manufacture, install, maintain and repair medical and allied healthcare equipment. There are policies in place to ensure faculty members possess the training, credentials, and qualifications to provide instruction in the proposed program. The College has sufficient library, technology, staff, and financial resources in place to support the proposed program.

- Associate in Fine Arts in Studio Arts

John A. Logan College is seeking approval to offer a 63 credit hour Associate in Fine Arts (AFA) in Studio Arts. With this degree, students will receive a solid foundation in art, theory, history, and musical arts. Students who complete this program will compile a portfolio of art works from their studio work in preparation to enter an art program at a transferring university. The AFA degree is closely aligned with lower division coursework at universities offering bachelor's degree programs in fine arts. The proposal satisfies Illinois Community College Board Administrative Rules for the AFA degree program regarding total credit hours and general education requirements, as well as meeting the Illinois Articulation Initiative art major recommendations. There are policies in place to ensure faculty members possess the training, credentials, and qualifications to provide instruction in the proposed program. The College has sufficient library, technology, staff, and financial resources in place to support the proposed program.

Approval request summary, including staff conclusion, follows in Attachment E.

#### Malcolm X College

- Associate in Applied Science in Dental Hygiene

Malcolm X College is seeking approval to offer a 74 credit hour Associate in Applied Science in Dental Hygiene. This program will provide specialized educational, clinical, and therapeutic services in preventive oral healthcare preparing graduates for national, regional, and state board examinations required for licensure as a registered dental hygienist. Major responsibilities include examination of the teeth and oral structures, the removal of plaque, calculus and stain from teeth, exposing and developing x-rays, and educating patients in home oral healthcare techniques. There are policies in place to ensure faculty members possess the training, credentials, and qualifications to provide instruction in the proposed program. The College has sufficient library, technology, staff, and financial resources in place to support the proposed program.

Approval request summary, including staff conclusion, follows in Attachment F.

### Parkland College

- Associate in Applied Science in Case-New Holland Service Technician

Parkland College is seeking approval to offer a 67 credit hour Associate in Applied Science in Case-New Holland (CNH) Service Technician. The College was granted temporary approval to offer this program beginning in fall 2010 and it has been in operation for five years. This program prepares students for entry-level employment in agriculture equipment dealerships that sell and service Case-New Holland or any national brand. The program was developed in partnership with CNH and the CNH Educational Training Center and meets skill standards for equipment sales and service technicians as developed by the Association of Equipment Dealers (AED). Those skill standards cover the areas of safety, electrical, hydraulics, power trains, diesel engines, and mobile HVAC. There are policies in place to ensure faculty members possess the training, credentials, and qualifications to provide instruction in the proposed program. The College has sufficient library, technology, staff, and financial resources in place to support the proposed program.

Approval request summary, including staff conclusion, follows in Attachment G.

### Rend Lake College

- Associate in Applied Science in Biomedical Electronics

Rend Lake College is seeking approval to offer a 64 credit hour Associate in Applied Science in Biomedical Electronics. This program will prepare individuals for entry-level employment as biomedical electronics technicians in a variety of settings including hospitals, medical services agencies, and other organizations that manufacture, install, maintain, and repair medical and allied healthcare equipment. Biomedical Electronics Technicians install, maintain, and repair medical equipment. Employment for Biomedical Technologists is available in hospitals, medical equipment manufacturing/service businesses, doctors' offices, and other facilities that utilize medical equipment. There are policies in place to ensure faculty members possess the training, credentials, and qualifications to provide instruction in the proposed program. The College has sufficient library, technology, staff, and financial resources in place to support the proposed program.

Approval request summary, including staff conclusion, follows in Attachment H.

### Shawnee Community College

- Associate in Applied Science in Logistics and Operations Management

Shawnee Community College is seeking approval to offer a 65 credit hour Associate in Applied Science in Logistics and Operations Management. This program will prepare individuals for entry-level employment in logistics within a variety of industries including transportation, warehousing, distribution, manufacturing, and construction. Completion of the program will also prepare individuals for the Certified Logistics Technician and Certified Logistics Associate offered through the Manufacturing Skill Standards Council. There are policies in place to ensure faculty members possess the training, credentials, and qualifications to provide instruction in the proposed program. The College has sufficient library, technology, staff, and financial resources in place to support the proposed program.

Approval request summary, including staff conclusion, follows in Attachment I.

Southeastern Illinois College

- Associate in Fine Arts in Musical Theatre

Southeastern Illinois College is seeking approval to offer a 64 credit hour Associate in Fine Arts (AFA) in Musical Theatre for students planning to major in theatre or musical theatre at a four-year institution. With this degree, students will receive a solid foundation in performing arts, theory, history, and musical arts. The AFA degree is closely aligned with lower division coursework at universities offering bachelor's degree programs in fine arts, offering students a bridge into a fine arts program at a four-year institution at a junior status. The proposal satisfies Illinois Community College Board Administrative Rules for the AFA degree program regarding total credit hours and general education requirements, as well as meeting the Illinois Articulation Initiative art major recommendations. There are policies in place to ensure faculty members possess the training, credentials, and qualifications to provide instruction in the proposed program. The College has sufficient library, technology, staff, and financial resources in place to support the proposed program.

- Associate in Fine Arts in Theatre Acting

Southeastern Illinois College is seeking approval to offer a 64 credit hour Associate in Fine Arts (AFA) in Theatre Acting for students planning to major in theatre at a four-year institution. With this degree, students will receive a solid foundation in theatre art, theory, history, and acting. The AFA degree is closely aligned with lower division coursework at universities offering bachelor's degree programs in fine arts, offering students a seamless articulation process when transferring to a fine arts program at a four-year institution. The proposal satisfies Illinois Community College Board Administrative Rules for the AFA degree program regarding total credit hours and general education requirements, as well as meeting the Illinois Articulation Initiative art major recommendations. There are policies in place to ensure faculty members possess the training, credentials, and qualifications to provide instruction in the proposed program. The College has sufficient library, technology, staff, and financial resources in place to support the proposed program.

Approval request summary, including staff conclusion, follows in Attachment J.

The staff recommends adoption of the following resolutions:

*The Illinois Board of Higher Education hereby grants authority to Carl Sandburg College to offer the Associate in Applied Science in Bioprocess Operations Technician 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 Applied Science in Early Childhood Administration 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 Danville Area Community College to offer the Associate in Fine Arts in Art and the Associate in Fine Arts in Art 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 this authorization is granted.*

*The Illinois Board of Higher Education hereby grants authority to Illinois Valley Community College to offer the Associate in Applied Science in Engineering 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 John A. Logan College to offer the Associate in Applied Science in Biomedical Electronics Technology and the Associate in Fine Arts in Studio 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 authority to Malcolm X College to offer the Associate in Applied Science in Dental Hygiene 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 Parkland College to offer the Associate in Applied Science in Case-New Holland (CNH) Service Technician 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 Rend Lake College to offer the Associate in Applied Science in Biomedical Electronics 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 Shawnee Community College to offer the Associate in Applied Science in Logistics and Operations 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 Southeastern Illinois College to offer the Associate in Fine Arts in Musical Theatre and the Associate in Fine Arts in Theatre Acting 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.*

**Carl Sandburg College**  
**2400 Tom L. Wilson Boulevard**  
**Galesburg, IL 61401**  
**President: Dr. Lori Sundberg**

**Proposed Program Title:** Associate in Applied Science (AAS) in Bioprocess Operations Technology (68 credit hours)

### **Program Purpose**

The AAS will prepare individuals to become professional technicians in the renewable energy, waste water control and treatment and/or chemical processing sectors. The program will also include an embedded Certificate in Bioprocess Fermentation Technician Certificate (32 credit hours) which is designed to prepare individuals to be entry-level technicians in the renewable energy and/or wastewater control and treatment sectors.

### **Catalog Description**

The Bioprocess Operations Technician AAS curriculum is designed to prepare individuals to work as plant and system operators in biological products manufacturing facilities. Students will combine basic science and communication skills, manufacturing technologies, and good manufacturing practices in the course of study. The certificate is designed to prepare individuals to work as water/waste treatment plant and system operators or as biological technicians. Students will combine basic science and communication skills, manufacturing technologies, and good manufacturing practices in the course of study.

### **Curricular Information**

The AAS degree requires 17 credit hours of general education coursework and 51 credit hours of career and technical education coursework. The career and technical component of the program includes instruction in electrical fundamentals, biofuels fundamentals, welding fundamentals and survey, industrial safety, industrial electrical controls, industrial electronic controls, industrial blueprints, electrical/electronics troubleshooting, ethanol production, biodiesel production, hydraulics and pneumatics, process control and instrumentation, water treatment and control, and a requirement professional internship in bioprocessing. The certificate curriculum requires a subset of this coursework.

### **Justification for Credit Hours Required for the Degree**

This program is part of the Trade Adjustment Assistance Community College and Career Training (TAACCCT) consortium where the four year university partner, Southern Illinois University Edwardsville, has a bachelor's program in Bioprocess. This curriculum has been aligned with their curriculum to articulate into the bachelor's degree if students wish to pursue a higher degree. Due to the nature of this subject matter, there are more general elective science courses (at four credit hours each) which total more than the minimum requirement of 15 credit hours. Furthermore there is a stronger base of courses in the career and technical core to place graduates in the best position possible for employment or to move forward with a bachelor degree in a seamless fashion.

**Accrediting Information**

No accreditation is required for this subject area.

**Supporting Labor Market Data (including employer partners)**

Across the state, 14 biofuels plants supply more than 54,000 direct, indirect, and induced jobs generating more than \$5 billion in total economic output. In addition, requirements of the Energy Independence and Security Act of 2007 (EISA) established annual renewable fuel volume targets which steadily increase to an overall 36 billion gallons by 2022. The U.S. Environmental Protection Agency (EPA) proposed the 2012 percentage standards by four fuel categories that are part of the agency’s Renewable Fuel Standard to support the greater use of renewable fuels within the transportation sector every year. According to Illinois Department of Employment Security (IDES), employment growth of biological technicians is expected to increase by 0.85 percent and water/wastewater treatment plant and systems technicians is expected to increase by 0.23 percent statewide through 2022.

*Table 1: Employer Partners*

<b>Employer</b>	<b>Location</b>
Monsanto Inc.	Monmouth, IL
Big River Resources	Galva, IL

*Table 2: Projected Enrollment (Degree and Certificate)*

<b>Bioprocess Operations Technician AAS</b>	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Full-Time Enrollments:	6	10	15
Part-Time Enrollments:			
Completions:	0	6	10
<b>Bioprocess Fermentation Technician Certificate</b>	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Full-Time Enrollments:	6	10	15
Part-Time Enrollments:			
Completions:	6	10	15

**Financial/Budgetary Information**

Two new part-time and 11 existing full time faculty are required in year one. All equipment/material costs are covered by the TAACCCT grant.

*Table 3: Financial Information*

	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Faculty Costs	\$35,136	\$36,190	\$37,275
Administrator Costs	-	-	-
Other Personnel costs (specify positions)	-	-	-
Equipment Costs	-	-	-
Library/LRC Costs	-	-	-
Facility Costs	-	-	-

Other (specify)	-	-	-
<b>TOTAL NEW COSTS</b>	<b>\$35,136</b>	<b>\$36,190</b>	<b>\$37,275</b>

*Table 4: Faculty Requirements*

	<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>	
	<b>Full-time</b>	<b>Part-time</b>	<b>Full-time</b>	<b>Part-time</b>	<b>Full-time</b>	<b>Part-time</b>
New Faculty	0	2	0	0	0	0
Existing Faculty	6	5	6	7	6	7

**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**  
**President: Dr. Joseph E. Collins**

**Proposed Program Title:** Associate in Applied Science (AAS) in Early Childhood Administration (64 credit hours)

### **Program Purpose**

The AAS program will prepare individuals for entry-level employment or advancement into the position of child care center administrator.

### **Catalog Description**

The AAS in Early Childhood Administration prepares students for employment in the management of early childhood and school-age programs. Students acquire the skills and knowledge to administrate programs serving infants, toddlers, preschool, and school-age children. This program includes the 20 credit hour Administration of an Early Childhood Center certificate and upon successful completion of this degree students are eligible to apply for the Illinois Director Credential Level 1.

### **Curricular Information**

The degree program requires 21 credit hours of general education coursework and 43 credit hours of career and technical coursework. The career and technical component includes instruction in introductory early childhood education, growth, and development of the young child; child guidance practices; methods courses in discovery of the physical world, self-expression, and the social world; special needs children; child health/safety/nutrition; and curriculum planning for the young child. The curriculum also focuses on the skills and knowledge necessary to administer an early childhood center including program operations, practices, procedures, and staffing. Candidates must also complete a required practicum in at risk early childhood programs and a practicum in early childhood administration.

### **Justification for Credit Hours Required for the Degree**

The proposed curriculum was developed as a 2+2 program and reflects coursework and credit hours that will articulate at the baccalaureate level accordingly, particularly in the general education coursework required. The College has articulation agreements in place with the Lewis University Bachelor of Arts in Early Childhood Special Education program, Kendall College Bachelor of Arts in Early Childhood Education program and Northern Illinois University Bachelor of Arts in Early Childhood Education program and the College has begun articulation discussions with National-Louis University and Roosevelt University.

### **Accrediting Information**

The curriculum aligns with National Association of the Education of Young Children Standards for Professional Preparation, the Gateways to Opportunity Illinois Director Credential Level I criteria, and the Illinois Department of Children and Family Services (DCFS) requirements for Child Care Center Directors.

**Supporting Labor Market Data (including employer partners)**

The curriculum addresses increases in educational requirements for Child Care Center Directors effective July 2017 per the DCFS (DCFS-Section 407.130 Qualifications for Child Care Director). Furthermore, beginning July 2016 changes to the rating system coordinated through ExceleRate Illinois, a statewide quality rating and improvement system for early learning providers, will require child care providers to hold an Illinois Director Credential Level I for a tier 2 (or Silver) Circle of Quality rating. This program will provide training towards the Illinois Director Credential Level I. According to the Illinois Department of Employment Security (IDES), employment in related occupations is expected to increase between 3.1 percent for educational administrators of early child care and 14 percent for child care workers statewide through 2022.

*Table 1: Employer Partners*

<b>Employer</b>	<b>Location</b>
Easter Seals School	Chicago Metro Area (Multiple locations), IL
Bright Horizons Child Care Center	Chicago Metro Area (Multiple locations), IL
Educare of West DuPage	West Chicago, IL

*Table 2: Projected Enrollment*

<b>Early Childhood Administration AAS</b>	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Full-Time Enrollments:	5	10	15
Part-Time Enrollments:	5	10	15
Completions:	2	10	20

**Financial/Budgetary Information**

No new faculty will be required to implement the program. One additional part-time faculty person will be budgeted for during the third year as necessary to address increases in enrollments. All facilities and equipment are adequately in place to support the program. The program will be fiscally supported through student tuition and fees.

*Table 3: Financial Information*

	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Faculty Costs	-	-	-
Administrator Costs	-	-	-
Other Personnel costs (specify positions)	-	-	-
Equipment Costs	-	-	-
Library/LRC Costs	-	-	-
Facility Costs	-	-	-
Other (specify) – Mileage	\$100	\$150	\$200
<b>TOTAL NEW COSTS</b>	<b>\$100</b>	<b>\$150</b>	<b>\$200</b>

*Table 4: Faculty Requirements*

	<b>First Year</b>		<b>Second Year</b>		<b>Third Year</b>	
	<b>Full-time</b>	<b>Part-time</b>	<b>Full-time</b>	<b>Part-time</b>	<b>Full-time</b>	<b>Part-time</b>
New Faculty	0	0	0	0	0	1
Existing Faculty	2	7	2	7	2	7

**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.



**Danville Area Community College**  
**2000 East Main Street**  
**Danville, IL 61832**  
**President: Dr. Alice Marie Jacobs**

**Proposed Program Title:** Associate in Fine Arts (AFA) in Art (62 credit hours)

### **Program Purpose**

The AFA program will prepare students planning to major in art at a four-year institution. With this degree, students will receive a solid foundation in art, theory, history, and digital portfolio skills.

### **Catalog Description**

The Associate in Fine Arts in Art is granted for successful completion of an organized program of study designed to fulfill the first two years toward a baccalaureate degree at senior institutions. Students graduating with the AFA in Art will have completed a digital portfolio that meets the IAI guidelines and is suitable for submission to four-year institutions and/or employers for review. When selecting courses and electives, students should consult a counselor or academic advisor and study carefully the requirements of the college or university to which they plan to transfer.

### **Curricular Information**

The AFA is closely aligned with lower division art coursework at universities offering bachelor's degree programs in fine arts. The proposal satisfies Illinois Community College Board (ICCB) Administrative Rules for the AFA degree program regarding total credit hours and general education requirements, as well as meeting the Illinois Articulation Initiative (IAI) art major recommendations.

### **Justification for Credit Hours Required for the Degree**

The proposed curriculum was developed to improve the alignment with what is recommended for a Bachelor of Fine Arts offered at a four-year institution. This program aligns with the recommendations established for the AFA by the IAI Art Major Panel. The curriculum in this program fulfills the IAI Art Major Panel approved art core courses as well as media specific studio courses.

### **Accrediting Information**

The curriculum aligns with the ICCB Administrative Rules for the AFA degree program; regarding total credit hours and general education requirements, as well as meeting the IAI art major recommendations.

### **Financial / Budgetary Information**

No new faculty will be required to implement this program. Existing faculty and facilities, including art space and equipment, and computer labs are adequate for the implementation of the proposed program. At this time, no additional faculty or facilities are anticipated since art courses are already being taught at Danville Area Community College.

## **Staff Conclusion**

Danville Area 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.

**Proposed Program Title:** Associate in Fine Arts (AFA) in Art Education (62 credit hours)

## **Program Purpose**

The AFA degree program will prepare students planning to major in art at a four-year institution. With this degree, students will receive a solid foundation in art, theory, history, and education.

## **Catalog Description**

The Associate in Fine Arts in Art Education is granted for successful completion of an organized program of study designed to fulfill the first two years toward a baccalaureate degree at senior institutions. Students graduating with the AFA in Art Education will have completed a digital portfolio that meets the IAI guidelines and is suitable for submission to four-year institutions and/or employers for review. When selecting courses and electives, students should consult a counselor or academic advisor and study carefully the requirements of the college or university to which they plan to transfer.

## **Curricular Information**

The AFA degree is closely aligned with lower division art coursework at universities offering bachelor's degree programs in fine arts. The proposal satisfies ICCB Administrative Rules for the AFA degree program regarding total credit hours and general education requirements, as well as meeting the IAI art major recommendations.

## **Justification for Credit Hours Required for the Degree**

The proposed curriculum was developed to improve the alignment with what is recommended for a Bachelor of Fine Arts offered at a four-year institution. This program aligns with the recommendations established for the AFA by the IAI Art Major Panel. The curriculum in this program fulfills the IAI Art Major Panel approved art core courses as well as media specific studio courses.

## **Accrediting Information**

The curriculum aligns with the ICCB Administrative Rules for the AFA degree program; regarding total credit hours and general education requirements, as well as meeting the IAI art major recommendations.

**Financial / Budgetary Information**

No new faculty will be required to implement this program. Existing faculty and facilities, including art space and equipment, and computer labs are adequate for the implementation of the proposed program. At this time, no additional faculty or facilities are anticipated since art courses are already being taught at Danville Area Community College.

**Staff Conclusion**

Danville Area 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.



**Illinois Valley Community College**  
**815 North Orlando Smith Road**  
**Oglesby, IL 61348**  
**President: Dr. Jerry Corcoran**

**Proposed Program Title:** Associate in Applied Science (AAS) in Engineering Technology (64 credit hours)

### **Program Purpose**

The AAS will prepare individuals for entry-level employment at the technician level in the manufacturing settings of wind energy, computerized numerical control, industrial maintenance, industrial electronics, welding production, machining, tool and die making, architectural/civil computer-aided drafting (CAD), mechanical/electronic CAD, and HVAC.

### **Catalog Description**

The AAS in Engineering Technology is designed to prepare students for entry-level employment in high performance, technologically advanced production jobs in all sectors of manufacturing. This degree features the Earn as You Learn model. Students first complete the Certified Production Technician (CPT) Certificate, learning basic skills and knowledge required for entry-level production manufacturing employment in one semester. Students can take advantage of the opportunity to keep learning and advance their careers by then completing one of the nine specialized manufacturing related certificate programs embedded in the AAS in Engineering Technology.

### **Curricular Information**

This degree requires 16 credit hours of general education coursework and between 47.5-48 credit hours of career and technical education coursework. The career and technical component includes instruction specific to one of nine specialty areas.

### **Justification for Credit Hours Required for the Degree**

The employers on the various advisory committees that reviewed this proposed degree valued not only the foundation skills gained in completing the Certified Production Technician Certificate but also the additional specialized skills acquired in the secondary certificate that must be completed to earn this degree. However, they were in agreement that a student earning this degree should complete at least one additional technical course beyond those required in CPT and the specialized certificates. Based on the number of hours necessary to complete CPT Certificate, the selected specialized certificate, and the necessary general education component, it was determined that setting the required credit hours at 64 would insure that each student would take at least one additional course (outside the area of specialization) beyond the minimum requirements of the general education coursework and the two certificates. The option of the additional course being an Illinois Articulation Initiative transfer course was added at the urging of the Chief Manufacturing Executives group as they became aware of opportunities for new 3+1 transfer options for AAS degrees.

## Accrediting Information

This curriculum aligns with the Manufacturing Skill Standards Council standards for the CPT credential and the Occupational Safety and Health Administration standards for 10-hour General Industry certification.

## Supporting Labor Market Data (including employer partners)

Based on the labor market information provided by the College, and according to the Illinois Department of Employment Security, occupations related to this program are expected to see an increase in employment between six and 31 percent statewide through 2022.

*Table 1: Employer Partners*

Employer	Location
Enexo Services Corporation	Dallas, TX (local partners)
Fives Cincinnati and Fives Giddings & Lewis, LLC	Hebron, KY and Fon du Lac, WI
EDF Renewable Services	San Diego, CA (local partners)
Camp Grove Wind Farm	Camp Grove, IL
Benton County Wind Farm	Earl Park, IN
Vissering Construction	Streator, IL
Riverfront Machine	Spring Valley, IL
Caterpillar	Peoria, IL
Menards	Peru, IL

*Table 2: Projected Enrollment*

Engineering Technology AAS	First Year	Second Year	Third Year
Full-Time Enrollments:	5	5	5
Part-Time Enrollments:	15	15	15
Completions:	2	5	8

## Financial/Budgetary Information

This program was developed as a part of the Illinois Network for Advanced Manufacturing (iNAM) Consortium of colleges and received a U.S. Department of Labor Trade Adjustment Assistance Community College and Career Training (TAACCCT) grant, which supports the program. All facilities are in place to support the program.

*Table 3: Financial Information*

	First Year	Second Year	Third Year
Faculty Costs	-	\$9,000	-
Administrator Costs	-	-	-
Other Personnel costs (specify positions)	-	-	-
Equipment Costs	-	-	-
Library/LRC Costs	-	-	-

Facility Costs	-	-	-
Other (specify)	-	-	-
<b>TOTAL NEW COSTS</b>	-	<b>\$9,000</b>	-

*Table 4: Faculty Requirements*

	<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>	
	<u>Full-time</u>	<u>Part-time</u>	<u>Full-time</u>	<u>Part-time</u>	<u>Full-time</u>	<u>Part-time</u>
New Faculty	0	0	0	1-2	0	0
Existing Faculty	4	15	4	15	4	16-18

**Staff Conclusion**

Illinois Valley 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.



**John A. Logan College**  
**700 Logan College Road**  
**Carterville, IL 62918**  
**President: Dr. Ron House**

**Proposed Program Title:** Associate in Applied Science (AAS) in Biomedical Electronics Technology (60 credit hours)

### **Program Purpose**

The AAS will prepare individuals for entry-level employment as biomedical electronics technicians in a variety of settings including hospitals, medical services agencies and other organizations that manufacture, install, maintain, and repair medical and allied healthcare equipment.

### **Catalog Description**

Combining medical terminology, physiology, biomedical instrumentation, and biomedical codes and standards with a strong background in electronics, the Biomedical Equipment Technicians program prepares students for employment in the biomedical field as installers, maintainers, troubleshooters, repairers, and calibrators of biomedical equipment. In addition, the extension provides a foundation for the written portion of the Certified Biomedical Equipment Technician (CBET) exam governed by the United States Certification Commission and the International Certification Commission.

### **Curricular Information**

The degree program requires 15 credit hours of general education coursework and 45 credit hours of career and technical coursework. The career and technical component includes instruction in medical terminology, pathophysiology and pharmacology, basic electricity and wiring, applied DC/AC circuits, introductory and advanced digital electronics, applied solid state electronics and circuits, introductory/intermediate/advanced levels of biomedical instrumentation, linear integrated circuits, microprocessors, A+ preparation essentials, and network technologies. The program will prepare graduates for optional professional credentialing through the Association for the Advancement of Medical Instrumentation (AAMI) Credentials Institute for Biomedical Equipment Technicians (CBET).

### **Justification for Credit Hours Required for the Degree**

This associate degree is 60 hours in length.

### **Accrediting Information**

The curriculum aligns with the standards of the AAMI.

### **Supporting Labor Market Data (including employer partners)**

Labor market information provided by the college supports the interest in and the need for a two-year program in this field of study. The college has been working with local employers to develop a training program that will benefit existing employees and employees seeking entry-level employment. According to the Illinois Department of Employment Security (IDES),

employment of biomedical equipment technicians and medical equipment repairers is expected to increase by an average of 15.3 percent statewide through 2022.

*Table 1: Employer Partners*

<b>Employer</b>	<b>Location</b>
Clintech, Inc.	Herrin, IL
Herrin Hospital	Herrin, IL
Carbondale Hospital	Carbondale, IL
Marshall Browning Hospital	DuQuoin, IL
St. Joseph's Hospital	Highland, IL
Heartland Regional Medical Center	Marion, IL
Marion VA Hospital	Marion, IL

*Table 2: Projected Enrollment*

<b>Biomedical Electronics AAS</b>	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Full-Time Enrollments:	8	10	12
Part-Time Enrollments:	0	2	4
Completions:	0	8	11

### **Financial/Budgetary Information**

The program will require one new faculty person the first year. The college has been acquiring equipment donations from local employers but otherwise will utilize grant funds for necessary equipment. All facilities are sufficient to support the program. The program will be fiscally supported through student tuition and fees.

*Table 3: Financial Information*

	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Faculty Costs	\$6,500	-	-
Administrator Costs	-	-	-
Other Personnel costs (specify positions)	-	-	-
Equipment Costs	\$56,000	\$57,000	-
Library/LRC Costs	-	-	-
Facility Costs	-	-	-
Other (specify)	-	-	-
<b>TOTAL NEW COSTS</b>	<b>\$62,500</b>	<b>\$57,000</b>	-

*Table 4: Faculty Requirements*

	<b>First Year</b>		<b>Second Year</b>		<b>Third Year</b>	
	<b>Full-time</b>	<b>Part-time</b>	<b>Full-time</b>	<b>Part-time</b>	<b>Full-time</b>	<b>Part-time</b>
New Faculty	0	1	0	0	0	0
Existing Faculty	2	1	2	3	2	3

## **Staff Conclusion**

John A Logan 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.

**Proposed Program Title:** Associate in Fine Arts (AFA) in Studio Arts (63 credit hours)

## **Program Purpose**

The AFA will prepare students planning to major in art at a four-year institution. With this degree, students will receive a solid foundation in art, theory, history, and musical arts.

## **Catalog Description**

The Associate of Fine Arts in Musical Theatre is designed for the students who plan to transfer to a four-year institution to complete a Bachelor of Fine Arts degree. This degree program is an Illinois Articulation Initiative (IAI) statewide-articulated degree designed to keep students on a similar schedule to those who begin study in this field at an Illinois IAI participating institution. Since completion of this curriculum does not fulfill the requirements of the Illinois Transferable General Education Core Curriculum, students will need to complete the remaining requirements for the IAI GECC after transfer to an Illinois IAI participating institution or complete that institutions' general education requirements required for general graduation purposes.

## **Curricular Information**

The AFA is closely aligned with lower division theatre coursework at universities offering bachelor's degree programs in fine arts. The proposal satisfies Illinois Community College Board (ICCB) Administrative Rules for the AFA regarding total credit hours and general education requirements, as well as meeting the IAI art major recommendations.

## **Justification for Credit Hours Required for the Degree**

The proposed curriculum was developed to improve the alignment with what is recommended for a Bachelor of Fine Arts offered at a four-year institution. This program aligns with the recommendations established for the AFA by the IAI Art Major Panel. The curriculum in this program fulfills the IAI Art Major Panel approved art core courses as well as media specific studio courses.

## **Accrediting Information**

The curriculum aligns with the ICCB Administrative Rules for the AFA degree program; regarding total credit hours and general education requirements, as well as meeting the IAI art major recommendations.

**Financial / Budgetary Information**

No new faculty will be required to implement this program. Existing faculty and facilities, including art space and equipment, and computer labs are adequate for the implementation of the proposed program. At this time, no additional faculty or facilities are anticipated since art courses are already being taught at John A. Logan College.

**Staff Conclusion**

John A Logan 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.

**Malcolm X College**  
**1900 West Jackson**  
**Chicago, IL 60612**  
**Interim President: Mr. David Sanders**

**Proposed Program Title:** Associate in Applied Science in Dental Hygiene (74 credit hours)

### **Program Purpose**

The AAS will prepare individuals for entry-level employment as licensed dental hygienists.

### **Catalog Description**

The Dental Hygiene AAS program provides specialized educational, clinical, and therapeutic services in preventive oral healthcare preparing graduates for national, regional, and state board examinations required for licensure as a registered dental hygienist. Major responsibilities include examination of the teeth and oral structures; the removal of plaque, calculus and stain from teeth; exposing and developing x-rays; and educating patients in home oral healthcare techniques.

### **Curricular Information**

The degree requires 17 credit hours of general education coursework and 57 credit hours of career and technical education coursework. The career and technical component includes instruction in preventative therapy, introductory and advanced dental hygiene theory and laboratory practice, nutrition and biochemistry, dental radiology, dental materials, oral structure and function, oral pathology and diagnosis, head and neck anatomy, critique of dental literature, expanded functions, introduction and advanced community dental health, dental pharmacology, periodontics for dental hygiene, dental specialties, and ethics and jurisprudence.

### **Justification for Credit Hours Required for the Degree**

The proposed program goes beyond 60 credit hours due to the large contact to credit hour equivalents required to meet accreditation standards set forth by the American Dental Association (ADA) Commission on Dental Accreditation (CODA) and the regulations of the Illinois Dental Practice Act. There are several standards under CODA's Standard 2 Curriculum that address the need for comprehensive didactic, clinical, and laboratory competence. For example, Standard 2-18 states: "Where graduates of a CODA accredited dental hygiene program are authorized to perform additional functions required for initial dental hygiene licensure as defined by the program's state specific dental board or regulatory agency, program curriculum must include content at the level, depth, and scope required by the state. Further, curriculum content must include didactic and laboratory/preclinical/clinical objectives for the additional dental hygiene skills and functions. Students must demonstrate laboratory/preclinical/clinical competence in performing these skills. Intent Functions allowed by the state dental board or regulatory agency for dental hygienists are taught and evaluated at the depth and scope required by the state. The inclusion of additional functions cannot compromise the length and scope of the educational program or content required in the Accreditation Standards and may require extension of the program length."

## Accrediting Information

The curriculum aligns with standards set forth by the ADA CODA and the Illinois Dental Practice Act.

## Supporting Labor Market Data (including employer partners)

According to the Illinois Department of Employment Security (IDES), employment of dental hygienists is expected to increase by 8.9 percent statewide through 2022. This program was previously being offered at the Kennedy-King College campus but is being transferred to the Malcolm X College campus where eventually all City College's healthcare programs will be offered.

*Table 1: Employer Partners*

Employer	Location
University of Illinois at Chicago-College of Dentistry	Chicago, IL
Goldie's Place Dental Clinic	Chicago, IL
Community Health Center-Englewood	Chicago, IL

*Table 2: Projected Enrollment*

Dental Hygiene AAS	First Year	Second Year	Third Year
Full-Time Enrollments:	46	60	60
Part-Time Enrollments:			
Completions:		30	30

## Financial/Budgetary Information:

The program will not require any new faculty. The program will be housed in the new School of Health Sciences building on the Malcolm X College campus, including a virtual hospital and dental hygiene patient care clinic. The majority of equipment will be purchased during the first year of operation. The program will be fiscally supported through tuition and fees.

*Table 3: Financial Information*

	First Year	Second Year	Third Year
Faculty Costs	-	-	-
Administrator Costs	-	-	-
Other Personnel costs (specify positions)	-	-	-
Equipment Costs	\$572,171	\$21,636	\$22,285
Library/LRC Costs	-	-	-
Facility Costs	-	-	-
Other (specify) – Contractual Services	513	528	544
<b>TOTAL NEW COSTS</b>	<b>\$572,684</b>	<b>\$22,164</b>	<b>\$22,829</b>

*Table 4: Faculty Requirements*

	<b>First Year</b>		<b>Second Year</b>		<b>Third Year</b>	
	<b>Full-time</b>	<b>Part-time</b>	<b>Full-time</b>	<b>Part-time</b>	<b>Full-time</b>	<b>Part-time</b>
New Faculty	0	0	0	0	0	0
Existing Faculty	5	11	5	11	5	11

**Staff Conclusion**

Malcolm X 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.



**Parkland College**  
**2400 West Bradley Avenue**  
**Champaign, IL 61821**  
**President: Dr. Tom Ramage**

**Proposed Program Title:** Associate in Applied Science in Case-New Holland (CNH) Service Technician

### **Program Purpose**

The AAS will prepare individuals for entry-level employment in agriculture equipment dealerships that sell and service Case-New Holland or any national brand. The college was granted temporary approval to offer this program beginning in fall 2010 and it has been in operation for five years.

### **Catalog Description**

This program prepares students to maintain and repair equipment used in a Case-New Holland agriculture equipment or construction dealership.

### **Curricular Information**

The degree requires 15 credit hours of general education coursework and 52 credit hours of career and technical education coursework. The career and technical component includes instruction in service operations and implementation, service department computer applications, introductory fuel systems, CNH engine theory and overhaul, CNH machine electrical systems, CNH precision farming systems, CNH hydraulic systems, CNH power train, CNH diesel systems, CNH Ag air conditioning, introductory welding, and a required work-based learning experience with a CNH dealership. Each student will be sponsored and placed with a CNH partner dealership. The program was developed in partnership with CNH and the CNH Educational Training Center and meets skill standards for equipment sales and service technicians as developed by the Association of Equipment Dealers (AED). Those skill standards cover the areas of safety, electrical, hydraulics, power trains, diesel engines and mobile HVAC. In addition, the program will prepare individuals for the optional Air Conditioning Refrigerant Handling Certification exam available through the Mobile Air Conditioning Society.

### **Justification for Credit hours required for the degree**

The career and technical component includes content specified by CNH, as well as coursework identified by the Program Advisory Committee as necessary for student success.

### **Accrediting Information**

No accreditation is required for this subject area.

### **Supporting Labor Market Data**

Labor market information provided by the College continues to support the interest in and the need for a targeted training program in this field of study. According to the Illinois Department of Employment Security (IDES), employment of “agriculture sales reps” is expected to increase by 8.9 percent and employment of “farm equipment mechanics” is expected to increase by 15.5 percent statewide through the year 2022.

Table 1: Projected Enrollment

<b>CNH Service Technician A.A.S.</b>	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Full-Time Enrollments:	37	36	31
Part-Time Enrollments:			
Completions:		20	20

**Financial / Budgetary Information**

The program utilizes existing faculty. All facilities are in place to adequately support the program. All equipment has been donated by Case New-Holland and sponsoring dealerships. The program is fiscally supported through tuition and fees.

Table 2: Financial Information

	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Faculty Costs	-	-	-
Administrator Costs	-	-	-
Other Personnel costs (specify positions)	-	-	-
Equipment Costs	-	-	-
Library/LRC Costs	-	-	-
Facility Costs	-	-	-
Other (specify)	-	-	-
<b>TOTAL NEW COSTS</b>	-	-	-

Table 3: Faculty Requirements

	<b>First Year</b>		<b>Second Year</b>		<b>Third Year</b>	
	<b>Full-time</b>	<b>Part-time</b>	<b>Full-time</b>	<b>Part-time</b>	<b>Full-time</b>	<b>Part-time</b>
New Faculty						
Existing Faculty		2		2		2

**Staff Conclusion**

Parkland 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.

**Rend Lake College**  
**468 North Ken Gray Parkway**  
**Ina, IL 62846**  
**President: Mr. Terry Wilkerson**

**Proposed Program Title:** Associate in Applied Science in Biomedical Electronics (64 credit hours)

### **Program Purpose**

The AAS program will prepare individuals for entry-level employment as biomedical electronics technicians in a variety of settings including hospitals, medical services agencies, and other organizations that manufacture, install, maintain, and repair medical and allied healthcare equipment.

### **Catalog Description**

This program provides the skills and training for students to become Biomedical Electronics Technicians. Biomedical Electronics Technicians install, maintain, and repair medical equipment. Employment for Biomedical Technologists is available in hospitals, medical equipment manufacturing/service businesses, doctors' offices, and other facilities that utilize medical equipment. This degree focuses on electronic fundamentals including AC/DC and digital electronic principals coupled with several biomedical related courses. Biomedical courses provide training in biomedical equipment fundamentals, hospital safety, regulations, medical terminology, human anatomy, physiology, and biology. Students will also be required to complete two biomedical internships at medical facilities.

### **Curricular Information**

The degree program requires 20 credit hours of general education coursework and 44 credit hours of career and technical coursework. The career and technical component includes instruction in digital fundamentals, basic electronics, solid state electronics, network fundamentals, anatomy and physiology, microcomputer hardware and operating systems, biomedical technology, biomedical electronic devices, radiography for biomedical technicians, advanced medical electronics, and a required biomedical internship. The program will prepare graduates for optional professional credentialing through the Association for the Advancement of Medical Instrumentation (AAMI) Credentials Institute for Biomedical Equipment Technicians (CBET).

### **Justification for Credit Hours Required for the Degree**

The curriculum for Biomedical Electronics was developed by experts in the field who also serve on Rend Lake College's Advisory Council. Dave Dykstra, Senior Diagnostic Imaging Engineer at SSM Clinical Engineering Service, has been serving as the expert and consultant in the development of the biomedical program. Other key members of the advisory council include faculty from the Rend Lake College Applied Science and Advanced Technology Division who will be teaching in the biomedical program. The goal of the advisory council was to include the pertinent instructional material required for students to successfully meet the program outcomes and ultimately pass the certification exam.

## Accrediting Information

The curriculum aligns with AAMI standards.

## Supporting Labor Market Data (including employer partners)

The College has been working with local employers to develop a training program that will benefit existing employees and employees seeking entry-level employment. According to the Illinois Department of Employment Security (IDES), employment of biomedical equipment technicians and medical equipment repairers is expected to increase by an average of 15.3 percent statewide through 2022.

*Table 1: Employer Partners*

<b>Employer</b>	<b>Location</b>
Franklin Hospital	Benton, IL
Carbondale Memorial	Carbondale, IL
Marshall Browning Hospital	DuQuoin, IL
Fairfield Memorial	Fairfield, IL
Harrisburg Medical Center	Harrisburg, IL
Herrin Hospital	Herrin, IL
St. Joseph's Hospital	Highland, IL
Marion VA Hospital	Marion, IL
Crossroads Community Hospital	Mt. Vernon, IL
Good Samaritan Hospital	Mt. Vernon, IL
Washington County Hospital	Nashville, IL
Pinckneyville Hospital	Pinckneyville, IL
Hardin County Regional	Rosiclare, IL

*Table 2: Projected Enrollment*

<b>Biomedical Electronics AAS</b>	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Full-Time Enrollments:	10	12	15
Part-Time Enrollments:	2	2	2
Completions:	0	8	9

## Financial/Budgetary Information

The program will require two new part-time faculty the first year. The College will utilize equipment donations from local employers but otherwise will support program equipment needs through grant funding. All facilities are sufficient to support the program. The program will be fiscally supported through student tuition and fees.

*Table 3: Financial Information*

	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Faculty Costs	\$1,500	\$23,000	\$23,000
Administrator Costs	-	-	-
Other Personnel costs (specify positions)	-	-	-
Equipment Costs	-	-	-
Library/LRC Costs	-	-	-
Facility Costs	-	-	-

Other (specify) – Lab supplies	\$23,050	\$16,803	\$29,570.25
<b>TOTAL NEW COSTS</b>	<b>\$24,550</b>	<b>\$39,803</b>	<b>\$63,270.25</b>

*Table 4: Faculty Requirements*

	<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>	
	<u>Full-time</u>	<u>Part-time</u>	<u>Full-time</u>	<u>Part-time</u>	<u>Full-time</u>	<u>Part-time</u>
New Faculty	0	2	0	0	0	0
Existing Faculty	0	0	0	2	0	2

**Staff Conclusion**

Rend Lake 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.



**Shawnee Community College**  
8364 Shawnee College Road  
Ullin, IL 62992  
**President: Dr. Tim Bellamey**

**Proposed Program Title:** Associate in Applied Science in Logistics and Operations Management (65 credit hours)

### **Program Purpose**

The AAS will prepare individuals for entry-level employment in logistics within a variety of industries including transportation, warehousing, distribution, manufacturing and construction. Completion of the program will also prepare individuals for the Certified Logistics Technician and Certified Logistics Associate offered through the Manufacturing Skill Standards Council.

### **Catalog Description**

The AAS in Logistics and Operations Management prepares graduates with the practical skills and knowledge for success in supervisory- and management-level positions within the logistics and warehousing industry. This program is designed to teach students about the sourcing, procurement, conversion, and logistics concepts associated with the production and delivery of goods and services. Students will also receive knowledge and skills related to interpersonal relationship and supervisory skills.

### **Curricular Information**

The degree requires 15 credit hours of general education coursework and 50 credit hours of career and technical education coursework. The career and technical component includes instruction in introductory logistics management, business management, business computer systems, marketing, macro-economics, transportation, project management, operations management, business communications, financial accounting, beginning and advanced supply chain management, managerial accounting, and international business.

### **Justification for Credit Hours Required for the Degree**

Several required career and technical courses carry four credit hours rather than a typical three credit hours. Program developers and the Advisory Committee support the inclusion of all career and technical education content included in the proposed program. In addition, two courses required for completion of an AAS are included at one credit hour each: College Success and Career Development.

### **Accrediting Information**

No accreditation is required for this subject area.

### **Supporting Labor Market Data**

The College was recently granted approval to offer four related short-term certificate programs. The proposed degree will provide an educational ladder opportunity for those students and graduates. According to the Illinois Department of Employment Security (IDES), employment of transportation/storage/distribution managers is expected to increase by 7.3 percent

statewide through 2022. The same occupation in Kentucky is expected to see an increase of 18 percent statewide through 2022. The College currently partners with Murray State University across the border in Kentucky for articulation into related bachelor's degree programs. The institution partnered with West Kentucky Community and Technical College in Paducah, Kentucky to develop the program.

*Table 1: Projected Enrollment*

<b>Logistics &amp; Operations Management AAS</b>	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Full-Time Enrollments:			
Part-Time Enrollments:	15	18	21
Completions:	12	15	17

### **Financial/Budgetary Information**

The program will not require any new faculty. All facilities and equipment are adequately in place to support the program. The program will be fiscally supported through tuition and fees.

*Table 2: Financial Information*

	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Faculty Costs	-	-	-
Administrator Costs	-	-	-
Other Personnel costs (specify positions)	-	-	-
Equipment Costs	-	-	-
Library/LRC Costs	-	-	-
Facility Costs	-	-	-
Other (specify)	-	-	-
<b>TOTAL NEW COSTS</b>	-	-	-

*Table 3: Faculty Requirements*

	<b>First Year</b>		<b>Second Year</b>		<b>Third Year</b>	
	<b>Full-time</b>	<b>Part-time</b>	<b>Full-time</b>	<b>Part-time</b>	<b>Full-time</b>	<b>Part-time</b>
New Faculty						
Existing Faculty	1	1	1	1	1	1

### **Staff Conclusion**

Shawnee 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.

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

**Proposed Program Title:** Associate in Fine Arts (AFA) in Musical Theatre (64 credit hours)

### **Program Purpose**

The AFA degree will prepare students planning to major in theatre or musical theatre at a four-year institution.

### **Catalog Description**

The Associate of Fine Arts in Musical Theatre is designed for the students considering careers as professional performing artists. The degree provides learning opportunities that will make the student well-rounded in the performing arts and is an intensive study of the application of the art form and prepares students to transfer into Bachelor of Fine Arts or Bachelors of Arts programs at a four-year university.

### **Curricular Information**

The AFA is closely aligned with lower division theatre coursework at universities offering bachelor's degree programs in fine arts, offering students a seamless articulation process when transferring to a fine arts program at a four-year institution at a junior status. The proposal satisfies Illinois Community College Board (ICCB) Administrative Rules for the AFA degree program regarding total credit hours and general education requirements, as well as meeting the Illinois Articulation Initiative (IAI) art major recommendations.

### **Justification for Credit Hours Required for the Degree**

The proposed curriculum was developed to ensure that students who choose to transfer to a university in a Bachelor of Fine Arts program can have a seamless articulation process. Through the partnership with Southern Illinois University Carbondale (SIUC), Southeastern Illinois College developed curriculum based upon curricula at SIUC and other major universities to ensure students would be on track to graduate in four semesters at the university. With this degree, students will receive a solid foundation in theatre art, theory, history, and acting.

### **Accrediting Information**

The curriculum aligns with the ICCB Administrative Rules for the AFA degree program; regarding total credit hours and general education requirements, as well as meeting the IAI art major recommendations.

### **Financial / Budgetary Information**

No new faculty will be required to implement this program. Existing faculty and facilities, including art space and equipment, and computer labs are adequate for the implementation of the proposed program. At this time, no additional faculty or facilities are anticipated since art courses are already being taught at Southeastern Illinois College.

## **Staff Conclusion**

Southeastern Illinois 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.

**Proposed Program Title:** Associate in Fine Arts (AFA) in Theatre Acting (64 credit hours)

## **Program Purpose**

The AFA degree will prepare students planning to major in theatre at a four-year institution.

## **Catalog Description**

The AFA in Theatre Acting is designed for the student who wishes to focus on intensive study of the first two years of theatre performance curriculum and production activities. This degree is appropriate for students intending to transfer to a baccalaureate program (BA or BFA) in acting or performance at a four year institution. The AFA in Theatre Acting is a combination of liberal arts general education courses and introductory theatre arts courses.

## **Curricular Information**

The AFA is closely aligned with lower division coursework at universities offering bachelor's degree programs in fine arts, offering students a seamless articulation process when transferring to a fine arts program at a four-year institution. The proposal satisfies ICCB Administrative Rules for the AFA degree program regarding total credit hours and general education requirements, as well as meeting the IAI art major recommendations.

## **Justification for Credit hours Required for the Degree**

The proposed curriculum was developed to ensure that students who choose to transfer to a university in a BFA program can have a seamless articulation process. Through the partnership with Southern Illinois University Carbondale (SIUC), Southeastern Illinois College developed curriculum based upon curricula at SIUC and other major universities to ensure students would be on track to graduate in four semesters at the university. With this degree, students will receive a solid foundation in theatre art, theory, history, and acting.

## **Accrediting Information**

The curriculum aligns with the ICCB Administrative Rules for the AFA degree program; regarding total credit hours and general education requirements, as well as meeting the IAI art major recommendations.

## **Financial / Budgetary Information**

No new faculty will be required to implement this program. Existing faculty and facilities, including art space and equipment, and computer labs are adequate for the

implementation of the proposed program. At this time, no additional faculty or facilities are anticipated since art courses are already being taught at Southeastern Illinois College.

**Staff Conclusion**

Southeastern Illinois 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.

