Melisse Bealon Board Secretary Melissa Bealon

NEW UNITS OF INSTRUCTION AT PUBLIC COMMUNITY COLLEGES

Submitted for:	Action.
Summary:	This item requests approval of seven new associate degree programs to be offered at four community colleges.
Action Requested:	That the Illinois Board of Higher Education approves the following programs at the colleges indicated:
	 Lake Land College Associate of Applied Science in Environmental Health and Safety Services
	 McHenry County College Associate of Applied Science in Architectural Technology Associate of Applied Science in Radiologic Technology Associate of Applied Science in Respiratory Therapy Associate of Applied Science in Video Production and Editing Triton College

• Associate in Engineering Science



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. In addition to the approval criteria in rules, each new program was reviewed for its contributions to the goals of the higher education strategic plan, A Thriving Illinois: Higher Education Paths to Equity, Sustainability, and Growth, which sets forth priorities to guide Illinois higher education. Staff recommendations are based on analyses of application materials and responses to staff questions.

Executive Summary

Lake Land College

• Associate of Applied Science in Environmental Health and Safety Services

Lake Land College is seeking approval for a 60-credit hour Associate of Applied Science (AAS) in Environmental Health and Safety Services. The AAS in Environmental Health and Safety Services will offer students who complete the existing Certificate programs in Environmental Health and Safety, Building Maintenance, and Maintenance Supervision with an educational ladder opportunity. The curriculum includes 19 credit hours of required general education coursework and 41 credit hours of required career and technical education coursework. The career and technical education component includes instruction in introductory custodial services, general cleaning practices, hard floor care, carpet and upholstery care, introductory building maintenance, electrical systems maintenance, plumbing, indoor air quality, remediation concepts, sustainability/green cleaning, maintenance organization, preventative maintenance, budgeting and inventory management, supervisory communication, and supervision for maintenance. The proposed program is designed for students interested in pursuing mid-level positions in the environmental health and safety services industry. Emphasis is placed on technical skills required to work in the field. Students will develop additional general education knowledge and skills to improve future employment opportunities. Assessment of student learning will be achieved through the evaluation of student performance by program faculty.

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

McHenry County College

• Associate of Applied Science in Architectural Technology



McHenry County College is seeking approval for a 60-credit hour Associate of Applied Science (AAS) in Architectural Technology. The AAS in Architectural Technology will provide students with the ability to study the ideas, methods, and processes by which architecture is conceptualized, designed, and built. The curriculum focuses on the latest building project delivery processes and software, as well as architectural design and communication. Two options will be available for students: (1) Architectural technology focuses on the specific software and workflows used in the building delivery process, including computer-aided design and building information modeling, and (2) Architectural design focuses on the principles of architectural design and the methods to communicate them to clients and stakeholders. The curriculum requires 15 credit hours of required general education coursework and 45 credit hours of career and technical education coursework, including between nine and 12 credit hours in specialized option electives. The program will prepare individuals for entry-level employment and advancement opportunities as architectural technicians and designers in a variety of architectural, construction, and engineering settings. Assessment of student learning will be achieved through the evaluation of each student's portfolio by program faculty and individuals with related work experience in the field of architectural design and technology.

Associate of Applied Science in Radiologic Technology

McHenry County College is seeking approval for a 60-credit hour Associate of Applied Science (AAS) in Radiologic Technology. The AAS in Radiologic Technology integrates didactic, laboratory, and clinical training in which students will develop the necessary skills to produce quality radiographic images of human anatomy in a healthcare setting. This is a full-time program that consists of clinical education continuing for five consecutive semesters. The proposed program is designed to prepare students to take the American Registry of Radiologic Technology (ARRT) national certification examination and subsequently begin entry-level careers in diagnostic imaging. The curriculum requires 16 credit hours of required general education coursework, 35 credit hours of career and technical education coursework, and 9 credit hours in radiography clinical practice. This excludes pre-admission general education coursework in anatomy and physiology, mathematics, and medical terminology. The curriculum was developed according to standards developed by the Joint Review Committee on Education in Radiologic Technology (JRCERT) and are aligned with the American Society of Radiologic Technologists (ASRT) competencies which will prepare graduates for credentialing as a registered radiologic technologist through the ARRT. This credential is required for licensure and employment by the Illinois Emergency Management Agency. Assessment of student learning will be achieved through the evaluation of student performance by program faculty and the worksite supervisor during the clinical learning experience.

Associate of Applied Science in Respiratory Therapy

McHenry County College is seeking approval for a 65-credit hour Associate of Applied Science (AAS) in Respiratory Therapy. The AAS in Respiratory Therapy is designed to prepare students to function as a professional respiratory therapist in various healthcare settings including hospitals, nursing homes, and clinics. Respiratory therapists perform respiratory care procedures such as patient evaluation, treatment selection, assessment of treatment, and are involved in clinical decision-making and patient education. Students will participate in classroom, lab, simulation, and clinical practice in this full-time program. The curriculum includes 20 credit hours of required general education coursework and 45 credit hours of required career and technical education coursework. This excludes four credit hours of general education science prerequisite requirements. The curriculum was developed according to standards outlined by the Commission on Accreditation for



Respiratory Care. Completion of an accredited program qualifies graduates to sit for the Registered Respiratory Therapist credentialing exam through the National Board for Respiratory Care. Assessment of student learning will be achieved through the evaluation of student performance by program faculty and the worksite supervisor during the clinical practicum experience.

• Associate of Applied Science in Video Production and Editing

McHenry County College is seeking approval for a 61-credit hour Associate of Applied Science (AAS) in Video Production and Editing. The AAS in Video Production and Editing is a dynamic, hands-on program that will equip students with essential skills in video production, editing, and digital media. With a curriculum grounded in real world applications and cutting-edge technology, graduates will be prepared for careers in film, television, online media, and more. Graduates will be equipped to pursue roles such as video editor, production assistant, camera operator, and multimedia specialist. The skills gained in this program also provide a strong foundation for those interested in pursuing advanced studies or specialized certifications in the field. The curriculum requires 15 credit hours of required general education coursework and 46 credit hours of career and technical education coursework, including nine credit hours in specialized option electives. The proposed program will provide graduates of the existing Video Production and Editing Certificate with an educational ladder opportunity. Assessment of student learning will be achieved through the evaluation of each student's portfolio by program faculty and individuals with related work experience in the field of video production and editing.

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

Triton College

• Associate in Engineering Science

Triton College is seeking approval for a 61-credit hour Associate in Engineering Science (AES). The AES is designed to prepare students for entering baccalaureate-level engineering programs at four-year institutions. The proposed AES program requires 19 credit hours of coursework in communications, mathematics, social and behavioral sciences, and humanities/fine arts. The remaining required 42 credit hours of coursework will be comprised of any combination of baccalaureate/transfer engineering coursework that fulfills the student's transfer plan. Triton College's engineering curriculum offers courses required in the first two years of the bachelor's degree program in all engineering majors. To graduate with a bachelor's degree in four years, students are encouraged to follow the curriculum requirements of the engineering major and the transfer institution. Since this curriculum places emphasis on mathematics and its applications in the sciences, students should possess skills in this area.

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

The staff recommends adoption of the following resolutions:

The Illinois Board of Higher Education hereby grants authority to Lake Land College to offer the Associate of Applied Science in Environmental Health and Safety Services, subject to the institution's



implementation and maintenance of the conditions that were presented in its application and that form the basis upon which this authorization is granted.

The Illinois Board of Higher Education hereby grants authority to McHenry County College to offer the Associate of Applied Science in Architectural 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 McHenry County College to offer the Associate of Applied Science in Radiologic 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 McHenry County College to offer the Associate of Applied Science in Respiratory Therapy, subject to the institution's implementation and maintenance of the conditions that were presented in its application and that form the basis upon which this authorization is granted.

The Illinois Board of Higher Education hereby grants authority to McHenry County College to offer the Associate of Applied Science in Video Production and Editing, subject to the institution's implementation and maintenance of the conditions that were presented in its application and that form the basis upon which this authorization is granted.

The Illinois Board of Higher Education hereby grants authority to Triton College to offer the Associate in Engineering Science, subject to the institution's implementation and maintenance of the conditions that were presented in its application and that form the basis upon which this authorization is granted.



Lake Land College 5001 Lake Land Boulevard Mattoon, IL 61938-9366 President: Dr. Jonathan Bullock

Proposed Program Title: Associate of Applied Science in Environmental Health and Safety Services

Program Purpose

The Associate of Applied Science (AAS) in Environmental Health and Safety Services proposed by Lake Land College (The College) will prepare students for entry-level employment and advancement opportunities in environmental health and safety services and building maintenance. The program will be offered to Illinois Department of Corrections students in 12 correctional facilities across the state.

Catalog Description

The Associate of Applied Science in Environmental Health and Safety Services program is designed for students who are interested in pursuing mid-level positions in the environmental health and safety services industry. Emphasis is placed on technical skills required to work in the field. Students will develop additional general education knowledge and skills to improve future employment opportunities.

Curricular Information

The curriculum includes 19 credit hours of required general education coursework and 41 credit hours of required career and technical education coursework. The career and technical component includes instruction in introductory custodial services, general cleaning practices, hard floor care, carpet and upholstery care, introductory building maintenance, electrical systems maintenance, plumbing, indoor air quality, remediation concepts, sustainability/green cleaning, maintenance organization, preventative maintenance, budgeting and inventory management, supervisory communication, and supervision for maintenance. The proposed program will offer students who complete the existing Certificate programs in Environmental Health and Safety, Building Maintenance, and Maintenance Supervision with an educational ladder opportunity. Assessment of student learning will be achieved through the evaluation of student performance by program faculty.

Justification for Credit Hours Required for the Degree

N/A

Accrediting Information

Lake Land College is accredited by the Higher Learning Commission. No further specialized accreditation is required.



Diversity, Equity, and Inclusion Efforts

Lake Land College's collaboration with the Illinois Department of Corrections (IDOC) illustrates the institution's commitment to equity. The programs Lake Land College offer within the IDOC system service a diverse, underrepresented, and underserved population. The goal of the College is to ensure students have access to entry-level jobs with the possibility of upward mobility and more sustainable wages. IDOC determines support services for students while incarcerated and after release. General counseling services are provided to students throughout their program, and College faculty refer students for additional support, academic or otherwise, as needed. The program will be consistently offered at each of the IDOC facilities. This will allow students transferring between facilities or returning to another facility the ability to re-enter the program and continue their education. The College will intentionally expose students to a diverse set of faculty within the classroom and provide opportunities for students to learn from individuals with diverse backgrounds who work within the industry.

Supporting Labor Market Data (including employer partners)

Labor market information provided by the College supports continuing education opportunities in the environmental health and safety services field. The program will allow incarcerated students within the Illinois Department of Corrections to participate in vocational training to improve their employment opportunities and wages after release. According to the Illinois Department of Employment Security, overall growth in employment of occupations related to building maintenance is expected to increase between 1.7 to 6.5 percent statewide through 2032.

IDOC Facilities	Location
Hill Correctional Center	Galesburg, IL
Jacksonville Correctional Center	Jacksonville, IL
Kewanee Life Skills Re-Entry Center	Kewanee, IL
Lawrence Correctional Center	Sumner, IL
Lincoln Correctional Center	Lincoln, IL
Logan Correctional Center	Lincoln, IL
Pinckneyville Correctional Center	Pinckneyville, IL
Robinson Correctional Center	Robinson, IL
Shawnee Correctional Center	Vienna, IL
Southwestern Correctional Center	East St. Louis, IL
Taylorville Correctional Center	Taylorville, IL

Table 1: Partner Facilities

 Table 2: Projected Enrollments

 Enviro Health & Safety A.A.S.

First Year

Second Year

Third Year



Full-Time Enrollments:	5	10	20
Part-Time Enrollments:	-	-	-
Completions:	3	6	13

Financial and Budgetary Information

The program will require 12 existing full-time faculty to be implemented. Full-time faculty will preferably hold an associate's degree or higher, at least three years of work experience in the building maintenance field, and one year of teaching experience preferred. The program will be fiscally supported through a grant agreement with the Illinois Department of Corrections. Additional Perkins grant funds for commodities and supplies will be sought upon Board approval.

Table 3: Financial Information

	First Year	Second Year	Third Year
Faculty Costs	\$889,655	\$943,034	\$990,186
Administrator Costs	-	-	-
Other Personnel Costs	-	-	-
Equipment Costs	-	-	-
Library/LRC Costs	-	-	-
Facility Costs	-	-	-
Other (commodities/supplies)	\$36,000	\$36,000	\$36,000
TOTAL NEW COSTS	\$925,655	\$979,034	\$1,026,186

Table 4: Faculty Requirements

	Fire	st Year	Sec	ond Year	Th	ird Year
	<u>Full-time</u>	Part-time	<u>Full-time</u>	Part-time	Full-time	Part-time
New Faculty	0	0	0	0	0	0
Existing Faculty	12	0	12	0	12	0

Staff Conclusion



Lake Land College and its proposed program meet the criteria to implement the Board of Higher Education Act (110 ILCS 205) as outlined in 23. III. Admin. Code 1050.30 and the Illinois Board of Higher Education policies pertaining to assessment and accreditation for licensure.



McHenry County College 8900 U.S. Highway 14 Crystal Lake, IL 60012-2761 President: Dr. Clinton Gabbard

Proposed Program Title: Associate of Applied Science in Architectural Technology

Program Purpose:

The Associate of Applied Science (AAS) in Architectural Technology proposed by McHenry County College (The College) will prepare students for entry-level employment and advancement opportunities as architectural technicians and designers in a variety of architectural, construction, and engineering settings.

Catalog Description:

The Associate of Applied Science in Architectural Technology provides students with the ability to study the ideas, methods, and processes by which architecture is conceptualized, designed, and built. The curriculum focuses on the latest building project delivery processes and software, as well as architectural design and communication. Two options will be available for students: Technology focuses on the specific software and workflows used in the building delivery process, including computer aided design (CAD) and building information modeling (BIM), and Design focuses on the principles of architectural design and the methods to communicate them to clients and stakeholders. Graduates of the program can seek employment in architectural design firms as entry-level designers, or in architecture, engineering, and construction firms as entry-level CAD and BIM technicians. Students can also choose to transfer their credits towards a bachelor's degree program, giving students the opportunity to continue their education.

Curricular Information

The curriculum requires 15 credit hours of general education coursework, 45 credit hours of career and technical education coursework, including between nine and 12 credit hours in specialized option electives. The career and technical component includes instruction in introductory through advanced levels of architectural design, introductory through advanced levels of architectural design, introductory through advanced levels of computer-aided design/AutoCAD, architectural drawing, building information modeling (BIM) residential and commercial architectural Revit, BIM systems and management Revit, AEC (Architecture, Engineering & Construction) construction documents, AEC productivity software, AEC project delivery, a design visualization portfolio, and related technical electives supporting either the Technology or Design Options. Assessment of student learning will be achieved through evaluation of the student's portfolio by program faculty and individuals with related work experience in the field of architectural design and technology.

Justification for Credit Hours Required for the Degree:

N/A



Accrediting Information

McHenry County College is accredited by the Higher Learning Commission. No further specialized accreditation is required.

Diversity, Equity, and Inclusion Efforts

McHenry County College is committed to equity strategies that involve closing gaps on who enrolls, persists, and completes programs in this field of study. The College currently utilizes multiple forms of outreach with underrepresented groups in an effort to increase enrollment, retention and graduation rates. Targeted efforts include focusing on attracting, recruiting, and retaining a diverse population of students, and within career and technical education programs. McHenry County College provides a multitude of services for assisting students with program completion through various student support services available on campus and virtually. The College continues its efforts to hire and retain diverse faculty, staff, and administration through Diversity Equity Initiative (DEI) training for search committees, advertising to diverse audiences, the review of existing policies and practices, and providing access to DEI support activities throughout the year. The College recently hired an associate vice president of DEI to oversee the consistent management of related programs and services to students, faculty, and administration.

Supporting Labor Market Data (including employer partners)

Labor market information provided by the College supports student interest in this field of study. According to the Illinois Department of Employment Security, overall growth in employment of architectural technology and design is expected to increase by 5 percent statewide through 2032.

Table 1: Employer Partners

Employers	Location
ALA Architects & Planners, Inc.	Crystal Lake, IL
Aldridge Group	Libertyville, IL
Architectural Consulting & Forensics, PLLC	Chicago, IL
Chipman Design Architecture	Des Plaines, IL
Dewberry Architects	Elmhurst, IL
DDCA Architects	Prairie Grove, IL
M.A. Mortenson Company	Itasca, IL
Williams Architects	Itasca, IL
McHenry County Dept. of Planning & Development	Woodstock, IL
The Hill Group	Franklin Park, IL
McCormack + Etten Architects	Lake Geneva, WI

Table 2: Projected Enrollments



Architectural Technology A.A.S.	First Year	Second Year	Third Year
Full-Time Enrollments:	20	40	60
Part-Time Enrollments:	30	60	90
Completions:	0	20	20



Financial and Budgetary Information

One existing full-time faculty, two existing part-time faculty, and two new part-time faculty will be necessary to implement the program. Full-time faculty will hold at least a bachelor's degree in architecture or a closely related field, one year of work experience in the field, and one year of teaching experience preferred. Part-time faculty will hold at least an associate's degree in architectural technology or construction management, at least four years of work experience in the field, and some teaching experience preferred. This program will be fiscally supported through student tuition and fees.

	First Year	Second Year	Third Year
Faculty Costs	\$20,000	\$120,000	\$0
Administrator Costs	-	-	-
Other Personnel Costs	-	-	-
Equipment Costs	-	-	-
Library/LRC Costs	-	-	-
Facility Costs (remodeling)	\$10,000	-	-
Other	-	-	-
TOTAL NEW COSTS	\$30,000	\$120,000	\$0

Table 3: Financial Information

Table 4: Faculty Requirements

	First Year		Second Year		Third Year	
	<u>Full-Time</u>	Part-Time	<u>Full-Time</u>	<u>Part-Time</u>	Full-Time	<u>Part-Time</u>
New Faculty	0	2	1	2	0	0
Existing Faculty	1	2	1	4	2	6

Proposed Program Title: Associate of Applied Science in Radiologic Technology

Program Purpose

The proposed Associate of Applied Science (AAS) in Radiologic Technology will prepare students for entry-level employment as radiographers, also known as radiology/radiologic technologists and X-ray technicians, in a variety of healthcare settings. **Catalog Description**

The Associate of Applied Science in Radiologic Technology integrates didactic, laboratory, and clinical training in which students will develop the necessary skills to produce quality radiographic images of human anatomy in a healthcare setting. This is a full-time program that consists of clinical education continuing for five consecutive semesters. The proposed program is



designed to prepare students to take the American Registry of Radiologic Technology national certification examination and subsequently begin entry-level careers in diagnostic imaging.

Curricular Information

The curriculum requires 16 credit hours of general education coursework, 35 credit hours of career and technical education coursework, and nine credit hours in radiography clinical practice. This excludes pre-admission general education coursework in anatomy and physiology, mathematics, and medical terminology. Career and technical education coursework include medical terminology, introductory radiography and patient care, introductory and advanced levels of radiographic procedures, introductory/intermediate/advanced levels of radiographic imaging, advanced imaging procedures, radiation biology and safety, radiographic pathology, radiographic image analysis, registration exam review, and five levels of radiography clinical work-based learning practice. The curriculum was developed according to standards implemented by the Joint Review Committee on Education in Radiologic Technology (JRCERT) and are aligned with the American Society of Radiologic Technologists (ASRT) competencies which will prepare graduates for credentialing as a registered radiologic technologist through the ARRT. This credential is required for licensure and employment by the Illinois Emergency Management Agency. Assessment of student learning will be achieved through the evaluation of student performance by program faculty and the worksite supervisor during the clinical learning experience.

Justification for Credit Hours Required for the Degree

Credit hours required to complete the program mirror the course content and contact hours in the clinical practicum required for accreditation by JRCERT, and for students to earn credentialing through ARRT.

Accrediting Information

McHenry County College is accredited by the Higher Learning Commission. The program must be accredited by the Joint Review Committee on Education in Radiologic Technology. The College must apply for JRCERT accreditation once all appropriate Board approvals have been granted, and a program director has been hired.

Diversity, Equity, and Inclusion Efforts

McHenry County College is committed to equity strategies that involve closing gaps on who enrolls, persists, and completes programs in this field of study. The College currently utilizes multiple forms of outreach with underrepresented groups in an effort to increase enrollment, retention and graduation rates. Targeted efforts include focusing on attracting, recruiting, and retaining a diverse population of students, and within career and technical education programs. McHenry County College provides a multitude of services for assisting students with program completion through various student support services available on campus and virtually. The College continues its efforts to hire and retain diverse faculty, staff, and administration through Diversity Equity Initiative (DEI) training for search committees, advertising to diverse audiences, the review of existing policies and practices, and providing access to DEI support activities throughout the year. The College recently hired an associate vice president of DEI to oversee the consistent management of related programs and services to students, faculty, and administration. The College will intentionally expose students



to a diverse set of faculty and employers as well as provide opportunities for students to learn from individuals with diverse backgrounds who work within the industry.

Supporting Labor Market Data (including employer partners)

Labor market information provided by the College supports student interest in this field of study. According to the Illinois Department of Employment Security, overall growth in employment of radiologic technologists is expected to increase by 0.01 percent statewide through 2032.

Employers	Location
Northwestern Medicine	McHenry, IL
Northwestern Medicine	Huntley, IL
MercyHealth System	Crystal Lake, IL
Advocate Good Shepherd Hospital	Barrington, IL
Advocate Condell Medical Center	Libertyville, IL

Table 2: Projected Enrollments

Radiologic Technology A.A.S.	First Year	Second Year	Third Year
Full-Time Enrollments:	16	16	16
Part-Time Enrollments:	0	0	0
Completions:	0	14	14

Financial and Budgetary Information

One new full-time faculty and three new part-time faculty will be necessary to implement the program. The program director will hold at least a master's degree in radiologic technology, a current ARRT credential, at least three years of work experience, and two years of teaching experience. The clinical coordinator and program faculty will hold at least a bachelor's degree in radiologic technology, a current ARRT credential, at least two years of work experience, and one year of teaching experience.

New costs are associated with facilities remodeling, faculty, administration, equipment, and accreditation of the program. The program will otherwise be fiscally supported through institutional funds and student tuition and fees.

Table	3:	Financial	Inf	formation
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	First Year	Second Year	Third Year
Faculty Costs	\$180,000	\$215,000	\$215,000
Administrator Costs	0	0	0



Facility Costs (remodeling)	\$300,000	0	0	
Facility Costs (remodeling)	\$300,000	0	0	
Other	0	0	0	
TOTAL NEW COSTS	\$1,027,000	\$240,000	\$240,000	

Table 4: Faculty Requirements

	First Year		Second Year		Third Year	
	<u>Full-time</u>	<u>Part-time</u>	<u>Full-time</u>	Part-time	<u>Full-time</u>	Part-time
New Faculty	1	3	0	0	0	0
Existing Faculty	0	0	1	3	1	5



Proposed Program Title: Associate of Applied Science in Respiratory Therapy

Program Purpose

The proposed Associate of Applied Science (AAS) in Respiratory Therapy will prepare students for entry-level employment as respiratory care technicians, leading to national credentialing as a Registered Respiratory Technician (RRT). **Catalog Description**

The Associate of Applied Science in Respiratory Therapy program is designed to prepare students to function as a professional respiratory therapist in various healthcare settings including hospitals, nursing homes, and clinics. Respiratory therapists perform respiratory care procedures including patient evaluation, treatment selection, assessment of treatment, and are involved in clinical decision-making and patient education. Students will participate in classroom, lab, simulation, and clinical practice in this full-time program.

Curricular Information

The curriculum includes 20 credit hours of required general education coursework and 45 credit hours of required career and technical education coursework. This excludes four credit hours of general education science pre-requisite requirements. The career and technical education component includes instruction in introductory respiratory therapy, introduction and advanced levels of respiratory therapy procedures, pharmacology for respiratory therapists, introductory and advanced levels of respiratory disease and diagnostics, intensive respiratory care, pulmonary function testing, hemodynamic monitoring, neonatal and pediatric respiratory care, critical care and emergency respiratory therapy, a certification board review course, and four levels of clinical practice in respiratory care. Assessment of student learning will be achieved through the evaluation of student performance by program faculty and the worksite supervisor during the clinical practicum experience.

The curriculum was developed according to standards outlined by the Commission on Accreditation for Respiratory Care. Completion of an accredited program qualifies graduates to sit for the Registered Respiratory Therapist credentialing exam through the National Board for Respiratory Care.

Justification for Credit Hours Required for the Degree

Content and clinical practice contact hours meet the criteria for program accreditation and student credentialing outlined by the Commission on Accreditation for Respiratory Care. The proposed curriculum includes all general education prerequisite science courses, as well as those required for accreditation.

Accrediting Information

McHenry County College is accredited by the Higher Learning Commission. Specialized program accreditation through the Commission on Accreditation for Respiratory Care is required for students to be eligible for national credentialing. The College will apply for conditional accreditation once all state-level approvals have been granted. Upon graduating the first class of



students, the College will conduct a programmatic self-study and the Commission on Accreditation for Respiratory Care will conduct a site visit leading to full accreditation.

Diversity, Equity, and Inclusion Efforts

McHenry County College is committed to equity strategies that involve closing gaps on who enrolls, persists, and completes programs in this field of study. The College currently utilizes multiple forms of outreach with underrepresented groups in an effort to increase enrollment, retention and graduation rates. Targeted efforts include focusing on attracting, recruiting, and retaining a diverse population of students, and within career and technical education programs. McHenry County College provides a multitude of services for assisting students with program completion through various student support services available on campus and virtually. The College continues its efforts to hire and retain diverse faculty, staff, and administration through Diversity Equity Initiative (DEI) training for search committees, advertising to diverse audiences, the review of existing policies and practices, and providing access to DEI support activities throughout the year. The College recently hired an associate vice president of DEI to oversee the consistent management of related programs and services to students, faculty, and administration. The College will intentionally expose students to a diverse set of faculty and employers as well as provide opportunities for students to learn from individuals with diverse backgrounds who work within the industry.

Supporting Labor Market Data (including employer partners)

Labor market information provided by the College supports student interest and the need for training programs in this field of study. According to the Illinois Department of Employment Security, employment growth for respiratory therapists is expected to increase statewide around 9.4 percent through the year 2032. Based on information provided by the College, the Commission on Accreditation for Respiratory Care is considering adjusting the educational requirement to the associate degree level as the entry point for advanced hiring, rather than a bachelor's degree. As such, the Commission seeks to increase the number of accredited programs at the associate degree level to develop more educational pathways for students.

Employer	Location
Northwestern Medicine	McHenry, IL
Northwestern Medicine	Huntley, IL
Advocate Condell Medical Center	Libertyville, IL
Mercy Health System	Crystal Lake, IL
Advocate Good Shephard Hospital	Barrington, IL

Table 1: Employer Partners

Table 2: Projected Enrollments

Respiratory Therapy A.A.S. degree	First Year	Second Year	Third Year
Full-Time Enrollments:	16	16	15
Part-Time Enrollments:	-	-	-



Completions:	-	14	14

Financial and Budgetary Information

Table 3. Financial Information

The program will require two new full-time faculty during the first year of the program and one additional part-time faculty member in year two. Qualified faculty will hold a bachelor's degree in respiratory care or a closely related healthcare field, hold current National Board credentialing as an RRT, have at least four years of work experience, and at least two years of teaching experience. The program will be supported fiscally through student tuition and fees.

	First Year	Second Year	Third Year
Faculty Costs (FT/PT)	\$170,000	\$195,000	\$195,000
Administrator Costs	-	-	-
Other Personnel Costs (stipends)	\$10,000	\$10,000	\$10,000
Equipment Costs	\$300,000	\$1 <i>5</i> ,000	\$15,000
Library/LRC Costs	-	-	-
Facility Costs	-	-	-
Other (Annual Fee/Disposables)	\$300,000	-	-
TOTAL NEW COSTS	\$780,000	\$220,000	\$220,000

Table 4: Faculty Requirements

	First Year		Second Year		Third Year	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
New Faculty	2	0	0	1	0	0
Existing Faculty	0	0	2	0	2	1

Proposed Program Title: Associate of Applied Science in Video Production and Editing

Program Purpose

The proposed Associate of Applied Science (AAS) in Video Production and Editing will prepare students for entry-level employment and advancement opportunities such as a video production and editing assistant, editor, and producer within the entertainment, social media and related industries.

Catalog Description

The Associate of Applied Science in Video Production and Editing is a dynamic, hands-on program. The proposed program will equip students with essential skills in video production, editing, and digital media. With a curriculum grounded in real world applications and cutting-edge



technology, graduates will be prepared for careers in film, television, online media, and more. Graduates will be equipped to pursue roles such as video editor, production assistant, camera operator, and multimedia specialist. The skills gained in this program also provide a strong foundation for those interested in advanced studies or specialized certifications in the field.

Curricular Information

The curriculum requires 15 credit hours of required general education coursework and 46 credit hours of career and technical education coursework, including nine credit hours in specialized option electives. The career and technical component includes instruction in introductory, intermediate, and advanced levels of audio video production, audio video pre-production, audio video post-production, introductory and advanced levels of digital photography, studio lighting, motion graphics, digital design tools, professional practices, and related technical electives supporting options in special effects and animation, graphic design, marketing, fine arts or advanced production. The proposed program will provide graduates of the existing Video Production and Editing Certificate with an educational ladder opportunity. Assessment of student learning will be achieved through the evaluation of each student's portfolio by program faculty and individuals with related work experience in the field of video production and editing.

Justification for Credit Hours Required for the Degree:

The proposed degree exceeds 60 credit hours by one course and credit hour to include the required professional practice portfolio highly recommended by local employers for networking and seeking employment in the industry.

Accrediting Information

McHenry County College is accredited by the Higher Learning Commission. No further specialized accreditation is required.

Diversity, Equity, and Inclusion Efforts

McHenry County College is committed to equity strategies that involve closing gaps on who enrolls, persists, and completes programs in this field of study. The College currently utilizes multiple forms of outreach with underrepresented groups in an effort to increase enrollment, retention and graduation rates. Targeted efforts include focusing on attracting, recruiting, and retaining a diverse population of students, and within career and technical education programs. McHenry County College provides a multitude of services for assisting students with program completion through various student support services available on campus and virtually. The College continues its efforts to hire and retain diverse faculty, staff, and administration through Diversity Equity Initiative (DEI) training for search committees, advertising to diverse audiences, the review of existing policies and practices, and providing access to DEI support activities throughout the year. The College recently hired an associate vice president of DEI to oversee the consistent management of related programs and services to students, faculty, and administration. The College will intentionally expose students to a diverse set of faculty and employers as well as provide opportunities for students to learn from individuals with diverse backgrounds who work within the industry.

Supporting Labor Market Data (including employer partners)



Labor market information provided by the College supports student interest in this field of study. According to the Illinois Department of Employment Security, overall growth in employment of occupations related to video production and editing is expected to increase between 6.6 to 10.5 percent statewide through 2032.

Table 1: Employer Partners

Employers	Location
Uncommon Creator	Fox River Valley, IL
Parrish Production	Woodstock, IL
Scherer Film Making	Crystal Lake, IL
Treager Cinematography & Design	Crystal Lake, IL

Table 2: Projected Enrollments

Video Prod & Editing A.A.S.	First Year	Second Year	Third Year
Full-Time Enrollments:	10	15	20
Part-Time Enrollments:	5	10	15
Completions:	0	10	15

Financial and Budgetary Information

Two existing faculty (one full time and one part time), and one new part-time faculty will be necessary to implement the program. Full-time faculty will hold at least a bachelor's degree in film and video production, digital media, animation, or closely related field, one year of work experience in the field, and one year of teaching experience preferred. Part-time faculty will hold at least an associate degree in film and video production or digital media, at least three years of work experience in the field, and some teaching experience preferred. The program will be fiscally supported through student tuition and fees.

Table 3: Financial Information

	First Year	Second Year	Third Year
Faculty Costs	\$6,388	\$52,165	\$O
Administrator Costs	-	-	-
Other Personnel Costs	-	-	-
Equipment Costs	-	-	-
Library/LRC Costs	-	-	-
Facility Costs	-	-	-
Other	-	-	-



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Table 4: Faculty	Requirements					
	Firs	t Year	Seco	nd Year	Thi	rd Year
	<u>Full-time</u>	<u>Part-time</u>	<u>Full-time</u>	<u>Part-time</u>	<u>Full-Time</u>	<u>Part-time</u>

Staff Conclusion

Existing Faculty

New Faculty

McHenry County College and its proposed programs meet the criteria to implement the Board of Higher Education Act (110 ILCS 205) as outlined in 23. III. Admin. Code 1050.30 and the Illinois Board of Higher Education policies pertaining to assessment and accreditation for licensure.



Triton College 2000 Fifth Avenue River Grove, IL 60171-1995 President: Ms. Mary-Rita Moore

Proposed Program Title: Associate in Engineering Science

Program Purpose

The Associate in Engineering Science (AES) proposed by Triton College (The College) is designed to prepare students for entering baccalaureate-level engineering programs at four-year institutions.

Catalog Description

Triton College's engineering curriculum offers courses required in the first two years of the bachelor's degree program in all engineering majors. To graduate with a bachelor's degree in four years, students are encouraged to follow the curriculum requirements of the engineering major and college to which they plan to transfer. Since the curriculum places emphasis on mathematics and its applications in the sciences, students should possess skills in this area. Completion of the curriculum and compliance with other graduation requirements will enable students to earn an AES degree and continue working toward a wide range of specialized field including mechanical, civil, electrical, industrial and aerospace engineering.

Students should note that four-year colleges and universities vary in specific course and transfer requirements. Therefore, it is important that in selecting courses, students should consult Triton's engineering department or an academic advisor as well as an admissions advisor at the intended transfer institution.

Curricular Information

The proposed AES program requires 19 credit hours of coursework in communications, mathematics, social and behavioral sciences, and humanities/fine arts. The remaining required 42 credit hours of coursework will be comprised of any combination of baccalaureate/transfer engineering coursework that fulfills the student's transfer plan.

Justification for Credit Hours Required for the Degree

N/A

Accrediting Information

Triton College is accredited by the Higher Learning Commission. No additional program accreditation is required to offer the proposed program.

Diversity, Equity, and Inclusion Efforts

Triton College is committed to equity strategies that involve closing gaps on who enrolls, persists, and completes programs in this field of study. The College currently utilizes multiple forms of outreach with underrepresented groups including attendance at high school educational fairs and working with industry partners to identify and target underserved individuals who may be



interested in the proposed program or related stackable programs. Further, the College delivers outreach materials using multiple languages of the community including English, Spanish, and Polish. TRIO, Triumph, and Surge programs support and serve underrepresented student populations. The College continues its efforts to hire and retain diverse faculty, staff, and administration through Diversity Equity Initiative Professional Development Workshops and year-round support activities. The College will intentionally expose students to a diverse set of faculty within the classroom and provide opportunities for students to learn from individuals with diverse backgrounds in applicable fields.

Faculty Needs

Existing faculty (one full time and three part time) will be utilized to implement the proposed program. Two additional faculty (one full-time and one part-time) will be required for mechanical and electrical engineering coursework. Faculty must meet the requirements for teaching baccalaureate/transfer courses including master's degrees in the discipline and at least five years of work or teaching experience.

Financial Information

All facilities are currently in place to implement the proposed program. Some additional equipment will be needed to support coursework in mechanical and electrical engineering. The program will be supported fiscally through student tuition and fees.

Staff Conclusion

Triton College and its proposed program meet the criteria to implement the Board of Higher Education Act (110 ILCS 205) as outlined in 23. III. Admin. Code 1050.30 and the Illinois Board of Higher Education policies pertaining to assessment and accreditation for licensure.

