APPROVED
June 26, 2024
Melissa Bealon
Board Secretary Melissa Bealon

Item #G-2
June 26, 2024

NEW UNITS OF INSTRUCTION AT PUBLIC COMMUNITY COLLEGES

Submitted for: Action.

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

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

Lincoln Land Community College
- Associate of Applied Science in Cardiovascular Sonography
- Associate of Applied Science in Medical Laboratory Technology

McHenry County College
- Associate of Applied Science in Automation, Robotics and Mechatronics
- Associate of Applied Science in Precision Machining

Oakton College
- Associate of Applied Science in Cardiac Sonography
- Associate of Applied Science in Radiography
- Associate of Applied Science in Surgical Technology

Southwestern Illinois College
- Associate of Applied Science in Histotechnology

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

Lincoln Land Community College

- Associate of Applied Science in Cardiovascular Sonography

Lincoln Land Community College is seeking approval for a 68-credit hour Associate of Applied Science in Cardiovascular Sonography. The proposed program will prepare individuals for entry-level employment and advancement opportunities working with advanced industrial robotic equipment and related automated systems. The curriculum was developed according to standards developed by the Commission on Accreditation of Allied Health Education Programs Joint Review Committee on Education in Diagnostic Medical Sonography to prepare graduates for national certification through the American Registry of Diagnostic Medical Sonography or Cardiovascular Credentialing International. 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 of Applied Science in Medical Laboratory Technology

Lincoln Land Community College is seeking approval for a 65-credit hour Associate of Applied Science in Medical Laboratory Technology. The proposed program will prepare individuals for employment as medical lab technicians in a variety of healthcare and clinical settings. The curriculum was developed according to standards outlined by the National Accrediting Agency for Clinical Laboratory Sciences and the American Society for Clinical Laboratory Sciences and will prepare graduates for the required national certification through the American Society for Clinical Pathology's Board of Certification exam. 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.

McHenry County College

- Associate of Applied Science in Automation, Robotics and Mechatronics

McHenry County College is seeking approval for a 60-credit hour Associate of Applied Science in Automation, Robotics and Mechatronics. The proposed program will prepare graduates for entry-level employment and advancement opportunities working with advanced industrial robotic equipment and related automated systems. 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 of Applied Science in Precision Machining

McHenry County College is seeking approval for a 60-credit Hour Associate of Applied Science in Precision Machining. Graduates will be prepared for entry-level employment and advancement opportunities in manufacturing settings using multiple types of precision machining, manual, and programming processes. The curriculum will prepare individuals for National Institute of Metalworking Skills credentials Levels I and 2. 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.

Oakton College

- Associate of Applied Science in Cardiac Sonography

Oakton College is seeking approval for a 72-credit Hour Associate of Applied Science in Cardiac Sonography. The proposed program focuses on adult cardiac specialty and will prepare individuals for employment as cardiac sonographers, also known as echocardiographers and cardiovascular sonographers, and technicians who perform tests and read results relating to cardiovascular health in a variety of healthcare settings. The curriculum was developed according to standards outlined by the Commission on Accreditation of Allied Health Education Programs Joint Review Committee on education in Diagnostic Medical Sonography to prepare graduates for national certification through the American Registry of Diagnostic Medical Sonographyor Cardiovascular Credentialing International. 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 of Applied Science in Radiography

Oakton College is seeking approval for a 70-credit Hour Associate of Applied Science in Radiography. Graduates will be prepared for entry-level employment as radiographers, also known as radiology/radiologic technologists and X-ray technicians, in a variety of healthcare settings. The curriculum requires 19 credit hours of required general education coursework, 35 credit hours of career and technical education coursework, and 16 credit hours in radiography clinical practice. The curriculum was developed according to standards developed by the Joint Review Committee on Education in Radiologic Technology, are aligned with the competencies established

by the American Society of Radiologic Technologists and will prepare graduates for required credentialing as a Registered Radiologic Technologist through the American Registry of Radiologic Technologists. This credential is required for licensure and employment in Illinois by the Illinois Emergency Management Agency. 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 of Applied Science in Surgical Technology

Oakton College is seeking approval for a 71-credit Hour Associate of Applied Science in Surgical Technology. The program will prepare individuals for entry-level employment as surgical technologists in a variety of healthcare settings. The curriculum requires 24 credit hours of required general education coursework, 34 credit hours of career and technical education coursework, and 13 credit hours in surgical technology clinical practice. This includes pre-admission general education coursework in biology and microbiology. The curriculum was developed according to standards developed by the Commission on Accreditation of Allied Health Education Programs Accreditation Review Council on Education in Surgical Technology and Surgical Assisting. The curriculum will prepare individuals for industry credentialing as a Certified Surgical Technologist, administered through the National Board of Surgical Technology and Surgical Assisting. 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.

<u>Southwestern Illinois College</u>

- Associate of Applied Science in Histotechnology

Southwestern Illinois College is seeking approval for a 60-credit Hour Associate of Applied Science in Histotechnology. The program is designed to prepare students to learn the skills for processing surgical tissues, biopsies, and autopsy specimens for microscopic review by a pathologist in various healthcare, medical lab, and criminal justice settings and will prepare graduates for entry-level employment as histotechnicians. The curriculum includes 24 credit hours of required general education, 21 credit hours of required career and technical education coursework, and 15 credit hours of work-based learning coursework. Graduates of the program will have the ability to take the American Society of Clinical Pathology examination and become nationally certified to work in laboratories across the United States. 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.

The staff recommends adoption of the following resolutions:

The Illinois Board of Higher Education hereby grants authority to Lincoln Land Community College to offer the Associate of Applied Science in Cardiovascular Sonography and the Associate of Applied Science in Medical Laboratory 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 Automation, Robotics, and Mechatronics and the Associate of Applied Science in Precision Machining, 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 Oakton College to offer the Associate of Applied Science in Cardiac Sonography, the Associate of Applied Science in Radiography, and the Associate of Applied Science in Surgical Technology, subject to the institution's implementation and maintenance of the conditions that were presented in its application and that form the basis upon which this authorization is granted.

The Illinois Board of Higher Education hereby grants authority to Southwestern Illinois College to offer the Associate of Applied Science in Histotechnology, 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.

Lincoln Land Community College
5250 Shepherd Road
Springfield, IL 62703
President: Dr. Charolett Warren

Proposed Program Title: Associate of Applied Science in Cardiovascular Sonography

Program Purpose

The program will prepare individuals for employment as cardiovascular sonographers, also known as echocardiographers and cardiac sonographers, and technicians who perform tests and read results relating to cardiovascular health in a variety of healthcare settings.

Catalog Description

The Associate of Applied Science in Cardiovascular Sonography program prepares students for an occupation in the professional fields of cardiac and vascular sonography. Students are involved in approximately 1,200 contact hours of clinical experience during the two-year program. National certification as a registered diagnostic cardiac sonographer or vascular technologist requires graduates to pass specialty board examinations administered by the American Registry for Diagnostic Medical Sonography or Cardiovascular Credentialing International.

Curricular Information

The curriculum includes 17 credit hours of required general education coursework, 36 credit hours of career and technical education coursework, and 15 credit hours in echocardiography clinical practice. This includes pre-admission general education coursework in anatomy and physiology, mathematical foundations, physical science, and a medical terminology course. Career and technical coursework includes instruction in introductory echocardiography, fundamentals of sonography, normal cardiovascular sonography, comprehensive echocardiography, electrocardiography (ECG) for cardiac sonography, introductory vascular sonography, vascular ultrasound, introductory and advanced levels of cardiovascular scanning lab, introductory and advanced levels of ultrasound physics and instrumentation, cardiovascular seminar, and three levels of cardiovascular clinical practice. The curriculum was developed according to standards outlined by the Commission on Accreditation of Allied Health Education Programs (CAAHEP)-Joint Review Committee on education in Diagnostic Medical Sonography (JRC-DMS) to prepare graduates for national certification through the American Registry of Diagnostic Medical Sonography (ARDMS) or Cardiovascular Credentialing International (CCI). This program focuses on the DMS adult cardiac specialty. Assessment of student learning will be achieved through evaluation of the student's performance during their clinical learning experience by program faculty and worksite supervisor.

Justification for Credit Hours Required for the Degree

Credit hours required to complete the program mirror the course content and contact hours in clinical practicum required for accreditation by the CAAHEP JRC-DMS and for students to earn credentialing through the ARDMS and/or CCI.

Accrediting Information

Lincoln Land Community College (LLCC or the College) is accredited by the Higher Learning Commission. The program must be accredited by CAAHEP JRC-DMS. The College will apply for accreditation once one full class of students has completed. Students are eligible to sit for the Registered Radiologic Technician credentialing exam through the American Registry of Radiologic Technologists)upon completion of the program. Once accredited, students may also sit for the Registered Diagnostic Medical Sonography exam through the American Registry of Diagnostic Medical Sonographers.

Diversity, Equity, and Inclusion Efforts

Lincoln Land Community 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 (CTE) programs. In particular, LLCC utilizes health career program-focused Student Success Coaches who monitor student's progress and proactively assist with support needs. LLCC provides a multitude of services for assisting students with program completion through various student support services available on campus and virtually. This includes but is not limited to academic support and tutoring, success coaching, career coaching, accessibility services, veteran-focused services, TRIO, Open Door (support for low-income workforce students), and the Pipeline for The Advancement of Healthcare Workers (PATH) program, specifically designed to provide financial support for healthcare students. The College continues its efforts to hire and retain a diverse faculty, staff, and administration through diversity, equity, and inclusion (DEI) training for search committees, advertising to diverse audiences, reviewing existing policies and practices, and providing access to DEI support activities throughout the year. The LLCC DMS Coordinator for the proposed program earned a Diversity and Equity Fellowship Initiative grant with the aim to increase recruitment of diverse faculty at the institution. The College will intentionally seek to expose program students to a diverse set of faculty within the classroom, employers through internships, and opportunities to hear from diverse individuals with diverse backgrounds from the various industries and employers of echocardiographers and related healthcare professionals.

Supporting Labor Market Data (including employer partners)

Labor market information provided by the College supports the interest in a degree program in this field of study. According to the Illinois Department of Employment Security (IDES), overall growth in employment of "cardiovascular technicians and echocardiographers" is expected to increase by four percent statewide through 2030.

Table 1: Employer Partners

Employers	Location
Carle Health	Peoria and Champaign locations
HSHS Medical Group	Springfield and Litchfield locations
Hillsboro Area Hospital	Hillsboro, IL
Memorial Health System	Springfield, Decatur, Jacksonville, Lincoln and Taylorville locations
OSF Healthcare System	Bloomington, Mendota and Ottawa locations
Springfield Clinic	Springfield and Lincoln locations

Table 2: Projected Enrollments

Cardiovascular Sonography A.A.S.	First Year	Second Year	Third Year
Full-Time Enrollments:	10	10	10
Part-Time Enrollments:	0	0	0
Completions:	0	8	8

Financial/Budgetary Information

One existing full-time faculty and one new part-time faculty will be necessary to implement the program. Qualified faculty will hold at least an associate's degree in a related healthcare field, preferably Diagnostic Medical Sonography, from an accredited program; program director must have at least a bachelor's degree in Diagnostic Medical Sonography, both positions must hold a current RDMS credential, at least two years of work experience as a cardiovascular sonographer, and one year teaching experience preferred. All facilities are adequately in place to support the proposed program. New costs are associated with faculty, administration, equipment, and accreditation of the program. The program will otherwise be fiscally supported through student tuition and fees.

Table 3: Financial Information

	First Year	Second Year	Third Year
Faculty Costs	$19,000	$84,739	$89,343
Administrator Costs	$28,978	$29,800	$30,808
Other Personnel Costs	0	0	0
Equipment Costs	$170,000	$160,000	$10,000
Library/LRC Costs	$4,500	$4,500	$4,500
Facility Costs*	0	0	0
Other (accreditation fees)	$2,500	$2,500	$2,500
TOTAL NEW COSTS	**$224,978**	**$281,539**	**$137,151**

Table 4: Faculty Requirements

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

Proposed Program Title: Associate of Applied Science in Medical Laboratory

Program Purpose

The program will prepare individuals for employment as medical lab technicians in a variety of healthcare and clinical settings.

Catalog Description

The Associate of Applied Science in Medical Laboratory Technology program prepares students for an occupation in the professional field of medical laboratory technology. Students are involved in approximately 1,000 contact hours of clinical experience during the 21-month program. National certification as a medical laboratory technician requires graduates to pass specialty board examinations administered by the Borad of Certification-American Society for Clinical Pathology.

Curricular Information

The curriculum includes 22 credit hours of required general education coursework, 30 credit hours of career and technical education coursework, and 13 credit hours of clinical practice in medical laboratory technology. This excludes pre-admission general education coursework in general chemistry. Career and technical coursework includes instruction in introductory clinical laboratory science, microbiology, microbiology for the MLT, microscopy, preanalytical operations, immunohematology, introductory and advanced levels of hematology, introductory and advanced levels of lab chemistry, and three levels of medical lab clinical practice. The curriculum was developed according to standards outlined by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) and the American Society for Clinical Laboratory Sciences (ACLS) and will prepare graduates for the required national certification through the American Society for Clinical Pathology's (ASCP) Board of Certification (BOC) exam. Assessment of student learning will be achieved through evaluation of the student's performance during their clinical learning experience by program faculty and worksite supervisor.

Justification for Credit Hours Required for the Degree

Credit hours required to complete the program mirror the course content and contact hours in clinical practicum required for accreditation by the NAACLS and for students to earn credentialing through the ASCP-BOC.

Accrediting Information

Lincoln Land Community College (LLCC or the College) is accredited by the Higher Learning Commission. The College plans to seek program accreditation through the NAACLS after all appropriate State Board approvals have been granted, the first cohort of students has completed, and the College conducts a self-study for submission to the NAACLS Quality Assurance team for review.

Diversity, Equity, and Inclusion Efforts

Lincoln Land Community 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 (CTE) programs. In particular, LLCC utilizes health career program-focused Student Success Coaches who monitor student's progress and proactively assist with support needs. LLCC provides a multitude of services for assisting students with program completion through various student support services available on campus and virtually. This includes but is not limited to academic support and tutoring, success coaching, career coaching, accessibility services, veteran-focused services, TRIO, Open Door (support for low-income workforce students), and the PATH program, specifically designed to provide financial support for healthcare students. The College continues its efforts to hire and retain a diverse faculty, staff, and administration through diversity, equity, and inclusion (DEI) training for search committees, advertising to diverse audiences, review of existing policies and practices, and providing access to DEI support activities throughout the year. The LLCC DMS Coordinator for the proposed program earned a Diversity and Equity Fellowship Initiative grant with the aim to increase recruitment of diverse faculty at the institution. The College will intentionally seek to expose program students to a diverse set of faculty within the classroom, employers through internships, and opportunities to hear from diverse individuals with diverse backgrounds from the various industries and employers of medical laboratory and related healthcare professionals.

Supporting Labor Market Data (including employer partners)

Labor market information provided by the College supports the interest in a degree program in this field of study. According to the Illinois Department of Employment Security (IDES), overall growth in employment of "clinical laboratory technicians" is expected to increase by 7 percent statewide through 2030.

Table 1: Employer Partners

Employers	Location
HSHS Medical Group	Springfield and various Central IL locations
Hillsboro Area Hospital	Hillsboro, IL
Memorial Health System	Springfield, Decatur, Jacksonville, Lincoln and Taylorville locations
Springfield Clinic	Springfield and Lincoln locations
Sarah Bush Lincoln Hospital	Mattoon, IL

Table 2: Projected Enrollments

Medical Lab Technology A.A.S.	First Year	Second Year	Third Year
Full-Time Enrollments:	10	10	10
Part-Time Enrollments:	0	0	0
Completions:	0	8	8

Financial/Budgetary Information

One new full-time faculty and one new part-time faculty will be necessary to implement the program. Qualified faculty will hold at least an associate's degree in a related healthcare field, preferably medical/clinical lab technology, from an accredited program; Program Director must have at least a master's degree in Medical Lab Science, both positions must hold a current ASCP credential, at least two years of work experience as a medical/clinical lab technician, and three years teaching experience preferred. All facilities are adequately in place to support the proposed program. New costs are associated with faculty, administration, equipment, and accreditation of the program. The program will otherwise be fiscally supported through student tuition and fees.

Table 3: Financial Information

	First Year	Second Year	Third Year
Faculty Costs	$78,938	$87,139	$92,613
Administrator Costs	$86,935	$89,400	$92,247
Other Personnel Costs	0	0	0
Equipment Costs	$24,888	0	0
Library/LRC Costs	$11,784	$4,500	$4,500
Facility Costs (Maintenance)	$6,069	$6,069	$6,069
Other (accreditation fees)	$2,500	$2,500	$2,500
TOTAL NEW COSTS	**$211,114**	**$189,608**	**$197,929**

Table 4: Faculty Requirements

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

Staff Conclusion

Lincoln Land Community College and its proposed programs meet the criteria to implement the Board of Higher Education Act (110 ILCS 205) as set forth in 23. Ill. Admin. Code 1050.30 and the Illinois Board of Higher Education policies pertaining to assessment and accreditation for licensure.

McHenry County College
8900 US Highway 14
Crystal Lake, IL 60012
President: Dr. Clinton Gabbard

Proposed Program Title: Associate of Applied Science in Automation, Robotics, and Mechatronics

Program Purpose

This program will prepare individuals for entry-level employment and advancement opportunities working with advanced industrial robotic equipment and related automated systems.

Catalog Description

Students who earn the Associate of Applied Science in Automation, Robotics and Mechatronics degree will be prepared to work with advanced technology used not only in modern manufacturing but other areas where automation and robotics are becoming more prevalent. Graduates gain the skills needed to work safely so they can build, test, install, troubleshoot, and maintain robotic equipment and related automated systems. These skills are suited for a variety of careers in manufacturing such as Robotics Technicians, Automation Technicians, and Electromechanical Technicians, among others.

Curricular Information

The curriculum includes 15 credit hours of required general education coursework, 39 credit hours of career and technical education coursework, and six credit hours of related technical electives. Career and technical coursework includes instruction in blueprint reading for manufacturing, manual machining, hydraulics and pneumatics, introductory and advanced electrical systems, computer integrated manufacturing, computer-aided design graphics, parametric modeling SolidWorks, mechanical assembly maintenance, introductory and advanced automation and robotics, motor control and troubleshooting, an automation, robotics and mechatronics capstone, and a required work-based learning experience. Assessment of student learning will be achieved through evaluation during the student's work-based learning experience by program faculty and worksite supervisor. The proposed degree provides an educational ladder opportunity for students and graduates of the College's four existing automation, manufacturing, industrial technology, and production-related Certificate programs.

Accrediting Information

McHenry County College (MCC or the College) is accredited by the Higher Learning Commission. No further program 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 (CTE) programs. MCC 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 a diverse faculty, staff, and administration through diversity, equity, and inclusion (DEI) training for search committees, advertising to diverse audiences, 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 seek to expose program students to a diverse set of faculty within the classroom, employers through internships, and opportunities to hear from diverse individuals with diverse backgrounds from the various industries and employers of precision manufacturing professionals.

Supporting Labor Market Data (including employer partners)

Labor market information provided by the College supports the interest in a degree program in this field of study. According to the Illinois Department of Employment Security (IDES), overall growth in employment of related occupations is expected to increase between 2.4 to 27.2 percent statewide through 2030.

Table 1: Employer Partners

Employers	Location
Fabrik Molded Plastics	McHenry, IL
Scot Forge	Spring Grove, IL
Stryker Sage	Cary, IL
TC Industries	Crystal Lake, IL
Fox Tool Manufacturing	Woodstock, IL

Table 2: Projected Enrollments

ARM A.A.S. degree	First Year	Second Year	Third Year
Full-Time Enrollments:	10	20	30
Part-Time Enrollments:	20	30	40
Completions:	0	20	35

Financial/Budgetary Information

One existing and one new full-time faculty and four new part-time faculty will be necessary to implement the program. Qualified faculty will hold at least a bachelor's degree in industrial technology, engineering technology, manufacturing technology or a closely related field, at least five years of work experience in automated manufacturing, and at least one year teaching experience preferred. All facilities are adequately in place. New costs are associated with hiring faculty, equipment purchases, and consumable supplies for the program. The program will otherwise be fiscally supported through student tuition and fees.

Table 3: Financial Information

	First Year	Second Year	Third Year
Faculty Costs	$230,000	$240,000	$245,000
Administrator Costs	0	0	0
Other Personnel Costs	0	0	0
Equipment Costs	$600,000	$25,000	$25,000

Library/LRC Costs	0	0	0
Facility Costs*	0	0	0
Other (consumable supplies)	$22,000	$28,000	$34,000
TOTAL NEW COSTS	$852,000	$293,000	$304,000

Table 4: Faculty Requirements

	First Year		Second Year		Third Year	
	Full-Time	Part-time	Full-Time	Part-time	Full-Time	Part-time
New Faculty	1	4	0	1	0	0
Existing Faculty	1	0	2	4	2	5

Proposed Program Title: Associate of Applied Science in Precision Machining

Program Purpose

The program will prepare individuals for entry-level employment and advancement opportunities in manufacturing settings using multiple types of precision machining, manual, and programming processes.

Catalog Description

The Associate of Applied Science in Precision Machining program will provide students with the knowledge and machining experience needed to be successful as a Computerized Numerical Control (CNC) Machinist. This program will give students an in-depth understanding of the advanced CAD/CAM skills needed for programming tool location, motion, and feed rates. Students will also gain hands-on experience using manual and CNC lathes and mills and precision measuring equipment to design and produce a variety of parts and assemblies used in today's ever-changing world of manufacturing.

Curricular Information

The curriculum includes 15 credit hours of required general education coursework, 42 credit hours of career and technical education coursework including three credit hours of related technical electives. Career and technical coursework includes instruction in blueprint reading for manufacturing, geometric tolerancing, metrology for quality, introductory and advanced levels of manual machining, introductory, intermediate and advanced levels of precision machining, introductory and advanced levels of computer integrated machining, gas metal arc welding (GMAW) flat and horizontal, and a precision machining capstone project. The curriculum will prepare individuals for National Institute of Metalworking Skills (NIMS) credentials Levels one and two. Assessment of student learning will be achieved through evaluation of a comprehensive final project by program faculty. The proposed degree provides an educational ladder opportunity for students and graduates of the College's existing four precision machining-related Certificate programs.

Accrediting Information

McHenry County College (MCC or the College) is accredited by the Higher Learning Commission. No further program 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 (CTE) programs. MCC 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 a diverse faculty, staff, and administration through diversity, equity, and inclusion (DEI) training for search committees, advertising to diverse audiences, 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 seek to expose program students to a diverse set of faculty within the classroom, employers through internships, and opportunities to hear from diverse individuals with diverse backgrounds from the various industries and employers of precision manufacturing professionals.

Supporting Labor Market Data (including employer partners)

Labor market information provided by the College supports the interest in a degree program in this field of study. According to the Illinois Department of Employment Security (IDES), overall growth in employment of related occupations is expected to increase between 9.1 to 29.1 percent statewide through 2030.

Table 1: Employer Partners

Employers	Location
Fabrik Molded Plastics	McHenry, IL
Scot Forge	Spring Grove, IL
Stryker Sage	Cary, IL
Swiss Automation	Barrington, IL
TC Industries	Crystal Lake, IL
Fox Tool Manufacturing	Woodstock, IL
Imago Manufacturing	Woodstock, IL

Table 2: Projected Enrollments

Precision Machining A.A.S.	First Year	Second Year	Third Year
Full-Time Enrollments:	10	20	30
Part-Time Enrollments:	20	30	40
Completions:	0	20	35

Financial/Budgetary Information

One new full-time faculty and two new part-time faculty will be necessary to implement the program. Qualified faculty will hold at least a bachelor's degree in industrial technology, engineering technology, manufacturing technology or a closely related field, at least one year of work experience in precision manufacturing, and at least one year of teaching experience

preferred. All facilities are adequately in place. New costs are associated with hiring faculty, equipment purchases, and consumable supplies for the program. The program will otherwise be fiscally supported through student tuition and fees.

Table 3: Financial Information

	First Year	Second Year	Third Year
Faculty Costs	$150,000	$275,000	$300,000
Administrator Costs	0	0	0
Other Personnel Costs	0	0	0
Equipment Costs	$922,342	$25,000	$25,000
Library/LRC Costs	0	0	0
Facility Costs*	0	0	0
Other (consumable supplies)	$22,000	$28,000	$34,000
TOTAL NEW COSTS	$1,094,342	$328,000	$359,000

Table 4: Faculty Requirements

	First Year		Second Year		Third Year	
	Full-Time	Part-time	Full-Time	Part-time	Full-Time	Part-time
New Faculty	1	2	1	1	0	1
Existing Faculty	0	0	1	2	2	3

Staff Conclusion

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

Oakton College
1600 East Golf Road
Des Plaines, IL 60016
President: Dr. Joianne Smith

Proposed Program Title: Associate of Applied Science in Cardiac Sonography

Program Purpose

The program will prepare individuals for employment as cardiac sonographers, also known as echocardiographers and cardiovascular sonographers, and technicians who perform tests and read results relating to cardiovascular health in a variety of healthcare settings.

Catalog Description

The Associate of Applied Science in Cardiac Sonography degree program is designed to prepare students for an entry-level position as a cardiac sonographer in a hospital setting, doctor's office, or a diagnostic imaging facility. Through their course of study, students will become competent in cognitive (knowledge), psychomotor (skills) and effective (behavior) learning domains along with being able to apply their critical thinking, problem-solving, and communication skills in the work environment. The program is designed to be completed in two years, including summer semesters. Instructions include on-campus and online lectures, on-campus laboratory practicum, and a two-semester clinical externship. Students are required to complete 896 hours of externship in an assigned clinical facility.

Curricular Information

The curriculum includes 17 credit hours of required general education coursework, 29 credit hours of career and technical education coursework, and 26 credit hours in cardiac sonography lab and clinical practice. This includes pre-admission general education coursework in anatomy and physiology, mathematical foundations, physical science, and a medical terminology course. Career and technical coursework includes medical terminology for the cardiac sonographer, introductory sonography and patient care, basic electrocardiography (EKG) for the cardiac sonographer, pharmacology for the cardiac sonographer, cardiac sonography anatomy and physiology, doppler physics and hemodynamics for the cardiac sonography, introductory and advanced levels of ultrasound physics and instrumentation, introductory and advanced levels of cardiac sonography, registry review and advancing trends in cardiac sonography, ultrasound and physics instrumentation review, and three levels of cardiac sonography practical lab and clinical work-based learning practice. The curriculum was developed according to standards developed by the Commission on Accreditation of Allied Health Education Programs (CAAHEP)-Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS) to prepare graduates for national certification through the American Registry of Diagnostic Medical Sonography (ARDMS) or Cardiovascular Credentialing International (CCI). This program focuses on the DMS adult cardiac specialty. Assessment of student learning will be achieved through evaluation of the student's performance during their clinical learning experience by program faculty and worksite supervisor.

Justification for Credit Hours Required for the Degree

Credit hours required to complete the program mirror the course content and contact hours in clinical practicum required for accreditation by the CAAHEP JRC-DMS and for students to earn credentialing through the ARDMS and/or CCI.

Accrediting Information

Oakton College (The College) is accredited by the Higher Learning Commission. The program must be accredited by the Commission on Accreditation of Allied Health Education Programs Joint Review Committee on education in Diagnostic Medical Sonography. The College will apply for accreditation once one full class of students has completed. Students are eligible to sit for the Registered Radiologic Technician credentialing exam through the American Registry of Radiologic Technologists upon completion of the program. Once accredited, students may also sit for the Registered Diagnostic Medical Sonography exam through the American Registry of Diagnostic Medical Sonographers.

Diversity, Equity, and Inclusion Efforts

Oakton 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 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 (CTE) programs. Oakton College utilizes Health Career Advisors and Student Experience Navigators who monitor student's progress and proactively assist with support needs. Oakton College provides a multitude of services for assisting students with program completion through various student support services available on campus and virtually. This includes but is not limited to academic support and tutoring, success coaching, career coaching, accessibility services, veteran-focused services, TRIO, and the PATH (Pipeline for The Advancement of Healthcare Workers) program, specifically designed to provide financial support for healthcare students. The College continues its efforts to hire and retain a diverse faculty, staff, and administration through diversity, equity, and inclusion (DEI) training for search committees, advertising to diverse audiences, review of existing policies and practices, and providing access to DEI support activities throughout the year. The College will intentionally seek to expose program students to a diverse set of faculty within the classroom, employers through internships, and opportunities to hear from diverse individuals with diverse backgrounds from the various industries and employers of cardiac sonographers and related healthcare professionals.

Supporting Labor Market Data (including employer partners)

Labor market information provided by the College supports the interest in a degree program in this field of study. According to the Illinois Department of Employment Security (IDES), overall growth in employment of "cardiovascular technicians and echocardiographers" is expected to increase by four percent statewide through 2030.

Table 1: Employer Partners

Employers	Location
NorthShore University Health System	Skokie, Evanston, and Glenview, IL locations
Swedish Hospital	Chicago, IL
Northwest Community Healthcare	Arlington Heights, IL

Table 2: Projected Enrollments

Cardiac Sonography A.A.S.	First Year	Second Year	Third Year
Full-Time Enrollments:	18	36	42
Part-Time Enrollments:	0	0	0
Completions:	0	18	18

Financial/Budgetary Information

One new full-time faculty and three new part-time faculty will be necessary to implement the program. Qualified faculty will hold at least an associate's degree in a related healthcare field, preferably Diagnostic Medical Sonography, from an accredited program; Program Director must have at least a bachelor's degree in Diagnostic Medical Sonography, both positions must hold a current RDMS credential, at least two years of work experience as a cardiovascular sonographer, and one year teaching experience preferred. The proposed program, as well as two additional allied health care programs, will be housed in the College's new Health Careers Education Center. New costs are associated with facilities leasing faculty, administration, equipment, and accreditation of the program. The majority of these new resources will be shared with two additional allied health care programs. This program will otherwise be fiscally supported through the PATH grant, student tuition, and fees.

Table 3: Financial Information

	First Year	Second Year	Third Year
Faculty Costs	$202,409	$78,606	$84,500
Administrator Costs	0	0	0
Other Personnel Costs (lab assts.)	$158,303	0	0
Equipment Costs	$130,750	0	0
Library/LRC Costs	0	0	0
Facility Costs (lease)	$150,000	$150,000	$150,000
Other (office infrastructure)	$190,100	0	0
TOTAL NEW COSTS	**$831,562**	**$228,606**	**$234,500**

Table 4: Faculty Requirements

	First Year		Second Year		Third Year	
	Full-Time	Part-time	Full-Time	Part-time	Full-Time	Part-time
New Faculty	1	3	0	2	1	0
Existing Faculty	0	0	1	3	1	5

Proposed Program Title: Associate of Applied Science in Radiography

Program Purpose

This program will prepare individuals 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 Radiography program is designed to prepare students for entry-level positions as diagnostic Radiologic Technologists in a hospital setting, healthcare clinic, or diagnostic imaging facility. Through their course of study, students will become competent in performing radiologic procedures, appropriately communicate with individuals of all backgrounds, apply problem-solving and critical thinking skills and model professional and ethical behavior. The program is designed to be completed in two years, including summer semesters, and provides students with the opportunity to develop and maintain competency in a wide variety of radiologic procedures. Students are required to achieve a minimum of fifty-one procedural competencies to be eligible for the national certification exam. Instruction includes on-campus and online lectures, on-campus laboratory practicum, and 1,200 hours of clinical practicum in an assigned clinical facility.

Curricular Information

The curriculum includes 19 credit hours of required general education coursework, 35 credit hours of career and technical education coursework, and 16 credit hours in radiography clinical practice. This includes pre-admission general education coursework in anatomy and physiology, mathematics, and medical terminology. Career and technical coursework includes 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 six levels of radiography clinical work-based learning practice. The curriculum was developed according to standards outlined by the Joint Review Committee on Education in Radiologic Technology (JRCERT), are aligned with the competencies established by the American Society of Radiologic Technologists (ASRT) and will prepare graduates for required credentialing as a Registered Radiologic Technologist (RRT) through the American Registry of Radiologic Technologists (ARRT). This credential is required for licensure and employment in Illinois by the Illinois Emergency Management Agency (IEMA). Assessment of student learning will be achieved through evaluation of the student's performance during their clinical learning experience by program faculty and worksite supervisor.

Justification for Credit Hours Required for the Degree

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

Accrediting Information

Oakton College (The 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 will apply for JRCERT accreditation once all appropriate state board approvals have been granted and a program director has been hired.

Diversity, Equity, and Inclusion Efforts

Oakton 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 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 (CTE) programs. Oakton College utilizes Health Career Advisors and Student Experience Navigators who monitor student's progress and proactively assist with support needs. Oakton College provides a multitude of services for assisting students with program completion through various student support services available on campus and virtually. This includes but is not limited to academic support and tutoring, success coaching, career coaching, accessibility services, veteran-focused services, TRIO, and the PATH (Pipeline for The Advancement of Healthcare Workers) program, specifically designed to provide financial support for healthcare students. The College continues its efforts to hire and retain a diverse faculty, staff, and administration through diversity, equity, and inclusion (DEI) training for search committees, advertising to diverse audiences, reviewing existing policies and practices and providing access to DEI support activities throughout the year. The College will intentionally seek to expose program students to a diverse set of faculty within the classroom, employers through internships, and opportunities to hear from diverse individuals with diverse backgrounds from the various industries and employers of radiographers and related healthcare professionals.

Supporting Labor Market Data (including employer partners)

Labor market information provided by the College supports the interest in a degree program in this field of study. According to the Illinois Department of Employment Security (IDES), overall growth in employment of "radiologic technologists" is expected to increase by 4.5 percent statewide through 2030.

Table 1: Employer Partners

Employers	Location
NorthShore University Health System	Skokie, Evanston, and Glenview, IL locations
Swedish Hospital	Chicago, IL
Northwest Community Healthcare	Arlington Heights, IL

Table 2: Projected Enrollments

Surgical Technology A.A.S.	First Year	Second Year	Third Year
Full-Time Enrollments:	18	36	42
Part-Time Enrollments:	0	0	0
Completions:	0	18	18

Financial/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, hold a current RRT credential, have at least three years work experience, and two years teaching experience. The Clinical Coordinator and program faculty will hold at least a bachelor's degree in radiologic technology, hold a current RRT credential, have at least two years work experience, and one year teaching experience. The proposed program and two additional allied health care programs will be housed in the College's new Health Careers Education Center. New costs are associated with facilities leasing faculty, administration, equipment, and accreditation of the program. The majority of these new resources will be shared with two additional allied health care programs. This program will otherwise be fiscally supported through the PATH grant, student tuition and fees.

Table 3: Financial Information

	First Year	Second Year	Third Year
Faculty Costs	$202,409	$84,500	$84,500
Administrator Costs	0	0	0
Other Personnel Costs (lab assts.)	$158,303	0	0
Equipment Costs	$188,384	0	0
Library/LRC Costs	0	0	0
Facility Costs (lease)	$150,000	$150,000	$150,000
Other (office infrastructure)	$190,100	0	0
TOTAL NEW COSTS	**$889,196**	**$234,500**	**$234,500**

Table 4: Faculty Requirements

	First Year		Second Year		Third Year	
	Full-Time	Part-time	Full-Time	Part-time	Full-Time	Part-time
New Faculty	1	3	0	2	1	0
Existing Faculty	0	0	1	3	1	5

Proposed Program Title: Associate of Applied Science in Surgical Technology

Program Purpose

This program will prepare individuals for entry-level employment as surgical technologists in a variety of healthcare settings.

Catalog Description

The Associate of Applied Science in Surgical Technology program presents students with the knowledge and skills necessary to work in a surgical environment and function as a participant of the operating room team. Students will learn surgical aseptic technique, surgical procedural steps, anatomy, physiology, and pathology. Graduates of the program will be able to perform the role of an entry-level Surgical Technologist in the operating room setting. The program is designed to be completed in two years, including summer semesters. Instructions include on-campus and online lectures, on-campus laboratory practicum, and a two-semester clinical externship. During the course

of the program, students will be required to complete a minimum of 120 surgical cases in assigned clinical facilities.

Curricular Information

The curriculum includes 24 credit hours of required general education coursework, 34 credit hours of career and technical education coursework, and 13 credit hours in surgical technology clinical practice. This includes pre-admission general education coursework in biology and microbiology. Career and technical coursework includes medical terminology, introductory surgical technology, sterile processing fundamentals, pre-operative case management, perioperative case management, intra-operative case management, post-operative case management, healthcare facility management, specialty surgical procedures and two levels of surgical technology clinical work-based learning practice. The curriculum was developed according to standards outlined by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) – Accreditation Review Council on Education in Surgical Technology and Surgical Assisting. The curriculum will prepare individuals for industry credentialing as a Certified Surgical Technologist (CST), administered through the National Board of Surgical Technology and Surgical Assisting (NBSTSA). Assessment of student learning will be achieved through evaluation of the student's performance during their clinical learning experience by program faculty and worksite supervisor.

Justification for Credit Hours Required for the Degree

Credit hours required to complete the program mirror the course content and contact hours in clinical practicum required for accreditation by the CAAHEP-Accreditation Review Council on Education for Surgical Technology and Surgical Assisting, and for students to earn credentialing through the NBSTSA.

Accrediting Information

Oakton College (The College) is accredited by the Higher Learning Commission. The program must be accredited by the Commission on Accreditation of Allied Health Education Programs – Accreditation Review Council on Education for Surgical Technology & Surgical Assisting. The College must apply for CAAHEP accreditation within one year of program implementation.

Diversity, Equity, and Inclusion Efforts

Oakton 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 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 (CTE) programs. Oakton College utilizes Health Career Advisors and Student Experience Navigators who monitor student's progress and proactively assist with support needs. Oakton College provides a multitude of services for assisting students with program completion through various student support services available on campus and virtually. This includes but is not limited to academic support and tutoring, success coaching, career coaching, accessibility services, veteran-focused services, TRIO, and the PATH (Pipeline for The Advancement of Healthcare Workers) program, specifically designed to provide financial support for healthcare students. The College continues its efforts to hire and retain a diverse faculty, staff, and administration through diversity, equity, and inclusion (DEI) training for search committees,

advertising to diverse audiences, reviewing existing policies and practices, and providing access to DEI support activities throughout the year. The College will intentionally seek to expose program students to a diverse set of faculty within the classroom, employers through internships, and opportunities to hear from diverse individuals with diverse backgrounds from the various industries and employers of surgical technologists and related healthcare professionals.

Supporting Labor Market Data (including employer partners)

Labor market information provided by the College supports the interest in a degree program in this field of study. According to the Illinois Department of Employment Security (IDES), overall growth in employment of "surgical technologists" is expected to increase by 7.4 percent statewide through 2030.

Table 1: Employer Partners

Employers	Location
NorthShore University Health System	Skokie, Evanston, and Glenview, IL locations
Swedish Hospital	Chicago, IL
Northwest Community Healthcare	Arlington Heights, IL

Table 2: Projected Enrollments

Surgical Technology A.A.S.	First Year	Second Year	Third Year
Full-Time Enrollments:	18	36	42
Part-Time Enrollments:	0	0	0
Completions:	0	18	18

Financial/Budgetary Information

One new full-time faculty and three new part-time faculty will be necessary to implement the program. Qualified faculty will hold at least an associate's degree in Surgical Technology, hold a current Certified Surgical Technology (CST) credential, have at least two years work experience, and one year teaching experience is preferred. The proposed program, as well as two additional allied health care programs, will be housed in the College's new Health Careers Education Center. New costs are associated with facilities leasing faculty, administration, equipment, and accreditation of the program. The majority of these new resources will be shared with two additional allied health care programs. This program will otherwise be fiscally supported through the PATH grant, student tuition, and fees.

Table 3: Financial Information

	First Year	Second Year	Third Year
Faculty Costs	$202,409	$78,606	$84,500
Administrator Costs	0	0	0
Other Personnel Costs (lab assts.)	$158,303	$68,000	0
Equipment Costs	$267,034	0	0
Library/LRC Costs	0	0	0
Facility Costs (lease)	$150,000	$150,000	$150,000
Other (office infrastructure)	$190,100	0	0
TOTAL NEW COSTS	**$967,846**	**$296,606**	**$234,500**

Table 4: Faculty Requirements

	First Year		Second Year		Third Year	
	Full-Time	Part-time	Full-Time	Part-time	Full-Time	Part-time
New Faculty	1	3	0	2	1	0
Existing Faculty	0	0	1	3	1	5

Staff Conclusion

Oakton Community College and its proposed programs meet the criteria to implement the Board of Higher Education Act (110 ILCS 205) as set forth in 23. Ill. Admin. Code 1050.30 and the Illinois Board of Higher Education policies pertaining to assessment and accreditation for licensure.

Southwestern Illinois College
4950 Maryville Road
Granite City, IL 62040
President: Mr. Nick Mance

Proposed Program Title: Associate of Applied Science in Histotechnology

Program Purpose

The program will prepare students for entry-level employment as histotechnicians and will equip graduates with the skills for processing surgical tissues, biopsies, and autopsy specimens for microscopic review by a pathologist in various healthcare, medical lab, and criminal justice settings.

Catalog Description

The Associate of Applied Science in Histotechnology program provides the graduate with the ability to work as a histotechnician. Histotechnicians are responsible for processing surgical tissues, biopsies, and autopsy specimens for microscopic review by pathologists. Histotechnicians work in healthcare organizations and related settings to detect cancer or serious infections by observing the arrangement of cells in a tissue sample. Graduates of the program will have the ability to take the American Society of Clinical Pathology (ASCP) examination and become nationally certified to work in laboratories across the United States.

Curricular Information

The curriculum includes 24 credit hours of required general education, 21 credit hours of required career and technical education coursework, and 15 credit hours of work-based learning coursework. The career and technical component includes instruction in introductory histotechnology, histological staining, histochemistry, clinical microbiology, serology, histotechnology techniques and practices, medical terminology, histotechnology certification exam review, and five rotations in histotechnology clinical practice work-based learning. Assessment of student learning will be achieved through evaluation of the student's performance during the work-based learning component of the program. The program will prepare graduates for required national credentialing through the American Society of Clinical Pathology (ACSP).

Accrediting Information

Southwestern Illinois College (SWIC or the College) is accredited by the Higher Learning Commission. Specific program accreditation will be sought through the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) within two years of the College's first cohort of students and a program self-study has been completed.

Diversity, Equity, and Inclusion Efforts

SWIC 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 (CTE) programs. The College student services staff regularly provide information on access to support services including grants/scholarships for

underrepresented/underserved students and Veterans Services. SWIC utilizes wraparound, intrusive student services to aid in academic and non-academic student success. The College continues its efforts to hire and retain a diverse faculty, staff, and administration through DEI training for search committees, advertising to diverse audiences, review of existing policies and practices, and providing access to DEI support activities throughout the year. The College will intentionally seek to expose program students to a diverse set of faculty within the classroom, employers through internships, and opportunities to hear from diverse individuals with diverse backgrounds from the various industries and employers of histotechnology professionals.

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 degree program in this field of study. According to the Illinois Department of Employment Security (IDES), employment growth for clinical laboratory technicians is expected to increase statewide by 7.1 percent through the year 2030.

Table 1: Employer Partners

Employer	**Location**
Memorial Hospital	Shiloh, IL
Memorial Hospital	Belleville, IL
St. Elizabeth's Hospital	O'Fallon, IL
BJC HealthCare	St. Louis, MO
Quest Diagnostics Centers	Various locations in IL and St. Louis, MO

Table 2: Projected Enrollments

Histotechnology A.A.S. degree	**First Year**	**Second Year**	**Third Year**
Full-Time Enrollments:	10	15	20
Part-Time Enrollments:	-	-	-
Completions:	7	12	16

Financial/Budgetary Information

The program will require one existing full-time faculty and one new part-time faculty the first year. Qualified faculty will hold a bachelor's degree in Medical Laboratory Technology, hold ASCP certification, have at least one year work experience in histotechnology, and one year of teaching experience is preferred. All facilities are adequately in place to support the program. The program will otherwise be supported fiscally through student tuition and fees.

Table 3: Financial Information

	First Year	**Second Year**	**Third Year**
Faculty Costs	$6,000	$0	$0
Administrator Costs	-	-	-
Other Personnel costs	-	-	-
Equipment Costs	-	-	-
Library/LRC Costs	-	-	-
Facility Costs	-	-	-
Other (specify)	-	-	-
TOTAL NEW COSTS	**$6,000**	**$0**	**$0**

Table 4: Faculty Requirements

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

Staff Conclusion

Southwestern 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. Admin. Code 1050.30 and the Illinois Board of Higher Education policies pertaining to assessment and accreditation for licensure.