

**APPROVED  
JUNE 9, 2020**

Item #F-1  
June 9, 2020

## **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 six community colleges.

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

Frontier Community College

- Associate of Applied Science in Medical Laboratory Technician

Kennedy-King College

- Associate of Applied Science in Cybersecurity

Lake Land College

- Associate of Applied Science in Illinois Department of Corrections Automotive Mechanics

Olive-Harvey College

- Associate of Applied Science in Cybersecurity

Olney-Central College

- Associate of Applied Science in Unmanned Aerial Tech
- Associate of Applied Science in Welding and Fabrication

South Suburban College

- Associate of Applied Science in Barbering

STATE OF ILLINOIS  
BOARD OF HIGHER EDUCATION

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

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

**Executive Summary**

Frontier Community College

- Associate of Applied Science in Medical Laboratory Technician

Frontier Community College is seeking approval for a 69-credit hour Associate of Applied Science in Medical Laboratory Technician. The degree program requires 17 credit hours of general education, 46 credit hours of required career and technical education coursework, and six credit hours of required clinical practical experience. This degree was designed to provide students with knowledge and skills required to operate equipment in medical laboratories and perform a wide range of procedures. Graduates will be eligible to sit for the optional Medical Laboratory Technician certification through the American Society for Clinical Pathology or through the American Medical Technologists association and will be prepared for entry-level employment in various laboratory settings. 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.

Kennedy-King College

- Associate of Applied Science in Cybersecurity

Kennedy-King College is seeking approval for a 60-credit-hour Associate of Applied Science in Cybersecurity. The degree program requires 15 credit hours of general education coursework, 36 credit hours of required career and technical education coursework, and nine credit hours of related technical electives. This degree program was designed to provide the required knowledge and skill set for students pursuing entry-level cybersecurity jobs. Graduates will be prepared for industry credentialing and entry-level employment or advancement as cybersecurity specialists. 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.

### Lake Land College

- Associate of Applied Science in Illinois Department of Corrections Automotive Mechanics

Lake Land College is seeking approval for a 63.5-credit-hour Illinois Department of Corrections Associate of Applied Science in Automotive Mechanics. The degree program requires 16 credit hours of general education and 47.5 credit hours of required career and technical coursework. This degree was designed to prepare Illinois Department of Corrections participants who have completed the Automotive Service Technician Certificate, the Automotive Repair Technician Certificate, and the Automotive Mechanics Certificate and are interested in pursuing an associate's degree to prepare for work in the automotive service industry upon release. Graduates will be equipped to pursue entry- to mid-level employment in automotive mechanics. 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.

### Olive-Harvey College

- Associate of Applied Science in Cybersecurity

Olive-Harvey College is seeking approval for a 60-credit-hour Associate of Applied Science in Cybersecurity. The degree program requires 15 credit hours of general education coursework, 36 credit hours of required career and technical education coursework, and nine credit hours of related technical electives. This degree program was designed to provide the required knowledge and skill set for students pursuing entry-level career opportunities in cybersecurity. Graduates will be prepared for industry credentialing and entry-level employment or advancement as cybersecurity specialists. 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.

### Olney-Central College

- Associate of Applied Science in Unmanned Aerial Technology

Olney-Central College is seeking approval for a 60-credit-hour Associate of Applied Science in Unmanned Aerial Technology. The degree program requires 17 credit hours of general education coursework and 43 credit hours of required career and technical education coursework. This degree was designed to provide the knowledge and skills needed to obtain commercial pilot remote licensure for jobs that use unmanned aerial systems. Graduates will be prepared for entry-level employment in commercial drone vehicle operations, cross-training, or both as well as other employment opportunities in fields where unmanned aerial technology is utilized including

agriculture, public safety, surveying, inspection, and logistics. 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 Welding and Fabrication

Olney-Central College is seeking approval for a 60-credit-hour Associate of Applied Science in Welding and Fabrication. The degree program requires 17 credit hours of general education coursework and 43 credit hours of required career and technical education coursework. This degree was designed to provide foundational knowledge and practical skills needed to succeed as a welder. Graduates are eligible for industry certifications and will be prepared for entry-level employment or advancement opportunities as welders in a variety of settings. There are policies in place to ensure faculty members possess the training, credentials, and qualifications to provide instruction in the proposed program. The College has sufficient library, technology, staff, and financial resources in place to support the proposed program.

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

#### South Suburban College

- Associate of Applied Science in Barbering

South Suburban College is seeking approval for a 65-credit-hour Associate of Applied Science in Barbering. The degree program requires 15 credit hours of general education coursework and 50 credit hours of required career and technical education coursework. This degree program was designed to provide foundational knowledge and practical skills needed to succeed as a barber. Graduates will be prepared for required state licensure and entry-level employment or advancement opportunities as barbers. There are policies in place to ensure faculty members possess the training, credentials, and qualifications to provide instruction in the proposed program. The College has sufficient library, technology, staff, and financial resources in place to support the proposed program.

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

The staff recommends adoption of the following resolutions:

*The Illinois Board of Higher Education hereby grants authority to Frontier Community College to offer the Associate of Applied Science in Medical Laboratory Technician subject to the institution's implementation and maintenance of the conditions that were presented in its application and that form the basis upon which this authorization is granted.*

*The Illinois Board of Higher Education hereby grants authority to Kennedy-King College to offer the Associate of Applied Science in Cybersecurity 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 Lake Land College to offer the Associate of Applied Science in Illinois Department of Corrections Automotive Mechanics 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 Olive-Harvey College to offer the Associate of Applied Science in Cybersecurity 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 Olney-Central College to offer the Associate of Applied Science in Unmanned Aerial Technology and the Associate of Applied Science in Welding and Fabrication 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 South Suburban College to offer the Associate of Applied Science in Barbering 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.*

**Frontier Community College**  
**2 Frontier Drive**  
**Fairfield, IL 62837**  
**President: Mr. Rodney Raney**

**Proposed Program Title:** Associate of Applied Science in Medical Laboratory Technician (69 credit hours)

### **Program Purpose**

The program will prepare individuals for entry-level employment as medical laboratory technicians.

### **Catalog Description**

Associate of Applied Science (AAS) in Medical Laboratory Technician (MLT) program prepares the graduate to assume responsibility in various laboratory settings, medical or non-medical, clinical diagnostic or research, hospital or reference laboratories. Students learn to operate equipment in medical laboratories and perform a wide range of procedures. Didactic and clinical instruction emphasize proper specimen collection and handling, understanding testing procedures, safety, quality control, acquisition of technical skills, and troubleshooting techniques.

### **Curricular Information**

The AAS in Medical Laboratory Technician program requires 17 credit hours of general education coursework, 46 credit hours of required career and technical education coursework, and six hours of required clinical practical experience. The career and technical component includes coursework in human anatomy and physiology, chemistry and clinical chemistry, microbiology and clinical microbiology, introductory clinical laboratory, hematology and hemostasis, immunohematology, advanced clinical chemistry, advanced clinical microbiology, advanced hematology and hemostasis, serology/immunology, professional seminar, and a clinical practicum in medical lab technology. Assessment of student learning will be achieved through evaluation of the student's performance during the work-based learning experiences by program faculty and worksite supervisors. The program will prepare graduates for taking the optional Medical Laboratory Technician (MLT) certification through the American Society for Clinical Pathology (ASCP) or through the American Medical Technologists (AMT) association.

### **Accrediting Information**

Frontier Community College (College) is accredited by the Higher Learning Commission. The College has aligned the curriculum to the National Accrediting Agency for Clinical Laboratory Science (NAACLS) and will pursue program accreditation once the program has been approved by all necessary State Boards.

### **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, overall growth in employment for Clinical/Medical Laboratory Technicians is expected to increase by 5.9 percent statewide through 2026.

*Table 1: Employer Partners*

<b>Employer</b>	<b>Location</b>
Fairfield Memorial Hospital	Fairfield, IL
Hamilton Memorial Hospital	McLeansboro, IL
Crawford Memorial Hospital	Robinson, IL
Memorial Hospital & Health Care Center	Jasper, IN
Wabash General Hospital	Mt. Carmel, IL
Paris Community Hospital	Paris, IL
Gibson General Hospital	Princeton, IN
Clay County Hospital	Flora, IL
Good Samaritan Hospital	Vincennes, IN
St. Anthony's Hospital	Effingham, IL

*Table 2: Projected Enrollments*

<b>Medical Lab Tech AAS</b>	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Full-Time Enrollments:	15	15	15
Part-Time Enrollments:	0	0	0
Completions:	0	12	12

### **Financial/Budgetary Information**

One new full-time faculty will be necessary to implement the program with an additional part-time faculty added during year two. Faculty qualifications are dependent upon courses being taught. Qualified faculty must hold at least an associate's degree with current American Society for Clinical Pathology MLT certification and three years related work experience. The program coordinator must hold a master's degree in Medical Laboratory Technology with current ASCP-MLT/MT Board of Certification, two years related work experience and one year of teaching experience preferred. Some equipment purchases and facilities upgrades have been budgeted for during the first three years of operation. The programs were developed and will be supported with U.S. Department of Education Title III grant funds through the first three years of implementation. Grant funds cover the cost of faculty, personnel, equipment, and facilities upgrades. The program will also benefit from a generous equipment donation of a local employer. The program will be fiscally supported through student tuition and fees.

*Table 3: Financial Information*

	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
<b>Faculty Costs</b>	\$42,150	\$43,415	\$44,717
<b>Administrator Costs</b>	\$200	\$300	\$400
<b>Other Personnel Costs</b>	-	\$6,300	\$16,800
<b>Equipment Costs</b>	\$66,737	\$96,622	\$18,000
<b>Library/LRC Costs</b>	-	-	-
<b>Facility Costs*</b>	\$108,003	-	-
<b>Other</b>	-	-	-
<b>TOTAL NEW COSTS</b>	\$217,090	\$146,637	\$79,917

*Table 4: Faculty Requirements*

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

**Staff Conclusion**

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



**Kennedy-King College**  
**6301 South Halsted Street**  
**Chicago, IL 60621**  
**President: Dr. Gregory Thomas**

**Proposed Program Title:** Associate of Applied Science in Cybersecurity (60 credit hours)

### **Program Purpose**

The program will prepare individuals for entry-level employment and advancement opportunities as cybersecurity specialists.

### **Catalog Description**

The Associate in Applied Science (AAS) in Cybersecurity has a hands-on approach to learning which allows students to obtain comprehensive cybersecurity technical knowledge and skills required for entry-level jobs in the field. The AAS program courses provide an integrated education for cybersecurity professional needs and include a practical work-based learning component, configuring and administering cloud computing infrastructures and applications, and engaging in information security systems analysis.

### **Curricular Information**

The AAS in Cybersecurity requires 15 credit hours of general education, 36 credit hours of required career and technical education coursework, and nine credit hours of related technical electives. The career and technical component includes instruction in fundamentals of programming, introductory and advanced operating systems, operating systems server, networking essentials, introductory and advanced internetworking, cloud computing and services, information security essentials, cybercrime and incident response, scripting for cybersecurity, ethical hacking, information technology electives specifically related to cybersecurity, and a required field project or internship in cybersecurity. Assessment of student learning will be achieved through evaluation of the student's performance on either the comprehensive field project or the internship experience. The program will prepare graduates for industry credentialing in CompTIA Server+, Cloud+, and Cybersecurity Analyst plus, with additional options for credentialing offered within the available electives. The proposed program will provide a continued educational ladder opportunity for students completing the recently approved Basic and Advanced-level Certificates in Cybersecurity.

### **Accrediting Information**

Kennedy-King College (College) is accredited by the Higher Learning Commission. The College plans to seek optional program accreditation through the Accreditation Board for Engineering and Technology (ABET) once at least one class of students has graduated from the program.

### **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, employment growth in related cybersecurity occupations is expected to increase statewide between 6.6 and 22.9 percent through the year 2026.

Table 1: Employer Partners

<b>Employer</b>	<b>Location</b>
Accenture	Chicago, IL
OnShore Security	Chicago, IL
SDI Presence LLC	Chicago, IL
Trustwave	Chicago, IL

Table 2: Projected Enrollments (Combined)

<b>Cybersecurity AAS degree</b>	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Full-Time Enrollments:	10	24	32
Part-Time Enrollments:	4	10	16
Completions:	-	7	16

**Financial/Budgetary Information**

The program will require one existing full-time and one to two part-time faculty (one new, one existing) in the first year. All facilities are adequately in place to support the program and will share existing resources with the Information Technology programs currently being offered. Some new equipment purchases, software licenses, and hardware upgrades have been budgeted for during the first three years. The program will otherwise be supported fiscally through student tuition and fees.

Table 3: Financial Information (Combined)

	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Faculty Costs	\$29,000	\$59,994	\$154,945
Administrator Costs	-	-	-
Other Personnel costs	\$35,200	\$36,256	\$37,344
Equipment Costs	\$5,500	\$12,000	\$10,000
Library/LRC Costs	-	-	-
Facility Costs*	-	-	-
Other (Software licenses)	\$13,250	\$13,250	\$13,250
<b>TOTAL NEW COSTS</b>	<b>\$82,950</b>	<b>\$121,500</b>	<b>\$215,539</b>

Table 4: Faculty Requirements

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

**Staff Conclusion**

Kennedy-King College and its proposed program meet the criteria to implement the Board of Higher Education Act (110 ILCS 205) as set forth in 23 Ill. Adm. Code 1050.30 and the Illinois Board of Higher Education policies pertaining to assessment and accreditation for licensure.

**Lake Land College**  
**500 Lake Land Boulevard**  
**Mattoon, IL 61938**  
**President: Dr. Josh Bullock**

**Proposed Program Title:** Illinois Department of Corrections Associate of Applied Science in Automotive Mechanics (63.5 credit hours)

### **Program Purpose**

The program will prepare individuals for entry-level employment as automotive mechanics.

### **Catalog Description**

The Illinois Department of Corrections (IDOC) Associate of Applied Science (AAS) in Automotive Mechanics is designed to prepare for IDOC students who have completed the Automotive Service Technician Certificate, the Automotive Repair Technician Certificate, and the Automotive Mechanics Certificate and are interested in pursuing an associate's degree to prepare for entry- to mid-level positions in the automotive service industry. The curriculum will build on the prior certificates' technical training to include general education applicable to working in this field.

### **Curricular Information**

The IDOC AAS in Automotive Mechanics requires 16 credit hours of general education and 47.5 credit hours of required career and technical education coursework. Career and technical coursework include instruction in introductory auto service, vehicle fundamentals, basic vehicle service, vehicle electrical systems, steering/suspension and alignment, basic brake systems, vehicle heating and cooling systems, engine performance, engine rebuilding, and new vehicle technology. The program will prepare individuals for Automotive Service Excellence (ASE) industry certifications in Engine Repair, Transmission and Transaxle, Suspension and Steering, Brakes, Electrical and Electronic Systems, Heating and Air Conditioning, and Engine Performance. Assessment of student learning is achieved through evaluation of the student's performance during their automotive service laboratory by the program faculty.

### **Accrediting Information**

Lake Land College (College) is accredited by the Higher Learning Commission. Specialized accreditation is not required.

### **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, employment growth of automotive service technicians/mechanics is expected to increase statewide around four percent through the year 2026.

*Table 1: Employer Partners*

<b>Employer</b>	<b>Location</b>
Illinois Department of Corrections	Multiple locations, IL

*Table 2: Projected Enrollments*

<b>Auto Mechanics AAS degree</b>	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Full-Time Enrollments:	50	60	60
Part-Time Enrollments:	-	-	-
Completions:	25	30	30

### **Financial/Budgetary Information**

Seven existing full-time faculty will be necessary to implement the program. Qualified faculty will hold an associate degree and/or at least five years of work experience as an automotive service technician, hold ASE certification as appropriate for the course/content, and one-year teaching experience. Facilities and equipment are adequately in place to support the proposed program. All costs are covered through Illinois Department of Corrections grant funds.

*Table 3: Financial Information*

	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Faculty Costs	\$319,100	\$322,291	\$322,291
Administrator Costs	-	-	-
Other Personnel costs	-	-	-
Equipment Costs	-	-	-
Library/LRC Costs	-	-	-
Facility Costs*	-	-	-
Other	-	-	-
<b>TOTAL NEW COSTS</b>	<b>\$319,100</b>	<b>\$322,291</b>	<b>\$322,291</b>

*Table 4: Faculty Requirements*

	<b>First Year</b>		<b>Second Year</b>		<b>Third Year</b>	
	<b>Full-time</b>	<b>Part-time</b>	<b>Full-Time</b>	<b>Part-time</b>	<b>Full-Time</b>	<b>Part-time</b>
New Faculty	0	0	0	0	0	0
Existing Faculty	7	0	7	0	7	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 set forth in 23 Ill. Adm. Code 1050.30 and the Illinois Board of Higher Education policies pertaining to assessment and accreditation for licensure.

**Olive-Harvey College**  
**10001 South Woodlawn Avenue**  
**Chicago, IL 60628**  
**President: Ms. Kimberly Hollingsworth**

**Proposed Program Title:** Associate of Applied Science in Cybersecurity (60 credit hours)

### **Program Purpose**

The program will prepare individuals for entry-level employment and advancement opportunities as cybersecurity specialists.

### **Catalog Description**

The Associate in Applied Science (AAS) in Cybersecurity program utilizes a hands-on approach to learning which allows students to obtain comprehensive cybersecurity technical knowledge and skills required for entry-level jobs in the field. The AAS program courses provide an integrated education for cybersecurity professional needs and include a practical work-based learning component, configuring and administering cloud computing infrastructures and applications, and engaging in information security systems analysis.

### **Curricular Information**

The AAS in Cybersecurity requires 15 credit hours of general education, 36 credit hours of required career and technical education coursework, and nine credit hours of related technical electives. The career and technical component includes instruction in fundamentals of programming, introductory and advanced operating systems, operating systems server, networking essentials, introductory and advanced internetworking, cloud computing and services, information security essentials, cybercrime and incident response, scripting for cybersecurity, ethical hacking, a required field project or internship in cybersecurity, and information technology electives specifically related to cybersecurity. Assessment of student learning will be achieved through evaluation of the student's performance on either the comprehensive field project or the internship experience. The program will prepare graduates for industry credentialing in CompTIA Server+, Cloud+, and Cybersecurity Analyst plus, with additional options for credentialing offered within the available electives. The proposed program will provide a continued educational ladder opportunity for students completing the recently approved basic and advanced-level certificates in Cybersecurity.

### **Accrediting Information**

Olive-Harvey College (College) is accredited by the Higher Learning Commission. The College plans to seek optional program accreditation through the Accreditation Board for Engineering and Technology (ABET) once at least one class of students has graduated from the program.

### **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, employment growth in related cybersecurity occupations is expected to increase statewide between 6.6 percent and 22.9 percent through the year 2026.

*Table 1: Employer Partners*

<b>Employer</b>	<b>Location</b>
Accenture	Chicago, IL
OnShore Security	Chicago, IL
SDI Presence LLC	Chicago, IL
Trustwave	Chicago, IL

*Table 2: Projected Enrollments*

<b>Cybersecurity AAS degree</b>	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Full-Time Enrollments:	10	24	32
Part-Time Enrollments:	4	10	16
Completions:	-	7	16

**Financial/Budgetary Information**

The program will require one existing full-time and one to two new part-time faculty in the first year. All facilities are adequately in place to support the program and will share existing resources with the Information Technology programs currently being offered. Some new equipment purchases and software licenses have been budgeted for during the first three years. The programs will otherwise be supported fiscally through student tuition and fees.

*Table 3: Financial Information*

	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Faculty Costs	\$24,094	\$81,048	\$93,095
Administrator Costs	-	-	-
Other Personnel costs	-	-	-
Equipment Costs	\$5,500	\$12,000	\$10,000
Library/LRC Costs	-	-	-
Facility Costs*	-	-	-
Other (Software licenses)	\$13,250	\$13,250	\$13,250
<b>TOTAL NEW COSTS</b>	<b>\$42,844</b>	<b>\$106,298</b>	<b>\$116,345</b>

*Table 4: Faculty Requirements*

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

**Staff Conclusion**

Olive-Harvey College and its proposed program meet the criteria to implement the Board of Higher Education Act (110 ILCS 205) as set forth in 23 Ill. Adm. Code 1050.30 and the Illinois Board of Higher Education policies pertaining to assessment and accreditation for licensure.

**Olney-Central College**  
**305 North West Street**  
**Olney, IL 62450**  
**President: Mr. Rodney Ranes**

**Proposed Program Title:** Associate of Applied Science in Unmanned Aerial Technology (60 credit hours)

### **Program Purpose**

The program will prepare individuals for Federal Aviation Regulations (FAR) Part 107 Commercial Pilot Remote licensure and entry-level employment in commercial drone vehicle operations, cross-training, or both, and other employment opportunities in fields where unmanned aerial technology is utilized.

### **Catalog Description**

The Associate of Applied Science (AAS) in Unmanned Aerial Technology prepares students for jobs in industries where various types of unmanned aerial systems are used including agriculture, public safety, surveying, inspection, and logistics. Current industry technology and regulations and Part 107 Certificate requirements are heavily emphasized.

### **Curricular Information**

The AAS in Unmanned Aerial Technology requires 17 credit hours of general education and 43 credit hours of required career and technical education coursework. Career and technical coursework includes instruction in introductory unmanned aerial technology (UAT), principals of UAT flight, UAT mission planning, UAT electronics, UAT design and construction, UAT photogrammetry, UAT industry applications, UAT law, policy and safety, aerial photography and videography, remote pilot FAR Part 107 prep, and a UAT industry project. Assessment of student learning will be achieved through evaluation of the student's comprehensive final project and performance on practice licensure exams. The program will prepare graduates for the required Federal Aviation Administration (FAA) Federal Aviation Regulations Part 107 Commercial Pilot Remote licensure exam.

### **Accrediting Information**

Olney-Central College (College) is accredited by the Higher Learning Commission. Specialized accreditation is not required; however, the College has aligned the curriculum to prepare students for FAR Part 107 licensure.

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

Labor market information provided by the College supports the interest in and the need for a training program in this field of study. The College worked closely with its program advisory committee to identify a need for this training and the breadth of opportunities within the College's district. Occupations that utilize drone operation skills are expected to increase in demand between five and 11 percent statewide through 2026. Currently, there is only one other community college offering a similar degree program.

*Table 1: Employer Partners*

<b>Employer</b>	<b>Location</b>
Flying S (Drone Manufacturer)	Palestine, IL
Hampton Lenzini & Renwick Inc (Civil Engineers)	Mt. Carmel, IL
Ameren (Electric Service Company)	St. Charles, MO
Olney Fire Department	Olney, IL
State Farm (Insurance)	Bloomington, IL
Country Financial (Insurance)	Bloomington, IL

*Table 2: Projected Enrollments*

<b>Unmanned Aerial Tech AAS degree</b>	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Full-Time Enrollments:	10	15	20
Part-Time Enrollments:	5	5	10
Completions:	-	-	10

**Financial/Budgetary Information**

The program will require one existing full-time and one part-time faculty in the second and third years. Qualified faculty hold an associate degree in Unmanned Aerial Systems, Aviation, Engineering Technology, or other closely related field, possess FAR Part 107 certification, have one-year related work experience, and one-year teaching experience. Some equipment purchases, equipment maintenance, and facilities upgrades are necessary during the first three years of operation. The programs were developed and will be supported with U.S. Department of Education Title III grant funds through the first three years of implementation. Grant funds cover the cost of faculty, equipment, facility upgrades, and equipment maintenance. The program will otherwise be supported by student tuition and fees.

*Table 3: Financial Information*

	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Faculty Costs	\$56,238	\$57,925	\$59,664
Administrator Costs	-	-	-
Other Personnel costs	-	\$10,000	\$10,000
Equipment Costs	\$59,055	-	-
Library/LRC Costs	-	-	-
Facility Costs (upgrades)	\$35,000	-	-
Other (equip maintenance)	\$1,000	\$1,000	\$1,000
<b>TOTAL NEW COSTS</b>	<b>\$151,293</b>	<b>\$68,925</b>	<b>\$70,664</b>

*Table 4: Faculty Requirements*

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



**Proposed Program Title:** Associate of Applied Science in Welding and Fabrication (60 credit hours)

### **Program Purpose**

The program will prepare individuals for entry-level and advanced employment as welders in a variety of settings.

### **Catalog Description**

The Associate of Applied Science (AAS) in Welding and Fabrication program is designed to prepare welders and fabricators to meet the needs of the industry. The requirements include but is not limited to the successful completion of a 6g pipe/tube test, extensive knowledge over technical document and tool reading, and successful welding on exotic metals and alloys. Graduates are prepared for jobs in pipefitting/welding, boiler making, ironworking, sheet metal working, fabrication, and production welding.

### **Curricular Information**

The AAS in Welding and Fabrication requires 17 credit hours of general education coursework and 43 credit hours of career and technical education coursework. The career and technical component includes instruction in introductory Gas Metal Arc Welding, Shielded Metal Arc Welding, Gas Tungsten Arc Welding, Flux Core Arc Welding, Advanced GMAW, Combination Welding, welding metallurgy, pipe and tube preparation, pipe welding certification, 6g Pipe Certification, design and fabrication, blueprint reading, metal cutting and preparation, and Exotics. Students who complete the welding course sequence are eligible to sit for the American Welding Society certifications that cover four various individual structural steel codes, and 6g Pipe Welding Certification. The proposed program will provide a continued educational ladder opportunity for students completing other short-term certificates in welding. Assessment of student learning will be achieved through evaluation of the student's performance during comprehensive certification practice assessment.

### **Accrediting Information**

Olney-Central College (College) is accredited by the Higher Learning Commission. Specialized accreditation is not required.

### **Supporting Labor Market Data**

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, employment growth in the employment of welders is expected to increase by 4.9 percent, sheet metal workers by 8.9 percent, ironworkers by 10.2 percent and plumbers/pipefitters by 14.2 percent statewide through the year 2026.

Table 1: Employer Partners

Employer	Location
Pipefitters Local 157	Terre Haute, IN
Boilermakers Local 374	Hobart, IN
Boilermakers Local 363	Belleville, IL
Ironworkers Local 103	Evansville, IN
Sheet Metal Workers Local 268	Caseyville, IL
DC Weld Inc.	Flora, IL
Floyd's Welding	Onley, IL
GSI	Various locations, IL
Evapco	Newton, IL
Master Halco	Onley, IL

Table 2: Projected Enrollments

Welding & Fabrication AAS degree	First Year	Second Year	Third Year
Full-Time Enrollments:	17	22	25
Part-Time Enrollments:	5	5	10
Completions:	-	-	17

### Financial/Budgetary Information

The program will require one existing full-time faculty, one new full-time faculty, and one new part-time faculty in the first year. Qualified faculty will hold an associate degree in welding and have one-year related work experience, an AWS certification, and one year of teaching experience. Some equipment purchases, consumables (such as welding gas), and facilities upgrades have been budgeted for during the first three years of operation. The program was developed and will be supported with U.S. Department of Education Title III grant funds through the first three years of implementation. Grant funds cover the cost of faculty, equipment, facilities upgrade, and lab consumables. The program will otherwise be supported by student tuition and fees.

Table 3: Financial Information

	First Year	Second Year	Third Year
Faculty Costs	\$56,238	\$57,925	\$59,664
Administrator Costs	-	-	-
Other Personnel costs	-	-	-
Equipment Costs	\$363,785	\$23,735	-
Library/LRC Costs	-	-	-
Facility Costs (upgrades)	\$10,400	-	-
Other (welding supplies)	\$9,000	\$18,900	\$18,900
<b>TOTAL NEW COSTS</b>	<b>\$439,423</b>	<b>\$100,560</b>	<b>\$78,564</b>

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	0	0	0	0	0
Existing Faculty	1	1	2	1	2	1

**Staff Conclusion**

Olney-Central 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. Adm. Code 1050.30 and the Illinois Board of Higher Education policies pertaining to assessment and accreditation for licensure.

**South Suburban College**  
**15800 South State Street**  
**South Holland, IL 60473**  
**President: Dr. Lynette Stokes**

**Proposed Program Title:** Associate of Applied Science in Barbering (65 credit hours)

### **Program Purpose**

The program will prepare individuals for required state licensure, entry-level employment, and advancement opportunities, as barbers.

### **Catalog Description**

The Associate of Applied Science (AAS) in Barbering program utilizes hands-on training in the art, skill, and science used in the barbering business. The AAS consists of teaching skills in the design of hair, facial shaving, chemical services for hair, installation of temporary hair pieces, salon operations, and barber license review. The program meets the standards of the Illinois Department of Finance and Professional Regulation (IDFPR) in total hours, teaching staff, equipment, facilities, libraries, and course content. Students are required to complete a specific number of hours in the Barber College Salon. Students are eligible to sit for the licensure examination once all coursework and laboratory hours are completed. The AAS curriculum builds on the technical certificate to provide students with an option for a degree credential in this field.

### **Curricular Information**

The AAS in Barbering requires 15 credit hours of general education and 50 credit hours of required career and technical education coursework. The career and technical component includes instruction in introduction to barbering; introductory, intermediate, and advanced levels in the art of barbering; introductory, intermediate, and advanced levels of salon operations; introductory and intermediate levels of chemical services; barber styling; barber business; and barber license review. Assessment of student learning will be achieved through evaluation of the student's performance during the salon operations sequence of courses. Students will be evaluated during their work-based learning experience in the college's barber lab by program faculty, including a licensed barber-instructor.

### **Accrediting Information**

South Suburban College (College) is accredited by the Higher Learning Commission. The College has plans to seek IDFPR approval in compliance with Section 1175.330 Barber Curriculum Requirements of the Barber, Cosmetology, Esthetics, Hair Braiding, and Nail Technology Act, once all required State Board approvals have been received and the Barber College Salon is ready for inspection.

### **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 in occupations related to barbering is expected to increase locally around 10.8 percent, statewide around four percent, and nationally around 13 percent through the year 2026.

Table 1: Employer Partners

Employer	Location
Clippers and Shears	Harvey, IL
Cuts on Point	Midlothian, IL
Dynasty Cuts	Harvey, IL
Elite Clientele	Dolton, IL
Father & Sons	Chicago, IL
Grooming for Success	South Holland, IL
Major League Barbering	Chicago, IL
Silk and Classy	Dolton, IL

Table 2: Projected Enrollments

Barbering AAS degree	First Year	Second Year	Third Year
Full-Time Enrollments:	8	16	16
Part-Time Enrollments:	8	16	16
Completions:	-	8	16

### Financial/Budgetary Information

The program will require four new part-time faculty the first year, with one additional full-time faculty added starting the second year. Qualified faculty will hold a current professional license in barber instruction, possess a current Illinois Barber License, have at least two years of work experience as a professional barber and one year of teaching experience. Facilities upgrades to existing lab space and new equipment purchases to meet IDFPR requirements are included in the budget for the first year. The program was developed with Workforce Equity Initiative (WEI) grant funds and will be supported fiscally through student tuition and fees.

Table 3: Financial Information

	First Year	Second Year	Third Year
Faculty Costs	\$81,120	\$123,773	\$126,966
Administrator Costs	-	-	-
Other Personnel costs	-	-	-
Equipment Costs	\$20,200	-	-
Library/LRC Costs	-	-	-
Facility Costs*	\$70,000	-	-
Other	-	-	-
<b>TOTAL NEW COSTS</b>	<b>\$171,320</b>	<b>\$123,772</b>	<b>\$126,966</b>

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	4	0	2	0	0
Existing Faculty	0	0	0	4	0	6

### Staff Conclusion

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