







**Kishwaukee College**

**Hospitality Management A.A.S. degree (60 credit hours)**

**Program Purpose:** The program will prepare individuals for entry-level employment or advancement opportunities in the field of hospitality management.

**Catalog Description:** This degree develops the leadership skills and management practices that are valued in the hospitality industry. It is designed to provide students with the knowledge and skills necessary for entry-level management roles in the culinary, hospitality and tourism fields.

**Curricular Information:** The degree program requires 20 credit hours of general education coursework and 40 credit hours of required career and technical education coursework. Career and technical coursework includes instruction in introduction to the hospitality industry, cooking fundamentals, baking fundamentals, kitchen techniques, food & beverage service, introductory business, management, human resources, marketing, sales, business accounting, legal/social environment of business, and ServSafe Manager Certification. Assessment of student learning will be achieved through evaluation of the student's portfolio containing evidence of having met each of the program's educational outcomes. The curriculum was developed according to National Restaurant Association and American Culinary Federation industry standards. Students who successfully complete the ServSafe Certification will earn credentials in Management, Alcohol, Allergens, Workplace, and Food Handler areas. The college was recently approved to offer a related 19 credit hour Foundations of Culinary Arts Certificate. The proposed degree will provide an educational ladder opportunity for graduates of this certificate program.

**Justification for Credit hours required for the degree:** NA.

**Accrediting Information:** NA.

**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), overall growth in employment of related occupations in hospitality is expected to increase between 9.2 – 13.5% Statewide through 2026.

*Table 1: Employer Partners*

<b>Employers</b>	<b>Location</b>
Country Inn & Suites by Radisson	Sycamore, IL
Hampton Inn	DeKalb, IL
Holiday Inn Express	Rochelle, IL
Motel 6	Sycamore, IL
Super 8 by Wyndham	Rochelle, IL
Abraham's Bar &	Rochelle, IL
Alfano's Pizzeria & Italian Restaurant	Rochelle, IL
Butterfly Family Restaurant	Rochelle, IL
Egg Haven Pancakes & Café	DeKalb, IL
Elleson's Bakery	Sycamore, IL
Ellwood Steak & Fish House	DeKalb, IL
Fatty's Pub & Grill (Catering Group)	DeKalb, IL

*Note: This is only a partial list of partners. Twenty-five local restaurant employers participated in the development of the proposed program.*

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*Table 2: Projected Enrollments*

Hospitality Management AAS	First Year	Second Year	Third Year
Full-Time Enrollments:	2	5	10
Part-Time Enrollments:	3	5	10
Completions:	0	2	5

**Financial / Budgetary Information:** One (1) existing full-time and one (1) new part-time faculty will be necessary to implement the program. Qualified faculty will hold a Bachelor's degree in Hospitality Management or closely related field, at least three years of work experience in hospitality management, and one year teaching experience preferred. All facilities are adequately in place to support the program. Some new costs are anticipated for library resources. The program will otherwise be fiscally supported through student tuition and fees.

*Table 3: Financial Information*

	First Year	Second Year	Third Year
Faculty Costs	\$12,000	\$12,000	\$51,430
Administrator Costs	0	0	0
Other Personnel Costs	0	0	0
Equipment Costs	0	0	0
Library/LRC Costs	\$500	\$250	\$250
Facility Costs*	0	0	0
Other (specify)	0	0	0
<b>TOTAL NEW COSTS</b>	<b>\$12,500</b>	<b>\$12,250</b>	<b>\$51,680</b>

*Table 4: Faculty Requirements*

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

**Kishwaukee College**

**Advanced Welding Technology Certificate (32 credit hours)**

**Program Purpose:** The program will prepare individuals for entry-level employment and/or advancement opportunities in the field of welding and fabrication.

**Catalog Description:** The Advanced Welding Technology Certificate program is designed to provide students with the knowledge and skills that will further their training in various areas of welding. Students can apply their Basic Welding Certificate credit hours to the new advanced certificate.

**Curricular Information:** The certificate program requires 32 credit hours of required career and technical education coursework, including instruction fundamentals of welding processes, introductory and advanced shielded metal arc welding (SMAW), introductory and advanced gas metal & flux core arc welding (GMAW/FCAW), Tungsten inert gas welding (TIG), introductory and advanced fabrication, introductory and advanced welding layout, ASME (American Society of Mechanical Engineers) pipe welding, specialized welding, and AWS (American Welding Society) Certification welding. Assessment of student learning will be achieved through evaluation of the student's performance during the Certification welding course. The program will prepare individuals for multiple AWS welding certifications including Structural Steel and Pipe Welding.

**Justification for Credit hours required for the degree:** The content included in this curriculum is required to prepare students to meet industry credentialing requirements.

**Accrediting Information:** The curriculum was developed according to educational guidelines for certification through the American Welding Society (AWS).

**Supporting Labor Market Data (including employer partners):** Labor market information provided by the college supports the interest in and need for an advanced-level certificate program in this field of study. According to the Illinois Department of Employment Security (IDES), overall growth in employment of "welders" is expected to increase by 4.9% Statewide through 2026.

*Table 1: Employer Partners*

<b>Employers</b>	<b>Location</b>
AutoMeter Products Inc.	Sycamore, IL
Barnes International, Inc.	Rockford, IL
Blount International, Inc.	Oregon, IL
Cain Millwork, Inc.	Rochelle, IL
Crest Foods	Ashton, IL
Custom Welding & Repair	DeKalb, IL
Dawn Equipment Company	Sycamore, IL
FPE Automation, Inc.	Elk Grove Village, IL
H.A. Phillips Refrigeration	Aurora, IL
Ideal Industries, Inc.	DeKalb, IL
Ingersoll Cutting Tool Company	Rockford, IL
Omron Automation Americas	Hoffman Estates, IL
R & D Thiel Inc.	Belvidere, IL
Sauber Manufacturing Company	Virgil, IL
Simpson Technologies Corporation	Aurora, IL
SK Hand Tool, LLC	Sycamore, IL
Swenson Products	Lindenwood, IL
Tarryn T Design	DeKalb, IL

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3M Company	DeKalb, IL
Walt Limited Tooling	DeKalb, IL
William E. Hanna Surveyors	DeKalb, IL

*Table 2: Projected Enrollments*

Advanced Welding Certificate	First Year	Second Year	Third Year
Full-Time Enrollments:	3	4	6
Part-Time Enrollments:	3	4	6
Completions:	6	8	12

**Financial / Budgetary Information:** All facilities, faculty and most resources are currently in place to support the proposed program, as the college currently offers a Basic Welding Certificate. Funds are budgeted during years two and three in case equipment needs replaced/purchased. One (1) existing full-time and seven (7) existing part-time faculty will be necessary to implement the program. Qualified faculty hold either a Bachelor’s degree in Welding and one year related work experience, or an Associate’s degree in Welding and 3 years related work experience, and one year teaching experience preferred. The program will otherwise be fiscally supported through student tuition and fees.

*Table 3: Financial Information*

	First Year	Second Year	Third Year
Faculty Costs	0	0	0
Administrator Costs	0	0	0
Other Personnel Costs	0	0	0
Equipment Costs	0	\$5000	\$5000
Library/LRC Costs	0	0	0
Facility Costs*	0	0	0
Other (specify)	0	0	0
<b>TOTAL NEW COSTS</b>	<b>\$0</b>	<b>\$5000</b>	<b>\$5000</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	0	0	0	0	0
Existing Faculty	1	7	1	7	1	7

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**Moraine Valley Community College**

**Associate in Engineering Science (A.E.S.) degree (66 credit hours)**

**Moraine Valley Community College** is seeking approval to offer a 66 credit hour Associate in Engineering Science (A.E.S) degree for students planning to pursue a Bachelor's of Science in Engineering degree upon transfer to a baccalaureate institution. The proposed A.E.S degree curriculum is closely aligned with lower division coursework at universities offering bachelor's degree programs in all engineering majors. The proposal satisfies ICCB Administrative Rules for the A.E.S. degree program, regarding total credit hours, general education requirements, faculty qualifications, and the IAI engineering major panel recommendations. To gain admission to this program, students must meet the general admission standards for the college. The A.E.S degree program at MVCC will target recent high school graduates or returning students who are especially strong in math, science, and writing skills. During FY 2019, over 200 students enrolled in courses which comprise the proposed A.E.S. degree, and over a third of students enrolled in Calculus I indicated doing so for the purpose of transferring into a four-year engineering program. Currently, MVCC students interested in pre-engineering must complete both the Associate in Science (A.S.) degree requirements and requirements for the Engineering Pathways program, a transfer pathway specifically intended for transfer to the University of Illinois' College of Engineering. This results in students taking well beyond the total credit hours that an A.E.S. degree would have required. An approved A.E.S. degree program at MVCC will distinguish an academic pathway for students pursuing a baccalaureate/transfer engineering degree, will encourage completion of a program without the burden of excess coursework, and will reduce the cost for the students. Existing facilities, including classroom, laboratories and libraries, as well as equipment are adequate for the implementation of the proposed program. The program will be supported fiscally through student tuition and fees.



**Richland Community College**  
**Cybersecurity A.A.S. degree (64credit hours)**

**Program Purpose:** The program will prepare individuals for entry-level employment or advancement opportunities in the information technology field, specifically working in network security and cybercrime prevention.

**Catalog Description:** The Cybersecurity AAS prepares students for a career in the field of information security. The program is based on the concept of fighting cybercrime and protecting valuable data in business and government entities, using the latest technology. Students learn how to use techniques to protect data, minimize risk, and remove threats to a network. The program is based on multiple operating systems and modalities, helping students to be able to protect any network.

**Curricular Information:** The degree program requires 16 credit hours of general education coursework and 48 credit hours of required career and technical education coursework. Career and technical coursework includes instruction in introduction to cybercrimes, ethical hacking, digital forensics, networking fundamentals, wireless networking, network security, firewalls and VPNs, Windows Client Operating System, Windows Server Operation System, Cloud Technology, penetration testing, object-oriented programming, programming logic, A+ computer technologies, and a required work-based learning seminar and practicum in information security. Assessment of student learning will be achieved through evaluation of the student's performance during the practical learning experience. The curriculum was developed according to accreditation standards of the Centers of Academic Excellence in Cyber Defense Education (CAE-CDE) and will provide an educational ladder opportunity for students and graduates of the existing related Certificate in Network Technology.

**Justification for Credit hours required for the degree:** The program includes several courses (one general education course and several career and technical education courses) that require 4 credit hours. The content included in the curriculum meets program accreditation standards and will prepare students for multiple CAE-CDE sponsored credentials.

**Accrediting Information:** Optional program accreditation is available through the Centers of Academic Excellence in Cyber Defense Education (CAE-CDE). The college can pursue CAE-CDE program accreditation once the first class of students has graduated. Currently, there are only two (2) community colleges in the State holding CAE-CDE accreditation.

**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), overall growth in employment of "information security analysts" is expected to increase between by 28.4% Statewide through 2026.

*Table 1: Employer Partners*

<b>Employers</b>	<b>Location</b>
Heavner, Beyers, and Mihlar, LLC	Decatur, IL
JTNet	Decatur, IL
Decatur Memorial Hospital	Decatur, IL
WAND-TV	Decatur, IL
Liaison Home Automation	Decatur, IL
Mason Manufacturing	Decatur, IL
City of Decatur	Decatur, IL
BLDD Architects	Decatur, IL

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IBM	Armonk, NY
Richland Community College IT Services	Decatur, IL
University of IL at Urbana-Champaign IT Services	Urbana, IL

*Table 2: Projected Enrollments*

<b>Cybersecurity AAS</b>	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Full-Time Enrollments:	18	24	30
Part-Time Enrollments:	12	18	18
Completions:	0	18	27

**Financial / Budgetary Information:** One (1) existing and one (1) new full-time faculty/program coordinator will be necessary to implement the program. Qualified faculty will hold a Bachelor’s degree in Information Technology or closely related field, at least one year of work experience in cybersecurity, and one year teaching experience preferred. Facilities (two classrooms) will be renovated to create a working cybersecurity lab utilizing Federal Protection, Health & Safety Grant funds awarded to the College. Sizable equipment purchases will also be required to implement the program utilizing Workforce Development Grant funds awarded to the College through the Illinois Department of Commerce & Economic Opportunity (DCEO). The program will otherwise be fiscally supported through student tuition and fees.

*Table 3: Financial Information*

	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Faculty Costs	\$49,500	\$50,490	\$51,500
Administrator Costs	\$36,000	\$36,720	\$37,460
Other Personnel Costs	0	0	0
Equipment Costs	\$100,000	\$3,000	\$3,000
Library/LRC Costs	\$500	0	0
Facility Costs*	0	0	0
Other (student competition)	0	\$2,600	\$2,600
<b>TOTAL NEW COSTS</b>	<b>\$186,000</b>	<b>\$92,810</b>	<b>\$94,560</b>

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

**Spoon River College**

**Advanced Manufacturing A.A.S. degree (61 credit hours)**

**Program Purpose:** The program will prepare individuals for entry-level employment or advancement opportunities in the fields of manufacturing and industrial maintenance.

**Catalog Description:** The Advanced Manufacturing Associate degree at Spoon River College offers education and training in the ever changing field of manufacturing and industrial maintenance. SRC takes pride in the fact that students are trained in the skills necessary to work successfully in our area's workforce. The 61 credit hour program is designed to be completed in no more than 4 semesters. Within this program, a student is also able to obtain an 11 credit hour one semester certificate as a Certified Production Technician, as recognized by the Manufacturing Skills Standards Council. A student is also able to obtain a two semester 22 credit hour Certificate in Industrial Maintenance.

**Curricular Information:** The degree program requires 15 credit hours of general education coursework and 46 credit hours of required career and technical education coursework. Career and technical coursework includes instruction in introduction to manufacturing & safety, manufacturing processes & production, manufacturing maintenance, blueprint reading for manufacturing, quality measurement, fundamentals of CNC machining & programming, machine tooling processes, industrial equipment maintenance, electrical & electronics, hydraulics & pneumatics, computer applications for business, engineering graphics, first aid, introductory welding, MIG welding, and a manufacturing internship. Assessment of student learning will be achieved through evaluation of the student's performance during the work-based learning experience as well as completion of a final comprehensive project. The curriculum was developed according to industry standards of the Illinois Manufacturing Skills Standards Council (MSSC) for manufacturing technology and industrial maintenance programs. Students will be eligible for the MSSC Certified Production Technician (CPT) credential upon completion of the program. The college was recently approved to offer a related 22 credit hour Industrial Maintenance Certificate, and an 11 credit hour Certified Production Technician Certificate. The proposed degree will provide an educational ladder opportunity for graduates of this certificate program.

**Justification for Credit hours required for the degree:** The program was developed according to industry standards and in addition to coursework required to meet those standards, members of the program advisory committee felt a course in computer business applications relevant to the manufacturing industry as a necessary part of the curriculum.

**Accrediting Information:** NA.

**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), overall growth in employment of related occupations in manufacturing and industrial maintenance is expected to increase between 3.7 – 10.3 % Statewide through 2026. Local employers reached out to the College with a strong interest in their providing both short- and long-term educational preparation for current and new employees.

*Table 1: Employer Partners*

<b>Employers</b>	<b>Location</b>
NTN Bower	Macomb, IL
Yetter Manufacturing	Cholchester, IL
Vaughan & Bushnell	Bushnell, IL
Midwest Control Products	Bushnell, IL
Tracer Industries	Havana, IL

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*Table 2: Projected Enrollments*

<b>Advanced Manufacturing AAS</b>	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Full-Time Enrollments:	4	6	8
Part-Time Enrollments:	4	6	8
Completions:	0	4	6

**Financial / Budgetary Information:** One (1) existing full-time, one (1) existing part-time, and one (1) new part-time faculty will be necessary to implement the program. Qualified faculty will hold at least an Associate’s degree, while a Bachelor’s degree is preferred, in Manufacturing Technology or closely related field, at least two years of work experience in manufacturing or industrial maintenance, and one year teaching experience preferred. All facilities are adequately in place to support the program. The program will otherwise be fiscally supported through student tuition and fees.

*Table 3: Financial Information*

	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Faculty Costs	\$12,000	\$12,000	\$12,000
Administrator Costs	0	0	0
Other Personnel Costs	0	0	0
Equipment Costs	0	0	0
Library/LRC Costs	0	0	0
Facility Costs*	0	0	0
Other (specify)	0	0	0
<b>TOTAL NEW COSTS</b>	<b>\$12,000</b>	<b>\$12,000</b>	<b>\$12,000</b>

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

**Spoon River College**

**Medical Laboratory Technician A.A.S. degree (64 credit hours)**

**Program Purpose:** The program will prepare individuals for entry-level employment or advancement opportunities as a medical laboratory technician.

**Catalog Description:** Spoon River College offers an Associate in Applied Science degree in Medical Laboratory Technician, which is a 64 credit hour degree. The courses offered within our Medical Laboratory program prepare the student for the national certification examination of Medical Laboratory Technician (MLT), given by the American Society for Clinical Pathology (ASCP) and upon completion of the degree, the student will be eligible to sit for that exam.

**Curricular Information:** The degree program requires 16 credit hours of general education coursework and 48 credit hours of required career and technical education coursework. Career and technical coursework includes instruction in chemistry and clinical chemistry, microbiology and clinical microbiology, blood bank, urinalysis and immunology, hematology and coagulation, medical laboratory skills, a required work-based clinical internship, and certification assessment.

Assessment of student learning will be achieved through evaluation of the student's performance during the certification assessment component as well as the work-based learning experience. The curriculum was developed according to standards of the American Society for Clinical Pathology (ASCP) and will prepare graduates for ASCP certification as a Medical Laboratory Technician (MLT).

**Justification for Credit hours required for the degree:** The program was developed according to program accreditation standards and industry credentialing requirements. As such the curriculum includes several courses with laboratory components and two clinical internship experiences.

**Accrediting Information:** The National Accrediting Agency for Clinical Laboratory Science (NAACLS) accredits medical laboratory technician programs. The college has been working with the NAACLS to meet accreditation standards. Once the program has received all appropriate State approvals the college can move forward in the accreditation process.

**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), overall growth in employment of "Clinical/Medical Laboratory Technicians" is expected to increase by 5.9% Statewide through 2026.

*Table 1: Employer Partners*

<b>Employers</b>	<b>Location</b>
Graham Health System	Canton, IL
McDonough District Hospital	Macomb, IL
Mason District Hospital	Havana, IL
Unity Point	Peoria, IL
OSF Healthcare	Peoria, 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:	4	6	8
Part-Time Enrollments:	4	6	8
Completions:	0	4	6

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**Financial / Budgetary Information:** Two (2) new part-time faculty will be necessary to implement the program. Faculty qualifications are dependent upon courses being taught. Qualified faculty must hold at least an Associate's degree with current ASCP-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/BOC certification, three years related work experience and three years teaching experience preferred. All facilities are adequately in place to support the program. The program will be fiscally supported through student tuition and fees.

*Table 3: Financial Information*

	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>
Faculty Costs	\$20,000	\$20,000	\$20,000
Administrator Costs	0	0	0
Other Personnel Costs	0	0	0
Equipment Costs	0	0	0
Library/LRC Costs	0	0	0
Facility Costs*	0	0	0
Other (specify)	0	0	0
<b>TOTAL NEW COSTS</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>

*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	0	2	0	0	0	0
Existing Faculty	0	0	0	2	0	2

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**INFORMATION ITEM – BASIC CERTIFICATE PROGRAM APPROVAL**

Following is a list of Basic Certificates (less than 29 credit hours) that have been approved on behalf of the Illinois Community College Board by the President/CEO since the last Board meeting:

**Permanent Program Approval**

Highland Community College

- Patient Care Technician Certificate (16 credit hours)

Kankakee Community College

- Hospitality Operations Certificate (18 credit hours)

Kishwaukee College

- Foundations in Culinary Arts Certificate (19 credit hours)

Shawnee Community College

- Unmanned Aircraft Systems Certificate (16 credit hours)
- Gerontology Aide Certificate (16.5 credit hours)

Spoon River College

- Industrial Maintenance Certificate (22 credit hours)
- Certified Production Technician Certificate (11 credit hours)

Oakton Community College

- Cancer Registry Management Certificate (26 credit hours)
- Cannabis Dispensary & Patient Care Specialist Certificate (12 credit hours)

Prairie State College

- Culinary Arts Professional Kitchen Certificate (17 credit hours)