

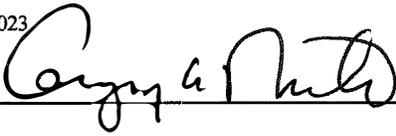
New Program Request Form

CA1

General Information

Institution submitting proposal	Salina Area Technical College
Name, title, phone, and email of person submitting the application <i>(contact person for the approval process)</i>	Jennifer Callis, Vice President of Instruction 785-309-3120 jennifer.callis@salinatech.edu
Identify the person responsible for oversight of the proposed program	Jennifer Callis
Title of proposed program	Industrial Machine Mechanic
Method of program delivery (face to face, online, hybrid)	Face-to-Face
Proposed suggested Classification of Instructional Program (CIP) Code	47.0303
CIP code description (from nces.ed.gov/ipeds)	Occupation Title: Industrial Mechanics and Maintenance Technology Instructional Program Definition: A program that prepares individuals to apply technical knowledge and skills to repair and maintain industrial machinery and equipment such as cranes, pumps, engines and motors, pneumatic tools, conveyor systems, production machinery, marine deck machinery, and steam propulsion, refinery, and pipeline-distribution systems.
Standard Occupation Code (SOC) associated to the proposed CIP code	49-9041
SOC description (from onetonline.org)	Occupation Title: Industrial Machinery Mechanics Occupation Description: Repair, install, adjust, or maintain industrial production and processing machinery or refinery and pipeline distribution systems. May also install, dismantle, or move machinery and heavy equipment according to plans.
Number of credits for the degree <u>and</u> all certificates requested	Technical Certificate C – 53 credits Associate of Applied Science – 65 credits
Proposed Date of Initiation	August 2024
Specialty program accrediting agency	None
Industry-recognized certification(s) to be earned by students	Certified Maintenance and Reliability Technician (CMRT) certification through the Society of Maintenance and Reliability Professionals Certifying organization (SMRP)

Revised/Approved April 2022, updated June 2023

Signature of College Official  Date 14 Sept 2023

Signature of KBOR Official _____ Date _____

Narrative

Completely address each one of the following items for new program requests. Provide any pertinent supporting documents in the form of appendices, (i.e., minutes of meetings, industry support letters, CA-1a form).

Institutions requesting subordinate credentials need only submit the following sections:

1) General Information, 2) Program Rationale, 3) Complete catalog descriptions (including program objectives) for the proposed program, 4) List by prefix, number, title, and description all courses (including prerequisites) to be required or elective in the proposed program, 5) List any pertinent program accreditation available (rationale for seeking or not seeking accreditation and plan to achieve accreditation), and 6) Program Approval at the Institution Level.

Program Rationale

- Provide an overall explanation and background surrounding the development of the proposed program. Include why the program is needed, where the idea to offer the program came from (including the requesting entity), number of projected enrollments, and who was involved in the development of the program.

Salina Area Technical College was approached by area manufacturing businesses struggling to find a trained workforce in the industrial maintenance and automation fields. Manufacturing is a large industry in Salina, KS. Schwan's Global Supply Chain Inc., located in Salina, built a fully automated facility to manufacture their products. In the Spring 2022, the company approached the college to discuss how the college can assist them in building a workforce in the industrial maintenance and automation fields. Due to space restrictions within the current buildings, the college's President started researching possible grants to help fund building a new building to host the program. The Department of Commerce released a grant opportunity that focused on these fields to assist colleges in the development of the program. In the Fall of 2022, Salina Tech reached out to the area manufacturing businesses to research the need in the region. The college developed an advisory committee to develop an Industrial Machine Mechanic program for Salina Tech. With the assistance of 14 regional manufacturing businesses, the college investigated the need in the area and started the development of the program. The college will market the program under the name Industrial Maintenance and Automation. The college has started the building process for a new building to host the program. The regional manufacturing businesses involved in the development of the program are: Agco, Bergkamp, Inc, Exline, Grain Belt Supply Company, Great Plains Manufacturing, KASA, MaiCo Industries, Matcor Metal Fabrication, Pfizer Inc., Schwans, Stryten, Sunbelt Solomon, Viega LLC, Vortex. These industry partners assisted in the layout and design of the courses, development of curriculum and outcomes, recommendation, and donation of equipment, and have made a commitment to continue their involvement with the program through membership on the advisory council, guest speakers, field trips, and hiring of qualified graduates.

The program was developed using two state aligned programs. Using the Industrial Machine Mechanic and the Automation Engineer Technology programs, the college developed the program. The program has been designed to be a two-year program for a Technical Certificate C (53 credits) with an Associates of Applied Science (65 credits) option. The program was developed using the advisory council of area manufacturing businesses along with current faculty in our electrical, welding, and machining programs. The projected enrollment for the program is 30 students, with 15 students in each year.

- If the recommended program is duplicative of other programs in the area, please specifically address why the new, additional program is necessary.

There is no duplicative program within the Salina region with the industrial maintenance mechanic program. This new program is meeting the needs of the region's manufacturing sector.

Program Description and Requirements

- Provide a complete catalog description (including program objectives/outcomes) for the proposed program.

The program offers students the opportunity to gain the knowledge and skills needed to enter the workforce in the fields of industrial maintenance mechanic and automation. Students will learn the manufacturing processes found in existing and developing industrial facilities. Program emphasis is given to providing experience in how to operate and maintain machinery, industrial wiring, motor controls, programmable logic controls, industrial fluid power, robotics, and automation concepts.

Program outcomes:

- Demonstrate how to troubleshoot and repair electrical and mechanical systems.
 - Demonstrate how to setup, troubleshoot, and repair automated systems.
 - Setup and operate manufacturing equipment and systems.
 - Prioritize and plan preventative and predictive maintenance techniques.
 - Demonstrate work safety habits during use and repairs on equipment and systems.
- Include any work-based learning requirements of the program, such as clinicals, internships, etc. If clinical experience is required, please identify whether sufficient clinical sites are available. There will be no required work-based learning requirements for this program. Students within the program will have the opportunity to visit regional manufacturing businesses during field trips and participating in manufacturing days.
 - List and describe the admission and graduation requirements for the proposed program. The Industrial Machine Mechanic program will follow the same admission criteria as other SATC programs. For admission to Salina Tech as a degree- or technical certificate-seeking student, individuals must have graduated from high school or earned a General Educational Development (GED) diploma or be concurrently enrolled as a high school student.

To be eligible to graduate, a student must:

- Complete all required units of instruction and all required assessments.
- Earn a grade of C or higher in all courses.
- Earn at least 15 credits from Salina Tech.
- Ensure that all official college or military transcripts for any previously earned transfer credits are received at Salina Tech the academic year in which the student intends to graduate.

Demand for the Program

- Using the most recent Kansas Department of Labor's Long Term (10-year) Occupational Outlook, (<https://klic.dol.ks.gov>) identify employment trends and projections for the SOC code

identified in the General Information section: annual occupational growth, estimated annual median wages, and typical education level needed for entry.

- Labor information included should show demand in the occupation for the level of education being proposed for the program.
- Include additional data for local and regional employer demand if available.
- For new programs for which state-level labor data is not yet available, additional resources to demonstrate demand for the occupation being trained must be included. Job posting data (cite resource used and date of review) and projected hiring needs for employers (documented in employer letters of support) are examples of additional labor data documentation.

Locally, employers in the Salina region indicate the need for trained workforces in the fields of industrial maintenance mechanics and automaton in their facilities. As the demand increases, the need for technicians is on the rise. Salina Tech can play a key role in helping address the shortages in the trained workforce in these areas.

Kansas Long-term Occupational Projections 2020 to 2030																			
Occupational Code	Occupational Title	Employment		Change in Employment			Openings due to						Total TD		Wages (2)		Education and Training (3)		
		Base Year 2020	Projected Year 2030	Numerical	Percent	Percent Annual	Exits	Exits Annual	Transfers	Transfers Annual	Numerical Change	Numerical Change Annual	Openings	Openings Annual	Annual Mean	Annual Median	Typical Education Needed for Entry	Experience in a Related Occupation	Typical On-the-Job Training Needed to Attain Competency
49-9041	Industrial Machinery Mechanics	5041	5771	730	14.5%	14%	1,862	856	2,300	292	730	73	5,312	531	\$60,800	\$62,130	High school diploma or equivalent	None	Long-term on-the-job training

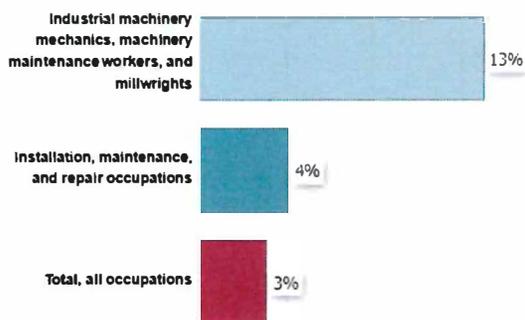
According to the U.S. Labor Bureau of Statistics (<https://www.bls.gov/ooh/installation-maintenance-and-repair/industrial-machinery-mechanics-and-maintenance-workers-and-millwrights.htm#tab-6>), industrial machinery mechanics, machinery maintenance workers are projected to grow 13% from 2022 to 2032 which is must faster than the average for all occupations. There are a projected 49,100 openings each year over the decade. Automated manufacturing machinery is expected to create jobs for workers to maintain the machines in good working order.

Employment projections data for industrial machinery mechanics, machinery maintenance workers, and millwrights, 2022-32

Occupational Title	SOC Code	Employment, 2022	Projected Employment, 2032	Change, 2022-32		Employment by Industry
				Percent	Numeric	
Industrial machinery mechanics, machinery maintenance workers, and millwrights	—	507,900	572,600	13	64,700	—
Industrial machinery mechanics	49-9041	402,200	462,100	15	59,900	Get data

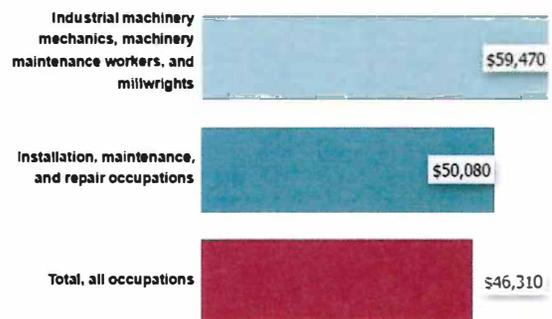
Industrial Machinery Mechanics, Machinery Maintenance Workers, and Millwrights

Percent change in employment, projected 2022-32



Industrial Machinery Mechanics, Machinery Maintenance Workers, and Millwrights

Median annual wages, May 2022



Note: All Occupations includes all occupations in the U.S. Economy.
Source: U.S. Bureau of Labor Statistics. Employment Projections program

Note: All Occupations includes all occupations in the U.S. Economy.
Source: U.S. Bureau of Labor Statistics. Occupational Employment and Wage Statistics

- Show demand from the local community. Provide letters of support from at least three potential employers in your region, which state the specific type of support they will provide to the proposed program. Examples of program supports may include commitments to interview graduates for job positions, providing scholarships, providing internships or other work-based learning opportunities, donation of equipment/materials, assistance with program design, serving on advisory board, etc.



Corporate Office:
Great Plains Mfg., Inc.
1525 E. North St.
P.O. Box 5060
Salina, Kansas, USA
67402-5060

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785-822-5619

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www.greatplainsint.com
www.gpltrucking.com

Great Plains Ag Division
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Salina, Kansas
Product Development:
Assaria, Kansas

Land Pride Division
Administrative Offices:
Salina, Kansas
Product Development:
Salina, Kansas

Great Plains International
Administrative Offices:
Salina, Kansas

Manufacturing Facilities
Abilene, Kansas
Bisworth, Kansas
Enterprise, Kansas
Kipp, Kansas
Lucas, Kansas
Salina, Kansas
Tipton, Kansas

Great Plains Trucking
Salina, Kansas

Construction Equipment Division
Administrative Offices:
Salina, Kansas

A Kubota Company

September 10, 2023

To Whom It May Concern,

I am writing in support of Salina Area Technical College's efforts to start an Industrial Maintenance and Automation (IMA) program. As the Director of Continuous Improvement and Manufacturing Engineering at Great Plains Mfg., I am aware of the need for a structured training program for maintenance and automation technicians. This need is both local as well as across the United States as we are short of well-trained IMA technicians. This program at Salina Area Technical College would help provide high level candidates to help fill the gaps companies have today with trained IMA technicians.

The role of IMA technicians continues to expand as the use of machines and automation is growing every year in manufacturing. IMA technicians are increasingly required to perform general maintenance of the machine as well as setup automation and troubleshoot various issues as they arise.

Great Plains Manufacturing aims to support this endeavor of Salina Area Technical College. We envision the IMA training program will be providing a consistent supply of potential maintenance technician, programmers, and automation technicians which could be candidates to join our team. Additionally, Great Plains Mfg. plans to continue to encourage our engineers and technicians to provide guidance to the IMA technician training program by serving on the program's advisory council.

I strongly urge you to approve the development and implementation of Industrial Maintenance and Automation (IMA) program at Salina Area Technical College. By doing so, we can ensure that IMA technicians are better prepared to meet the needs of local and national manufacturing companies.

Respectfully,

A handwritten signature in black ink that reads "Ashley Estes".

Ashley Estes

Director of Continuous Improvement and Manufacturing Engineering
Great Plains Manufacturing | 1525 E. North St. | Salina, KS 67401



Date: August 18, 2023

To whom it may concern,

I am writing to provide strong support of the proposed Industrial Maintenance and Automation program at Salina Area Technical College.

As you may be aware, there is a significant shortage of workforce candidates with appropriate qualifications in Automation in Kansas. This shortage can lead to decreased ability for our company to produce products at our Salina campus. However, with the implementation of a well-designed training program, we can begin to address this issue and ensure that the company has access to high quality workforce.

The proposed Industrial Maintenance and Automation training program at Salina Area Technical College would prepare students to enter the workforce with the required tools to work in the ever-advancing manufacturing locations throughout the state. This program would create new opportunities for individuals seeking to pursue a career in manufacturing. Thus, Schwan's will continue to happily support the program by serving on the program's advisory council and hiring skilled graduates of the program to fill our technical positions when appropriate.

In conclusion, I strongly support the proposed Industrial Management training program at Salina Area Technical College. It is critical that we invest in the education and training of the workforce candidates to ensure they are better prepared to enter the workplace. I urge you to approve this program and help us address the shortage of Maintenance and Automation technicians in our state and community.

Respectfully,

Christopher Wiseman

Senior Director Manufacturing, Salina Kansas

115 West College Drive
Marshall, MN 56258
www.SchwansCompany.com



August 9, 2023

Dear Jennifer:

On behalf of the Stryten Team I wanted to confirm our continued support for the IMA program. The Stryten Team appreciates our partnership with Salina Tech. Our Team is committed to on-site plant visits, donations, evaluating qualified graduates and hiring interns that meet our employment guidelines. Our plan is to continue serving on the advisory committee; we support Salina Tech.

Thanks Jennifer. If you have any questions, please let me know.

Sincerely,
Hobie Vaughn

Engineering Manager - Stryten Energy

C 573 701 2938

413 E. Berg Road

Salina, KS 67401



- Provide data from the most recent Perkins Comprehensive Local Needs Assessment recommendations, demonstrating the need for the program initiation.

During the last Perkins Comprehensive Local Needs Assessment, it was noted that the manufacturing area was a pathway with too few concentrators for the current job openings. At the time of the needs assessment, the Salina region discussed both the current pathways in the manufacturing area at the secondary level of Power, Structural, & Technical Systems and at the post-secondary level programs of Welding and Machining. During the assessment it was noted that there are far more openings than students currently enrolled in programs to fill the need in the region. The CLNA stated that the Manufacturing pathway is among the Top 5 highest demand in the Salina region, but concentrators-to-annual opening ratio is only 1:179. The region recognized the workforce need that was not currently being met by current training in the area.

#	Pathway Name	Pathway Size	Demand	Wage
		2018 Concentrator Count	Total Annual Openings	Entry-level Annual Wage
32	Manufacturing	6	1,069	\$27,728

Occupational Code	Occupational Title	Career Pathway	Total Openings Annual	Annual Median Wages	Typical Education Needed for Entry
31-1014	Nursing Assistants	Health Science	305	\$24,410	Postsecondary non-degree award
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	Travel & Tourism (not offered in the region)	283	\$23,890	No formal educational credential
25-9041	Teacher Assistants	Teaching/Training	189	\$23,120	Some college, no degree
43-4051	Customer Service Representatives	Marketing	176	\$27,190	High school diploma or equivalent
29-1141	Registered Nurses	Health Science	154	\$53,700	Bachelor's degree
41-1011	First-Line Supervisors of Retail Sales Workers	Marketing	153	\$30,480	High school diploma or equivalent
43-3031	Bookkeeping, Accounting, and Auditing Clerks	Business Finance	152	\$32,970	Some college, no degree
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	Restaurant & Event Management	151	\$26,770	High school diploma or equivalent
51-2092	Team Assemblers	Manufacturing	146	\$32,400	High school diploma or equivalent
49-9071	Maintenance and Repair Workers, General	Manufacturing	133	\$34,060	High school diploma or equivalent
11-1021	General and Operations Managers	Business Management & Entrepreneurship	131	\$77,410	Bachelor's degree
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	Marketing	113	\$49,650	High school diploma or equivalent
43-4171	Receptionists and Information Clerks	Information Support & Services (not offered in the region)	113	\$23,740	High school diploma or equivalent
25-3098	Substitute Teachers	Teaching/Training	106	\$23,640	Bachelor's degree
51-4121	Welders, Cutters, Solderers, and Brazers	Manufacturing	98	\$39,150	High school diploma or equivalent

- Describe/explain any business/industry partnerships specific to the proposed program. If a formal partnership agreement exists, agreement explaining the relationship between partners and documenting support to be provided for the proposed program must be submitted to the Board office independent from the CA1 materials for review purposes. The agreement will not be published or posted during the comment period.

There is currently no formal partnership agreement in place. The advisory council members are working with Salina Tech on possible donations of equipment and supplies for the new building being built for the program.

Duplication of Existing Programs

- Identify similar programs in the state based on CIP code, title, and/or content. For each similar program provide the most recent K-TIP data: name of institution, program title, number of declared majors, number of program graduates, number of graduates exiting the system and employed, and annual median wage for graduates existing the system and employed.

Kansas Board of Regents
 Kansas Training Information Program (K-TIP)
 Program Performance for All Career Clusters / Academic Disciplines
 Assoc/Cert Level
 Academic Year 2022

Academic Discipline	CIP Code	Program Name	Institution	Total # Declared		Total # Pursuing		Total # Graduates		Average Wage		Median Wage	
				Majors	Concentrators	Total #	Additional Education	Total # Graduates	Total # Graduates	Exited and Employed	Graduates Exited and Employed	Graduates Exited and Employed	Graduates Exited and Employed
Manufacturing	47.0303	Industrial Mechanics And Maintenance Technology/Technician	Garden City Community College	16	^	7	^	^	^	^	^	^	^
			Neosho County Community College	^	^	^	^	^	^	^	^	^	^
			Washburn Institute of Technology	45	39	27	14	10	10	\$73,806	\$64,150		
			Wichita State University Campus of Applied Sciences and Technology	38	36	27	5	5	5	\$46,227	\$47,346		

Sources: KHEDS Academic Year Collection, KDOL and MDOLIR Wage Records

^ Indicates a cell has been marked for small-cell protection or no data has been reported.

- Was collaboration with similar programs pursued? Please explain the collaboration attempt, and if not pursued, rationale for why collaboration was not a viable option. (Recommend that collaboration opportunities be explored and documented with existing programs, examples include sharing best practices, recruitment and retention strategies, curriculum, or equipment suggestions, working with business and industry on work-based learning opportunities, etc.)

Although no direct collaboration has taken place, we consulted the college catalog of several Kansas two-year colleges and reviewed their programs to assist in the development of the program. As the faculty is hired for the program, they will be requested to contact similar programs in the state to collaborate on curriculum and best practices.

Program Information

- If the program has undergone the alignment process at the state level, please review alignment requirements and ensure the courses, industry-recognized certifications, and accreditation requirements are met in the proposal. Listing of aligned programs can be found at: https://www.kansasregents.org/workforce_development/program-alignment
- List by prefix, number, title, and catalog description all courses (including prerequisites) to be required or elective in the proposed program.

ELT 108 Blueprint Reading

This course will cover all the symbols and schematics needed for an electrician to correctly install, maintain, and troubleshoot residential, commercial, or industrial wiring, according to plans and electrical equipment.

ELT 107 AC/DC Circuits

This course is an introduction to electrical and electronic components, symbols, and the global language used in electrical and electronics. Students receive computer based, modular training simultaneously with practical experience reading schematic diagrams, constructing circuits, and test procedures of operating characteristics used in AC/ DC circuits. Students will measure frequency and voltages with meters and oscilloscopes and learn about frequency reactive devices.

ELT 210 Industrial Wiring

This course covers all aspects of industrial wiring. Included in this course will be the reading of industrial blueprints, application of knowledge to hands-on applications of industrial wiring techniques, safety, conduit bending and systems, and sizing of feeders and circuits for motor systems.

ELT 220 Motor Control

Students will learn construction and operation of pilot devices, motor starters, control circuits, single-phase, and three-phase motors. Basic motor control circuits are constructed from a schematic or ladder diagram. Students will troubleshoot basic motor control circuits and study current and overload protection for motors.

ELT 225 Programmable Logic Control

This course will cover additional motor control features, such as programmable logic controllers (PLCs), relays, timers, sensing devices, system integration, and preventive maintenance and troubleshooting.

ENV 102 Safety Orientation (OSHA 10)

Through a variety of classroom and/or shop/lab learning and assessment activities, students in this course will: This course provides students with an understanding of current safety regulations, established safety practices, hazard recognition, and the impact of behavior and environment on injury prevention.

IMA 100 Foundations of Manufacturing

Foundations of Manufacturing provides an in-depth introduction to the manufacturing processes found in existing and developing industrial facilities. An overview of current automated manufacturing systems is presented. The five major materials are covered: metals, plastics, ceramics, woods, and composites. Students will be exposed to a variety of equipment used in today's manufacturing facilities.

IMA 110 Industrial Fluid Power

This course examines theory, applications, and operation of industrial fluid power. Students will explore the fundamental concepts and principles of fluid power covering both hydraulic and pneumatic power systems. Topics include fluid power systems, safety and health, fluid power standards and symbols, hydraulic fluid, actuators, accumulators, applying hydraulic power, pneumatic power, compressed air, controlling and applying pneumatic power.

IMA 120 Actuator & Sensor Systems

This course examines types, installation and troubleshooting of industrial actuators and sensors. Contemporary control methods in process control and proportional-integral-derivative (PID) process loops are covered in this course.

IMA 130 Industrial Programmable Logic Controls

This course examines types, installation and troubleshooting of programmable logic controllers (PLC). Hardware and programming aspects, as well as ladder logic symbols and operations necessary to develop a PLC program are covered in this course.

IMA 140 Mechanical Systems

This course provides instruction in basic physics concepts applicable to mechanics of industrial production equipment, teaches basic industrial application of mechanical principles with emphasis on power transmission and specific mechanical components. Students will also design basic mechanical transmission systems using chains, v-belts, and gears.

IMA 150 Industrial Robotics

This course examines types, applications and troubleshooting of industrial robots and subsystems. Included in this course is the programming of industrial robotic control software.

IMA 160 Variable Speed Control

The Variable Speed Control class introduces students to variable speed drives, industrial motors, and other applications of variable speed drives. The class will enable students to wire variable frequency drive devices for motor control systems. Students will learn the fundamentals of variable speed control, AC frequency drives, DC variable speed drives, installation procedures, and ranges.

IMA 170 Mechanical Systems Reliability

This course provides understanding of mechanical energy transmission concepts along with lab experience to operate, install, analyze performance, and design mechanical drive systems using right angle gears, bearings, and couplings. Students learn how to setup and operate laser shaft alignment and apply vibration analysis to various power transmission systems.

IMA 180 Industrial Process Control

This course provides an understanding of different types of process control systems like temperature, flow, and level control. The course includes process control principles, thermocouples, RTD's, temperature measurement devices, ON/Off temperature controlled, programmable process heat controllers, transmitters, process loop test and operate system found in industrial application.

IMA 190 Project Management

The course focuses on planning, controlling and leading projects within several industrial areas. The course also emphasizes projects as an organizational form, the relationship between the project and the organization and the connection between the scope of the project and the overall strategy of the organization. Real-life cases from the industry will be presented and professional project managers from different areas of the area industry will participate.

MAT 101 Technical Math

This is an overview course of mathematics that focuses on technical applications. Topics include basic quantitative problem solving, algebra with technical applications, measurement, proportions, geometry, trigonometry, compound interest payments, and data analysis. This course is designed to provide students with the mathematical background necessary for entering technical career fields.

MTT 230 CNC Operations

Students become acquainted with the history of Numerical Control (NC) and Computer Numerical Control (CNC) machines and will be introduced to a CNC machine used in the precision machining trades.

- Provide a Program of Study/Degree Plan for the proposed program including a semester-by-semester outline that delineates required and elective courses and notes each program exit point.



Industrial Machine Mechanic Program Guide

Technical Education Courses (Cert C)

Fall Semester			Spring Semester		
Fall Semester – Year 1			Spring Semester – Year 1		
Course Title		Credits	Course Title		Credits
ENV 102	Safety Orientation (OSHA 10)	1	ELT 225	Programmable Logic Control	3
IMA 100	Foundations of Manufacturing	3	IMA 110	Industrial Fluid Power	4
ELT 108	Blueprint Reading	2	IMA 120	Actuator & Sensor Systems	3
ELT 107	AC/DC Circuits	4	MTT 230	CNC Operations	3
MAT 101	Technical Math	3			
Total Credits		13	Total Credits		13
Fall Semester – Year 2			Spring Semester – Year 2		
ELT 220	Motor Control	4	IMA 150	Industrial Robotics	3
IMA 130	Industrial Programmable Logic Controls	3	IMA 160	Variable Speed Control	3
IMA 140	Mechanical Systems	3	IMA 170	Mechanical Systems Reliability	3
ELT 210	Industrial Wiring	4	IMA 180	Industrial Process Control	3
			IMA 190	Project Management	1
Total Credits		14	Total Credits		13
Total Technical Certificate Credits					53

Associate of Applied Science Degree

Requirements		Status	Credits
Technical Certificate			
Certificate, Industrial Machine Mechanic			53
General Education Courses			
Written Communications (3 credit hours)			
ENG 100	Technical Writing		3
ENG 101	English Composition I		3
ENG 102	English Composition II		3
Verbal Communications (3 credit hours)			
COM 102	Interpersonal Communication		3
COM 105	Public Speaking		3
Mathematics (3 credit hours)			
MAT 101	Technical Math	Within Program	3
MAT 105	Intermediate Algebra		3
MAT 150	College Algebra		3
Computer Science/Science (3 credit hours)			
CSA 105	Introduction to Computer Applications and Concepts		3
CSA 110	Introduction to Computer Programming		3
Social Sciences, and/or Humanities and Fine Arts (3 credit hours)			
HUM 101	Ethics in the Workplace		3
PSY 101	General Psychology		3
Technical Certificate			53
General Education			12
Total AAS Credits			65

- If the proposed program includes multiple curricula (e.g., pathways, tracks, concentrations, emphases, options, specializations, etc.), identify courses unique to each alternative.
- List any pertinent program accreditation available:
 - Provide a rationale for seeking or not seeking said accreditation.

The college does not plan to seek any program accreditation for the program at this time. The college researched other programs and they also did not have a program specific accreditation. The program will be accredited under the college's Higher Learning Commission accreditation. The college is sending in the application for the program to HLC at the same time as this application.

- If seeking accreditation, also describe the plan to achieve it.
- If the program/coursework will be made available to high school students, provide letters of support from local high schools and/or districts that intend to participate.



September 13, 2023

To Whom It May Concern:

I am writing to offer Salina Public Schools' support of Salina Area Technical College's proposed Industrial Maintenance and Automation Program.

Salina Area Technical College, once a part of Salina Public Schools, continues to provide our high school students with exemplary programming. The Industrial Maintenance and Automation Program is yet another example of such excellence. This exciting program, if approved, will provide high school students with experience on how to operate and maintain machinery, industrial wiring, motor controls, programmable logic controls, industrial fluid power, robotics, and automation concepts. Such skills are crucial and have shown to help our students earn a livable wage in our area.

Salina Public Schools is proud to partner with Salina Area Technical College, along with regional manufacturing companies, to develop an industrial maintenance mechanic and automation workforce that meets our area's business and industry needs.

Thank you for considering this proposal that has the full support of Salina Public Schools.

Sincerely,

A handwritten signature in blue ink that reads 'Curtis Stevens'.

Dr. Curtis Stevens
Director of Secondary Education
Salina Public Schools

Faculty

- Describe faculty qualifications and/or certifications required to teach in the proposed program.

Job title:	Instructor, Industrial Machine Mechanic
Required Qualifications:	<ul style="list-style-type: none"> AAS Degree in the technical field or willingness to get degree plus three (3) year's relevant work experience An industry recognized credential in the technical field
Preferred Qualifications:	<ul style="list-style-type: none"> One year of experience teaching at the technical or community college levels

Cost and Funding for Proposed Program

- Provide a detailed budget narrative that describes all costs associated with the proposed program (physical facilities, equipment, faculty, instructional materials, accreditation, etc.).

In developing this program, the college secured a Department of Commerce matching grant, TC Base grant, and donations from regional manufacturing businesses and private donors to cover the implantation costs of \$4,669,245.31. The largest of these expenditures is the building of the new program building which is set to begin the building process during the Fall of 2023. These costs include:

	Amount	Funding Source
Faculty	109,245.31	TC Base grant, current new program budget
Equipment required for program	\$400,000	Commerce grant, donations
Tools and/or supplies required for the program	\$50,000	Commerce grant, donations
Instructional Supplies and Materials	\$10,000	TC Base grant
Facility requirements, including facility modifications and/or classroom renovations	\$4,000,000	Commerce grant, donations, TC Base grant
Technology and/or Software	\$100,000	Commerce grant, donations, TC Base grant
Total for Implementation Year	\$4,669,245.31	

After the implementation year, the ongoing costs for the program are expected to be approximately \$416,721. These costs will be covered by program tiered tuition and department budget.

- Provide detail on **CA-1a form**.
- Describe any grants (including requirements of the grant) or outside funding sources that will be used for the initial startup of the new program and to sustain the proposed program.

Salina Tech applied for the Kansas Department of Commerce grants to Technical and Community Colleges for some of the initial startup costs for the program. The \$1.84 million grant requires a one-to-one match to receive the full benefit of the ARPA funds. To date the college has received donations of equipment and cash of just over \$1.3 million and a pledge of \$400,000 toward the project. Additional equipment and funds available from the college will be utilized to complete the project build for a new facility. The program will also utilize some of the Technical College base grant of \$1.5 million to provide startup capital for faculty salaries and benefits, equipment, and some construction costs for the facility.

- Additional cost and funding documents to include as needed:**

- Provide Excel in CTE fee details on the **CA-1b form** if the program will be offered to high school students and requesting approval for fees.
- If the program is requesting Perkins funding, provide details on the **CA-1c form**.
- If the program is requesting KS Promise Act eligibility, provide details on the **CA-1d form**.

Program Review and Assessment

- Describe the institution’s program review cycle, and anticipated review timeframe for proposed program.

The college reviews every program annually via its Institutional Dashboard. Each program is individually reviewed by the Board of Trustees every three years. During the program review, the program looks at financial and enrollment (persistence, retention, and graduation) data, certification completion. The program faculty and advisory council evaluate the strengths and weaknesses and areas of growth as part of the review.

Program Approval at the Institution Level

- Provide copies of the minutes at which the new program was approved from the following groups:
 - Program Advisory Committee
(Including a list of the business and industry members)

First Name	Last Name	Business
Chad	Westbrook	Agco
Christian	Arceo	Matcor Metal Fabrication
Randy	Galle	Bergkamp, Inc
Justin	Ryan	KASA
Nick	Rodena	Schwan’s
Jeff	Thompson	Schwan’s
Ravi	Vijayan	Great Plains
Will	Exline	Exline
Eric	Wicker	Viega LLC
Dave	Cox	MaiCo Industries
Anna	Olson	Sunbelt Solomon
Kasie	Cook	Sunbelt Solomon
Derek	Cooper	Vortex
Mike	Martin	Stryten Energy
Jeremiah	Atkinson	Stryten Energy
Seth	Miller	Stryten Energy
Hobie	Vaughn	Stryten Energy
Andrew	Bell	Grain Belt Supply Company
Jeremiah	Davis	Pfizer Inc.
DeLoss	Duloherly	SATC Machining & Manufacturing Technology
Brett	Hillegeist	SATC Electrical Technology
Greg	Rose	SATC Electrical Technology
Eric	Vannoy	SATC Welding Technology
Jennifer	Callis	SATC Vice President of Instruction
Greg	Nichols	SATC President



Industrial Machine Mechanic Advisory Board Meeting

Agenda

Date/Time: Tuesday, February 14 at 12:00 pm
Location: Salina Tech, 2562 Centennial Rd., Bldg. A, A131
Zoom link: <https://zoom.us/j/96555257977> Meeting ID: 965 5525 7977

Members present: Chad Westbrook, Christian Arceo, Randy Galle, Justin Ryan, Jeff Thompson, Ravi Vijayan, Derek Cooper, Jessica Ehrlich, Jeremiah Atkinson, Seth Miller, Hobie Vaughn, Andrew Bell, Jeremiah Davis, Greg Nichols, Jennifer Callis

1. Welcome and Introductions.
President Nichols welcomed the council to the advisory council. He explained the program the IMA program the college is interested in starting. The council members discussed their current need for a workforce that is trained in industrial maintenance and automation fields. The council discussed the process of developing a program and what would be needed from the advisory council to be able to accomplish it.
2. Program focus and need.
The council discussed the individual needs of each manufacturing facility present. Discussed the need to have employees who are trained to maintain and repair equipment along with preventative maintenance. Jennifer discussed the state's two aligned programs in Industrial Maintenance Mechanic and Automation Engineering Technology. The council outlined areas of need as PLCs, electrical system troubleshooting, early troubleshooting, schematics, robotics machining, programming, communication, mechatronics, and project management.
3. Program courses/layout.
The council reviewed similar programs and their courses in the state. The council reviewed the courses aligned to the program at the state level and discussed what the curriculum would be in the courses. Discussed the need for an Introduction to Machining/Manufacturing type course. Employees would need to know how to use a machine on a basic level to be able to fix it and recognize it is not working correctly. The council reviewed current college courses that align to the curriculum needs of the program. The council outlined a draft of the courses and layout of the program. The council suggested looking at Semans, Alan Bradley, Cognix, and HMI.
4. Building and equipment needs.
President Nichols outlined the need to building a new building to have the program. He discussed the Department of Commerce grant that would be used to building the IMA building. The school would still seek donations of equipment and private donors to be able to purchase equipment. The council discussed the equipment needed to run the program. The President and the Executive Director of Foundation will be meeting with the council members to start developing a list of equipment needs and accepting donations.
5. Timeline.
Jennifer discussed the process to develop the program. Using the advisory council's recommendations and guidance, the program's curriculum will be outlined. Once approved it will

be sent to Academic Affairs for approval, then to the Board of Trustees for approval. From there the program application will be sent to the Kansas Board of Regents and our accreditation agency, HLC. The college is aiming to start the program August 2024 depending on building completion.

6. Next Steps.

Jennifer will use today’s notes and develop a draft program guide and course outcomes to review at the next council meeting. The advisory council members will contact Jennifer or Greg will any additional equipment or course information regarding the program



Industrial Machine Mechanic
Advisory Board Meeting

Agenda

Date/Time: Tuesday, July 25, 2023 at 11:00 am
 Location: Salina Tech, 2562 Centennial Rd., Bldg. A, A131
 Zoom link: <https://zoom.us/j/96555257977> Meeting ID: 965 5525 7977

Members present: Jeff Thompson, Ravi Vijayan, Jeremiah Davis, Derek Cooper, Jessica Ehrlich, Jeremiah Atkinson, Mike Martin, DeLoss Dulohery, Jennifer Callis

1. Welcome and lunch.

Jennifer welcomed the council back and thanked them for the feedback at the last meeting and since. The college has received several donations of equipment from the council. Jennifer updated the council on the building plans.

2. Program update

- Program Layout—Jennifer shared the program layout and courses outlined at the spring meeting. The council discussed what would be included in each course. The council discussed that the program would be a Technical Certificate C and have the option to complete an Associate of Applied Science degree.

Technical Education Courses (Cert C)

Fall Semester			Spring Semester		
Fall Semester – Year 1			Spring Semester – Year 1		
Course Title		Credits	Course Title		Credits
ENV 102	Safety Orientation (OSHA 10)	1	ELT 225	Programmable Logic Control	3
IMA 100	Foundations of Manufacturing	3	IMA 110	Hydraulics	4
ELT 108	Blueprint Reading	2	IMA 120	Actuator & Sensor Systems	3
ELT 107	AC/DC Circuits	4	MTT 230	CNC Operations	3
MAT 101	Technical Math	3			
		Total Credits			Total Credits
		13			13
Fall Semester – Year 2			Spring Semester – Year 2		
Course Title		Credits	Course Title		Credits
ELT 220	Motor Control	4	IMA 150	Industrial Robotics	3
IMA 130	Industrial Programmable Logic Controls	3	IMA 160	Variable Speed Control	3
IMA 140	Mechanical Systems	3	IMA 170	Mechanical Systems Reliability	3
ELT 210	Industrial Wiring	4	IMA 180	Industrial Process Control	3
			IMA 190	Project Management	1
		Total Credits			Total Credits
		14			13
					Total Technical Certificate Credits
					53

- **Course descriptions and outcomes**—The council reviewed the course descriptions and outcomes for each course. All courses with a prefix not IMA are existing courses in other programs at the college. All courses with the IMA prefix is a new course being developed for the program. The council discussed possible end of program certification options. While going through the courses, the council provided feedback on local training specific needs that would be added to the courses.
- **Next steps**—The council approved the layout, courses, and outcomes for the program. Jennifer will take the program to Academic Affairs for approval. Once Academic Affairs approve the program, President Nichols will bring it to the Board of Trustees for approval.

3. Foundation update

- **Donations received currently**—Jennifer shared with the college the current donations of equipment and funds received. The Executive Director of the Foundation provided printouts from Purple Wave of donations and appraisal values. The council discussed possible additional equipment they would be able to donate to the program. Jennifer shared that the college is working with a private donor on a matching donation of \$400,000.
- **Building and equipment needs**—The council will continue to provide feedback to the college on equipment needs and donations.

- Curriculum Committee



Academic Affairs Committee

Minutes

Date: Friday, August 11, 2023
Time: 1:00 pm
Location: A-218

Voting Members present: Denise Hoeffner, Cassie McManigal, Callie Robinson, Laurel Richardson, Richard Fairchild, Brian Hitchens, Eric Vannoy, Cindy Carter, James Knapp
Absent: Sara Fisher, Kathleen Hardesty

Non-voting members Present: Melissa Farmer, Ryan Weber, Michelle Post, Erica Kruckenberg, Jennifer Callis
Absent: Barb Becker-Clark, Emily Ingalls

The meeting was called to order by chair James Knapp at 1:00 pm

- 1) Approval of 08/11/23 agenda Brian Hitchens moved to approve the agenda. Eric Vannoy seconded. Motion passed.
- 2) Approval of minutes from 05/08/23 Richard Fairchild moved to approve the minutes. Brian Hitchens seconded. Motion passed.
- 3) Approval of minutes from 04/10/23 Richard Fairchild moved to approve the minutes. Brian Hitchens seconded. Motion passed.

4) New Course Approval:

- IMA 100 Foundations of Manufacturing
- IMA 110 Industrial Fluid Power
- IMA 120 Actuator & Sensor Systems
- IMA 130 Industrial Programmable Logic Controls
- IMA 140 Mechanical Systems
- IMA 150 Industrial Robotics
- IMA 160 Variable Speed Control
- IMA 170 Mechanical Systems Reliability
- IMA 180 Industrial Process Control
- IMA 190 Project Management
- WEL 117 Welding Inspection and Qualifications
- WEL 128 Welding Metallurgy

Approval of IMA courses Eric Vannoy moved to approve the IMA courses. Callie Robinson seconded. Motion passed. The Welding courses will most likely start in the spring semester. These courses can be used as electives and aligned with Hutchinson Community College and Johnson County Community College. Approval of WEL courses. Brian Hitchens moved to approve the WEL courses. Richard Fairchild seconded. Motion passed.

- 5) Industrial Maintenance and Automation Program approval: this will be a 2-year program with some classes starting as early as fall 2024. The Associate degree will be 65 credits and Technical Certificate will be 53 Credit. Advisory board has already established and started. Cassie McManigal moved to approve Industrial Maintenance and Automation Program. Laural Richardson seconded. Motion passed.
- 6) Meeting day and time: We try to do meetings about once a month, skipping September. The only suggestion made was Mondays at any time. James Knapp noted that Football and classes in the afternoon conflict all days of the week for him. Committee moved for 10:45am on Mondays, first one will be Monday the 9th: second Monday of the month.
- 7) New Business: Sending out ballots to select a voting staff member for our committee. The AAC policy designates that an ex-officio member cannot fill this role. Jennifer will send this out. We also have one or two faculty spots that have opened to be filled but are not required.
- 8) Adjournment: 1:30 pm Brian Hitchens moved to adjourn meeting. Cassie McManigal seconded. Motion passed.

- o **Governing Board**
(Including a list of all Board members and indicate those in attendance at the approval meeting)

**S. ALNAREA TECHNICAL COLLEGE
BOARD OF TRUSTEES REGULAR MEETING MINUTES
August 28th, 2023**

Call to Order	The Board of Trustees of Salina Area Technical College met Monday, August 28th at 5:30 p.m. in the Goode Learning Resources Center, with the following members present: Brian Blackwood, Mike McCall, Jeff Montgomery, John Smith, Mark Wentzel (in person), Brent Campbell, Serena Helvey (over Zoom). Others present: President Greg Nichols, VP of Administration Jamie Palenske, VP of Student Services Erica Kruckenberg, Foundation Director Brenda Gutierrez, Board Clerk Mike Strand, Travis Sanders from NexTech, Mike Davis from ISG.
Approval of Agenda	President Nichols said the agenda needed to be modified to include the addition of an IT services contract to the Network Firewall Renewal action item. Motion by Jeff Montgomery, second by John Smith, to approve the agenda as modified. Motion passed 7-0.
Public Comment	None.
Consent Agenda	Motion by Jeff Montgomery, second by Brian Blackwood, to approve the Consent Agenda, including the Minutes of the July 2023 Regular Meeting and the hiring of Brandon Clintsman as a Diesel Technician and Brent Martin as a full-time Custodian. Motion passed 7-0. [VP of Instruction Jennifer Callis joined the meeting by Zoom]
Monitoring Reports	Monthly Financial Report: President Nichols presented the monthly financial report. Graduate Placement and Student Success Data: VP of Instruction Jennifer Callis displayed information from the Kansas Higher Education Statistics website to show the board information on the college's graduation rate, student success index, job placement and wage data, compared to other colleges in the state. [VP of Instruction Jennifer Callis left the meeting]
Action Agenda	Firewall and IT Services Renewal: After questioning representatives of both bidders (ISG and NexTech in separate sessions, board members wanted additional information before making a decision. Individual board members will send their questions to President Nichols, who will contact the bidders for answers. Motion to table by John Smith, second by Jeff Montgomery. Motion passed 7-0. Natural Gas Contract: Motion by Brian Blackwood, second by John Smith, to sign a one-year gas contract with Constellation Energy. Motion passed 7-0. New Program: Industrial Maintenance and Automation: President Nichols said that although the Board had approved creation of the program, this approval was also required before sending it to the Kansas Board of Regents and the Higher Learning Commission for their approval. Motion by Jeff Montgomery, second by Brian Blackwood to approve. Motion passed 7-0 AV Equipment and Services for IMA Building: President Nichols reviewed the proposal from SKC Communications with the board. Mike McCall said he had worked with the company on AV equipment for the new KU School of Medicine downtown, and had hoped to have at least one more bid turned in by the time of the meeting for comparison. Motion to table by Mark Wentzel, second by John Smith. Motion passed 7-0.

- Informational Items:** **President's Report:** President Nichols told the board:
- The Dane G. Hansen Foundation has provided \$90,550 for the medical scholarship program for FY24 which intends to provide \$100,000 in scholarships to 28 students this year.
- The Pestinger family has again contributed to building up Salina Tech. Through their business ventures in Stinger Ventures, LLC., Pestinger Enterprises, LLC., and Pestinger Heating and Air Conditioning, Inc. Tom, Nancy, Dustin, Tara, and Suni are great supporters of the college. Each entity provided \$50,000 toward the capital outlay tax credit program.
- Additional thanks to Blue Beacon, Inc. for a \$10,000 contribution, DesignPlast, Inc. for a \$2,500 contribution, Greg Goode - \$1,000, Shellee Callahan - \$1,500, Mukesh Patel - \$500, and Robert Perney - \$2,000. These contributions are added to the \$35,050 from 2022 for over \$200,000 raised toward the IMA building from the capital outlay tax credit.
- Salina Regional Health Center Foundation has donated \$150,000 toward the Salina Regional Health Center Endowed Fund to support nursing, allied health, and other healthcare programs. The \$150,000 shall provide the full portion of the challenge grant issued by the Dane G. Hansen Foundation to bolster the endowment at the SATC Education Foundation.
- Pioneer Village Foundation is the owner of a billboard west of Salina along I-70 at mile marker 208.2, in Ellsworth County, who is selling and wanted me to let the board know the availability of the sign purchase. They are seeking \$15,000 for the billboard. The land is leased and has an \$800 per year lease option.
- KBOR/TEA**
Upon approval by the BOT, Mrs. Callis will submit the application for IMA. The college has been asked to document the planned use of funds from the \$1.5 million base operating grant, the IT and cybersecurity grant, and the grant for registered apprenticeships to KBOR for the legislative report by the September KBOR meeting.
- HLC**
The requests for Distance Learning – all programs and Pharmacy Technology were approved by the panels and await the LAC approval.
The HLC committee continues to meet this year with a main goal of deciding criterion team membership and team leaders for each criterion.
- College**
The start of the year has filled the parking lots and classrooms. We are using A131 regularly now as a classroom due to the large PN and ADN enrollments. Enrollment in the campus programs have exceeded what the numbers were last year overall and concurrent enrollments are anticipated to be up also. It is great work by great people that keep us growing.
- Executive Session** President Nichols told the board that the faculty have not yet completed voting on the latest contract offer, so there was no need for an Executive Session.
- Adjournment** Motion by John Smith, second by Mark Wentzel, to adjourn. Motion passed 7-0. Meeting adjourned at 9:05 p.m.

Board of Trustees Members

- Mike McCall, Chair
- Brian Blackwood, Vice-Chair
- Stephanie Cooke
- Brent Campbell
- Serena Helvey
- Darien Henderson
- Jeff Montgomery
- John Smith
- Mark Wentzel

Program Proposal Submission

- Please enter proposed program into the Kansas Higher Education Data System (KHEDS)
- Please create a PDF of all documents, and submit the completed application to the following:

April Henry
Director of Workforce Development
ahenry@ksbor.org

Charmine Chambers
Associate Director for Workforce Development/Data/Finance
cchambers@ksbor.org

KBOR Fiscal Summary for Proposed Academic Programs

CA-1a Form (2020)

Institution: Salina Area Technical College
 Proposed Program: Industrial Machine Mechanic

<u>IMPLEMENTATION COSTS</u>					
Part I. Anticipated Enrollment			Implementation Year		
Please state how many students/credit hours are expected during the initial year of the program?					
			Full-Time	Part-Time	
A. Headcount:			0	12	
Part II. Initial Budget			Implementation Year		
A. Faculty			Existing:	New:	Funding Source:
Full-time	#1	\$	\$90,430.25		TC Base grant
Part-time/Adjunct	#1	\$18,815.06	\$		Current budget
		Amount	Funding Source		
B. Equipment required for program		\$400,000	Commerce grant, donations		
C. Tools and/or supplies required for the program		\$50,000	Commerce grant, donations		
D. Instructional Supplies and Materials		\$10,000	TC Base grant		
E. Facility requirements, including facility modifications and/or classroom renovations		\$4,000,000	Commerce grant, donations, TC Base grant		
F. Technology and/or Software		\$100,000	Commerce grant, donations, TC Base grant		
G. Other <i>(Please identify; add lines as required)</i>					
Total for Implementation Year		\$4,669,245.31			
<u>PROGRAM SUSTAINABILITY COSTS (Second and Third Years)</u>					
Part I. Program Enrollment			Second and Third Years		
Please state how many students/credit hours are expected during the first two years of the program?					
			Full-Time	Part-Time	
A. Headcount:			15	30	
Part II. Ongoing Program Costs			First Two Years		
A. Faculty			Existing:	New:	Funding Source:
Full-time	#2	\$180,860.50	\$180,860.50		Tuition, Tiered funding
Part-time	#	\$	\$		
		Amount	Funding Source		
B. Equipment required for program		\$30,000	Program budget		
C. Tools and/or supplies required for the program		\$20,000	Program budget		
D. Instructional Supplies and Materials		\$5,000	Program budget		
E. Facility requirements, including facility modifications and/or classroom renovations		\$0			
F. Technology and/or Software		\$0			
G. Other <i>(Please identify; add lines as required)</i>					
Total for Program Sustainability		\$416,721			

KBOR Fiscal Summary for Proposed Academic Programs

CA-1a Form (2020)

Please indicate any additional support and/or funding for the proposed program:

Submit the completed application and supporting documents to the following:

Director of Workforce Development
Kansas Board of Regents
1000 SW Jackson St., Suite 520
Topeka, Kansas 66612-1368

KBOR Excel in CTE Fee Summary for Proposed Academic Programs
CA-1b Form (2020)

Per statute (K.S.A. 72-3810), the Kansas Board of Regents shall establish general guidelines for tuition and fee schedules in career technical education courses and programs. The Excel in CTE tuition and fee schedule of every technical education program shall be subject to annual approval.
*Please include all costs charged to **high school students** for the proposed new program.*

Institution Name:	Salina Area Technical College
Program Title:	Industrial Machine Mechanic
Program CIP Code:	47.0303

<i>Please list all fees associated with this program: Only list costs the institution is charging students.</i>		
Fee	Short Description	Amount
Uniform	Program uniforms	\$ 120.00
Tool	Program tools	\$ 1,000.00
Book	Textbook	\$ 250.00

<i>Please list all courses within the program and any fees associated to those courses : Only list costs the institution is charging students. Do not duplicate expenses.</i>		
Course ID	Short Description	Amount
ENV 102	Safety Orientation (OSHA 10)	\$ 60.00

<i>Please list items the student will need to purchase on their own for this program: Institution is not charging students these costs, rather students are expected to have these items for the program.</i>		
Item	Short Description	Estimated Amount

Kansas Promise Eligibility Request Form

CA-1d Form (2022)

This application should be used for new programs (currently in the program approval process) or existing programs the institution would like reviewed for Kansas Promise eligibility.

Program Eligibility

Per statutory language (Section 28), a “promise eligible program” means any two-year associate degree program or career and technical education certificate or stand-alone program offered by an eligible postsecondary educational institution that is:

- 1) approved by the Board of Regents;
- 2) high wage, high demand or critical need; and
- 3) identified as a “promise eligible program” by the Board of Regents pursuant to [K.S.A. 2021 Supp. 74-32,272](#):
 - Information Technology and Security
 - Mental and Physical Healthcare
 - Advanced Manufacturing and Building Trades
 - Early Childhood Education and Development

Section 29 (9d), states that the Board of Regents may designate an associate degree transfer program as an eligible program only if such program is included in:

- 1) An established 2+2 agreement with a Kansas four-year postsecondary education institution; or
- 2) An articulation agreement with a Kansas four-year postsecondary educational institution and is part of an established degree pathway that allows a student to transfer at least 60 credit hours from the eligible postsecondary educational institution to a four-year postsecondary education institution for the completion of an additional 60 credit hours toward a bachelor’s degree.

Section 30 states an eligible postsecondary educational institution may designate an additional field of study to meet local employment needs if the promise eligible programs within this field are two-year associate degree programs or career and technical education certificate or stand-alone programs approved by the Board of Regents that correspond to jobs that are high wage, high demand, or critical need in the community from one of the following fields:

- 1) Agriculture;
- 2) Food and Natural Resources;
- 3) Education and Training;
- 4) Law, Public Safety, Corrections, and Security; or
- 5) Distribution and Logistics

Name of Institution	Salina Area Technical College
Name, title, and email of person responsible for Academic program	Jennifer Callis, Vice President of Instruction 785-309-3120 jennifer.callis@salinatech.edu
Name, title, and email of Financial Aid contact	Rachael Galvan, Financial Aid Coordinator 785-309-3147 rachael.galvan@salinatech.edu

Kansas Promise Eligibility Request Form

CA-1d Form (2022)

Information Technology and Security				
CIP Code	Program Name	High Wage, High Demand, or Critical Need	Type of Award (AAS, AA, AS, AGS, Certificate)	Scholarship Effective Date

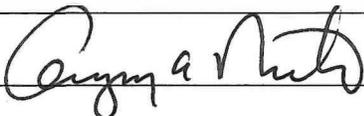
Mental and Physical Healthcare				
CIP Code	Program Name	High Wage, High Demand, or Critical Need	Type of Award (AAS, AA, AS, AGS, Certificate)	Scholarship Effective Date

Advanced Manufacturing and Building Trades				
CIP Code	Program Name	High Wage, High Demand, or Critical Need	Type of Award (AAS, AA, AS, AGS, Certificate)	Scholarship Effective Date
47.0303	Industrial Machine Mechanic	High Wage, High Demand	Certificate C AAS	August 2024

Early Childhood Education and Development				
CIP Code	Program Name	High Wage, High Demand, or Critical Need	Type of Award (AAS, AA, AS, AGS, Certificate)	Scholarship Effective Date

College Designated Field of Study:				
CIP Code	Program Name	High Wage, High Demand, or Critical Need	Type of Award (AAS, AA, AS, AGS, Certificate)	Scholarship Effective Date

**If any programs are claiming “critical need” status, please provide supporting documentation:

Signature of College Official  Date 14 Sept 2023

Signature of KBOR Official _____ Date _____

Special Note to Kansas Independent Colleges:

Please carbon copy the KICA contact below when submitting this application to the Kansas Board of Regent office:

Matt Lindsey, President KICA
matt@kscolleges.org

Carl D. Perkins Funding Eligibility Request Form

Strengthening Career and Technical Education for the 21st Century Act

CA-1c Form (2022)

This application should be used for new programs (currently in the program approval process) or existing programs the institution would like reviewed for Carl D. Perkins funding eligibility.

Program Eligibility

Any program receiving Perkins funds must be designated as a technical program by KBOR. Definition of a technical program may be found in state statute K.S.A. 72-1802.

Program Levels:

Educational Award Level	Credit Hours
SAPP	1-15
Certificate A	16-29
Certificate B	30-44
Certificate C	45-59
Associate of Applied Science	60-69

Stand-Alone Parent Program (SAPP) criteria:

1. Designated as “Technical Program” in KHEDS
2. Leads to an industry-recognized credential
3. Leads to a specific occupation
4. Addressed and evaluated in the Comprehensive Local Needs Assessment
5. Minimum 6 concentrators (average over the previous two academic years)
6. Instructor/Trainer/Teacher programs and Workforce AID programs are not eligible

Certificates and Associate of Applied Science (CERT and AAS) criteria:

1. Designated as “Technical Program” in KHEDS
2. Aligned at the state level (for select aligned programs). Visit the program alignment section of the KBOR website for the list of aligned programs at the state level.
3. Addressed and evaluated in the Comprehensive Local Needs Assessment
4. Minimum 6 concentrators (average over the previous two academic years)
5. Instructor/Trainer/Teacher programs and Workforce AID programs are not eligible

Carl D. Perkins Funding Eligibility Request Form

Strengthening Career and Technical Education for the 21st Century Act

CA-1c Form (2022)

Name of Institution	Salina Area Technical College
Name, title, phone, and email of person submitting the Perkins Eligibility application <i>(contact person for the approval process)</i>	Jennifer Callis, Vice President of Instruction 785-309-3120 jennifer.callis@salinatech.edu
Name, title, phone, and email of the Perkins Coordinator	Jennifer Callis, Vice President of Instruction 785-309-3120 jennifer.callis@salinatech.edu
Program Name	Industrial Machine Mechanic
Program CIP Code	47.0303
Educational award levels <u>and</u> credit hours for the proposed request(s)	Technical Certificate C – 53 credits Associate of Applied Science – 65 credits
Number of concentrators for the educational level	Year 1—12 part-time Year 2—15 full-time, and 30 part-time
Does the program meet program alignment?	Yes, the program meets program alignment for the Industrial Machine Mechanic state aligned program.
How does the needs assessment address the occupation and the program <i>(provide page number/section number from the CLNA and describe the need for the program)</i>	During the last Perkins Comprehensive Local Needs Assessment, it was noted that the manufacturing area was a pathway with too few concentrators for the current job openings. At the time of the needs assessment, the Salina region discussed both the current pathways in the manufacturing area at the secondary level of Power, Structural, & Technical Systems and at the post-secondary level programs of Welding and Machining. During the assessment it was noted that there are far more openings than students currently enrolled in programs to fill the need in the region. The CLNA stated that the Manufacturing pathway is among the Top 5 highest demand in the Salina region, but concentrators-to-annual opening ratio is only 1:179. The region recognized the workforce need that was not currently being met by current training in the area.

