New Program Request Form
CA1

General Information

Institution submitting proposal	Wichita State University Campus of Applied Sciences and Technology
Name, title, phone, and email of person submitting the application (*contact person for the approval process)*	Dr. Jennifer Seymour Vice President of General Education & Applied Technologies Jseymour2@wstech.edu 316.677.1695
Identify the person responsible for oversight of the proposed program	Jessi Lane Dean, Applied Technologies
Title of proposed program	Masonry Construction
Standard Occupation Code (SOC) associated to the proposed CIP code	47-2021
SOC description including title and job description (from onetonline.org)	Brick masons and Block masons: Lay and bind building materials, such as brick, structural tile, concrete block, cinder block, glass block, and terra-cotta block, with mortar and other substances, to construct or repair walls, partitions, arches, sewers, and other structures.
Proposed suggested Classification of Instructional Program (CIP) Code	46.0101
CIP code description including Title and Definition (from nces.ed.gov/ipeds)	Mason/Masonry: A program that prepares individuals to apply technical knowledge and skills in the laying and/or setting of exterior brick, concrete block, hard tile, marble and related materials, using trowels, levels, hammers, chisels, and other hand tools. Includes instruction in technical mathematics, blueprint reading, structural masonry, decorative masonry, foundations, reinforcement, mortar preparation, cutting and finishing, and applicable codes and standards.
Method of program delivery (face to face, online, hybrid)	Face to Face Hybrid
Number of credits for the degree and for each certificate requested	AAS – 60 credits Certificate B – 38 credits
Proposed Date of Initiation	Fall 2026
Specialty program accrediting agency	N/A

Industry-recognized certification(s) to be earned by students	NCCER Masonry – Level 1 - 3
Number of projected enrollments 1st year	Year 1: 10
	Year 2: 10
	Year 3: 10

Signature of College Official_  _____ Date_12/5/2025_

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).

Program Rationale

- Provide an overall explanation and background surrounding the development of the proposed program. Include
  - how the institution identified the need in the occupation for which the training is being developed,
  - where the idea to offer the program came from,
  - include business and industry partners that requested the program be offered, and
  - who was involved in the development of the program

The Southeast Kansas Career and Technical Education Center (SEK CTEC) in Crawford County, Kansas, is a 501(c)(3) nonprofit training facility supported by local businesses and industry partners. It provides vital technical education and workforce training to meet regional employment needs.

College credit for SEK CTEC programs has historically been awarded through a partnership with Fort Scott Community College, the degree-granting institution for both adult learners and dual-credit high school students. By mutual agreement, SEK CTEC and Fort Scott Community College concluded their partnership at the end of the 2024–2025 academic year.

To ensure uninterrupted access to technical education for the approximately 200 students served each semester, the SEK CTEC Board of Directors requested support from Wichita State University Campus of Applied Sciences and Technology (WSU Tech). Following consultation with the WSU Tech Board of Trustees and leadership, as well as leadership from Pittsburg State University **(Appendix A – Pitt State MOU**), WSU Tech agreed to establish a new partnership with SEK CTEC beginning in August 2025.

In preparation for this transition, WSU Tech received temporary approval from the Kansas Board of Regents (KBOR) to adjust its Construction Technology curriculum to include a Masonry track (**Appendix B).** This allowed students previously enrolled through Fort Scott Community College to continue their studies without interruption while maintaining degree progression. All students were formally transferred to WSU Tech in August 2025, and new students have since been enrolled under the college's management.

With the transition now complete, WSU Tech is proposing to establish a stand-alone Masonry Construction program, offering both a Technical Certificate (CERT B) and an Associate of Applied Science (AAS) degree.

Concurrently, the Construction Technology program is being revised to remove the masonry coursework that was temporarily integrated during AY 25.26. This revision restores Construction Technology to its original focus on general construction trades while positioning the new Masonry Construction program as an independent pathway designed to meet regional workforce demand.

This proposal formalizes WSU Tech's ongoing commitment to providing high-quality, industry-aligned technical education and ensures continued access to masonry training opportunities for students in Southeast Kansas.

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

Fort Scott Community College is currently the only institution in Kansas authorized to offer Masonry Construction (CIP Code 46.0101). According to the most recent K-TIP report, 13 students declared Masonry as their major, with 9 graduates, to meet a statewide demand of more than 50 open positions annually through 2032 (Kansas Long-Term Occupational Outlook 2022–2032). The occupation code appears in the

2025 High Demand High Wage Occupational Demand report under the category of high wage for Kanas ranking at 373 and high wage for Southeast Kansas ranking 333.

The conclusion of the partnership between SEK CTEC and Fort Scott Community College created a substantial service gap for students and regional employers who rely on a skilled masonry workforce. WSU Tech has been temporarily addressing this gap by incorporating masonry coursework within the Construction Technology degree program pending approval of a stand-alone Masonry Construction program.

Program Description and Requirements

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

The Masonry Technology program prepares students for careers in the construction industry as skilled brick masons and block masons. Students gain hands-on experience in the layout, construction, and repair of structures using brick, block, and stone materials, while learning to read blueprints, mix and apply mortar, and safely operate industry-standard tools and equipment.

- Apply safety standards and jobsite procedures to maintain compliance with OSHA and industry expectations in all phases of masonry work.
- Interpret construction drawings, specifications, and codes to plan and execute masonry projects accurately.
- Select, prepare, and maintain masonry tools, materials, and equipment for proper and efficient use in the field.
- Mix, test, and apply mortar, grout, and reinforcement materials to achieve required strength and finish quality.
- Lay and align masonry units using appropriate bonding, leveling, and spacing techniques for structural and decorative applications.
- Construct structural and specialty masonry systems such as walls, arches, openings, and veneers according to trade standards.
- Perform inspection and quality assurance checks to ensure dimensional accuracy, surface finish, and code compliance.
- Estimate material quantities and labor requirements for residential and commercial masonry projects.
- Communication - The student will demonstrate the ability to communicate effectively using written and/or oral communication.
- Information Literacy - The student will recognize when information is needed and have the ability to locate, evaluate, and use effectively the needed information.
- Problem Solving - The student will demonstrate the ability to analyze information and solve problems.
- Workplace Skills - Demonstrates a mastery of workplace skills/soft skills, exhibits initiative, adapts to varied situations

- Include any work-based learning requirements of the program, such as clinicals, internships, apprenticeships etc. If clinical experience or apprenticeship is required for the occupation; please identify whether sufficient clinical sites are available, or how the institution is partnering with business and industry to ensure sufficient apprenticeship spaces are available.
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Our business and industry partners have expressed their willingness to provide work-based learning opportunities for students (**see Appendix C**). As enrollment grows—particularly among adult learners—we will review the curriculum with the full IAT and determine how best to revise and integrate these opportunities into the program.

List and describe the admission and graduation requirements for the proposed program.

Admission Requirements:

- The requirements for admission to the Masonry Construction program are:
- Attainment of 16 or more years of age or attainment of junior status.

- Completion of application and related procedures.

Program Requirements

- 38 semester credits for technical certificate 60 semester credits for the associate applied sciences degree with an overall GPA of 2.0 or higher.
- A grade of C or better in all technical courses and foundation general education courses in composition, math and communication.
- At least 25 percent of credits must be earned at WSU Tech.
- Recommendation for graduation by the Registrar.

Graduation Requirements

To be awarded an AAS degree or technical certificate, students must pass all required coursework, submit required transcripts for transfer credit and meet all academic, financial, or other obligations required for their program of study. To be eligible for graduation, students must have an overall GPA of at least 2.0. WSU Tech urges students to continuously monitor their educational progress. Before the final semester or registration period, students should meet with an Academic Advisor to ensure all requirements will be finished before the anticipated graduation date.

Demand for the Program in Kansas

- 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 job openings,
    - estimated annual median wages, and
    - typical education level needed for entry
  - Labor information included should show demand in Kansas in the occupation *for the specific level of education being proposed for the program*.
  - Please utilize the following format to indicate the job postings (and wage/salary) in Kansas which correspond to each educational level being proposed for the new program:

Education level proposed	Data Source utilized – include only Kansas data	# of job openings corresponding to the level of education	Hourly wage/annual salary for jobs for each level of education
AAS (60-68 CH)	Kansas Long Term Occupational Projections 2022-2032 Kansas 2025 Occupational Employment Demand: High Demand, Emerging Demand, High Wage Occupations	54	52,420 56,910
CERTC (45-59 CH)			
CERT B (30-44 CH)	Kansas Long Term Occupational Projections 2022-2032 Kansas 2025 Occupational Employment Demand: High Demand, Emerging Demand, High Wage Occupations	54	52,420 56,910
CERTA (16-29 CH)			
SAPP (less than 15 CH)			

  - Include additional data demonstrating local and regional employer demand in Kansas 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 to show demand in Kansas. Job posting data (cite resource used and date of review) and projected hiring needs for employers

(documented in employer letters of support) in Kansas are examples of additional labor data documentation.

According to Lightcast Q4 2025 data, the metropolitan statistical area encompassing south-central and southeast Kansas reported 925 positions associated with this occupation code in 2024. Between January 2024 and September 2025, 18 employers posted a total of 69 job openings, reflecting steady demand across the region. The same dataset indicates an average of 21 hires per month within this occupational category, underscoring a consistent need for skilled workers in masonry and related construction trades.

The 2022-2023 Kansas Department of Labor's Long-Term Occupational Outlook and the Kansas -2025 Occupational Employment Demand (Indicators for High Demand, Emerging Demand, High Wage Occupations) reports confirms that the minimum education requirement remains a high school diploma or equivalent, making it accessible to those pursuing postsecondary training or technical certificates, aligning well with a two-year technical college program.

- 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. Additional support letters from other organizations may also be included, but at least three letters from potential employers are required.

Appendix C - F

- Provide data from the most recent Perkins Comprehensive Local Needs Assessment recommendations, demonstrating the need for the program initiation. Example: "(Data source) listed X number of annual openings for the occupation, with Y number of Concentrators in the matching program area". If the occupation corresponding to the proposed program was not evaluated in the most recent CLNA, please explain why.

Masonry Construction (CIP Code 46.0101) is not specifically identified in the most recent Perkins Comprehensive Local Needs Assessment (CLNA) report; however, it falls under the broader occupational category of *Construction Trades* as defined by the National Center for Education Statistics (NCES).The most recent CLNA report (page 13) lists *Construction* among the pathways and programs with too few concentrators relative to the number of available job openings. This finding indicates a persistent regional and statewide demand for skilled workers in construction-related fields, including masonry.

- 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.

The College will continue developing working relationships with area businesses and industry to develop internships, earn and learn opportunities, and guaranteed interviews for program participants/ graduates. These partnerships are of tremendous benefit for placement upon graduation and obtainment of the available certifications. Below is a list of current business and industry representatives working with the proposed program. The willingness of these businesses and educational institutions working with WSU Tech to create this program speaks to the value WSU Tech places on industry and other partnerships.

Industry Advocate Team

Contact	Organization
Tommy Myers	Crossland Construction
Jon Jones	PSU/Jones Construction
Nick Stroud	Sanderson Pipe
Todd Allison	Progressive Products
Chris Jordon	Unique metals
Zach Harris	NVent
Douglas Strong	Strong Masonry
Todd Plouvier	Sanderson Pipe
Nacoma Oehme	WSU Tech

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.

Only one institution in the state has Masonry as part of their program of inventory. Below is the most recent K-TIP data

Institution	CIP Code	Program Name	Declared Majors	Number of Program Graduates	Number of Graduates exiting the system and employed	Annual Median Wage for Graduates exiting the system and employed
Ft Scott Community College	46.0101 CERT B	Mason/Masonry	13	9	*	*

*Data is suppressed

- Please explain how collaboration was pursued with similar programs. Institutions proposing a new program should always reach out to existing programs to identify collaboration opportunities. Examples of collaboration include (but are not limited to) sharing best practices, recruitment and retention strategies, curriculum or equipment suggestions, structure with business and industry on work-based learning opportunities, etc.
    - Once existing programs have been contacted, if collaboration was not a viable option, please explain why.

Fort Scott Community College is currently the only other institution in Kansas authorized to offer Masonry Construction. WSU Tech has actively collaborated with Fort Scott throughout the transition to ensure continuity of service for students and alignment between institutions.

As part of this transition, all faculty who were previously employed by Fort Scott and taught in the Masonry Construction program were hired by WSU Tech at the time WSU Tech assumed responsibility for the CTEC programming. This ensured continuity in instructional quality, preserved faculty expertise, and provided students with consistent learning experiences throughout the transition.

During the transition period, WSU Tech worked closely with Fort Scott to allow students previously enrolled under the former partnership to complete their chosen degree pathways without interruption. Collaboration efforts included reviewing and transferring student records, verifying credit equivalencies, and ensuring the timely posting of credits to WSU Tech transcripts.

Additional coordination occurred around key administrative areas such as credit transfer assurance, residency and cost alignment, accreditation oversight, and student communication. These collaborative efforts ensured that students experienced a seamless transition and that the integrity of the program and its outcomes were maintained throughout the process. **See Appendix G**.

Program Information

- If the program has undergone the alignment process at the state level, please review alignment requirements and verify that
    - program title.
    - courses, (including titles and competencies)
    - industry-recognized certifications,
    - all marketing materials and public-facing information meets requirements, and
    - accreditation requirements

  are met in the proposal. Listing of aligned programs can be found at: https://www.kansasregents.gov/workforce_development/program-alignment

  The proposed program is not a KBOR aligned program

- List by course ID/prefix, number, title, and catalog description for all courses (including prerequisites) to be required or elective in the proposed program.

Appendix H

- Provide a Program of Study/Degree Plan for the proposed program for each program exit point including a semester-by-semester outline that delineates required and elective courses.
    - Degree plan/map in application should match degree map on institution website
    - KBOR links individual institution Degree Map landing pages at https://www.kansasregents.gov/students/advising-resources
    - Please refer to Guidance on Academic Degree Maps at https://www.kansasregents.gov/academic_affairs/performance-agreements

  Appendix I provides a degree plan for both the associate degree and technical certificate. Upon completion the degree plans will be available on the WSU Tech website at this location.

- If the proposed program includes multiple curricula (e.g., pathways, tracks, concentrations, emphases, options, specializations, etc.), identify courses unique to each alternative.

N/A

- List any pertinent program accreditation available:

- Provide a rationale for seeking or not seeking said accreditation.
- If seeking accreditation, also describe the plan to achieve it.

The program has integrated the NCCER Masonry curriculum with students obtaining up to level three. However, there is no program level accreditation. WSU Tech will continue to monitor potential options in the future.

- If the program/coursework is made available to high school students, provide letters of support from local high schools and/or districts that intend to participate.

Appendix J- M
Faculty

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

Technical Faculty

This program will share a faculty member with the Heavy Equipment Operator program. Nacoma Oehme brings more than 20 years of industry experience and 15 years of teaching experience to the role. Mr. Oehme exceeds WSU Tech's qualification requirements for faculty teaching in CTE programs, which require a minimum of 4,000 hours of experience in the masonry or closely related field.

General Education Courses will be taught by existing faculty members who meet or exceed the following standards:

Transferable General Education Faculty:

Qualified faculty members are identified primarily by credentials, but other factors, including but not limited to equivalent experience, may be considered by the institution in determining whether a faculty member is qualified". To comply, all instructors will be assessed by the following:

1. Master's A: Master's degree or higher within subject area of teaching, or
2. Master's B: Master's degree or higher not in subject area and 18 hours of graduate course work within subject area of teaching, or
3. Meet a minimum of a 3 on the Education & Years of Experience rubric standards

Category	**4**	**3**	**2**	**1**
Education	Master's degree in content area or Master's degree plus 18 grad level hours in content area	Master's degree plus 9 grad level hours in content area	Master's degree (subject other than content area)	Bachelor's degree and enrolled in graduate program
Experience	10+ years of experience in discipline or industry	5+ years of experience in discipline or industry	3+ years of experience in discipline or industry	Less than 3 years of experience in discipline or industry

Cost and Funding for Proposed Program

- Provide a detailed budget narrative that describes all costs associated with the proposed program.

Personnel

This program will share a faculty member with the proposed Heavy Equipment Operator program. The cost allocated to this program for the shared faculty position is estimated to range between $40,000 and $43,000 for each of the first three years.

Physical facilities:

WSU Tech will house the Masonry Construction program at the Southeast Kansas Career and Technical Education Center (SEK CTEC) in Pittsburg, KS. This facility has more than sufficient classroom and lab space to accommodate the proposed program.

Instructional Equipment

All necessary program equipment is already in place at the facility, and no additional purchases are anticipated during the program's first three years.

In years 1 - 3, the proposed program will have $10000 for instructional supplies and technology paid for with institutional funds

Instructional Materials:

WSU Tech follows an all-inclusive finance model in which instructional materials such as software or consumable lab supplies are incorporated into the cost of tuition resulting in no additional cost to students. Standing outside of this cost structure are books (either physical or digital), testing fees, and tools.

The proposed program will utilize the NCCER curriculum, which is funded through AGC of Kansas, resulting in no additional fees for students enrolled in the technical coursework. Adult students pursuing the AAS degree will pay approximately $305 for digital textbook access for general education courses; however, this cost is not charged to high school students.

Advising Services

Advising prospective students will be shared between the Masonry Construction program and the college's Student Services staff. As with other programs offered by the college, Student Services personnel provide general information, assist students with admission to the college, and transfer credits. Program personnel supply detailed information about the Masonry Construction program. The Financial Aid Specialist provides financial aid advice.

Additional services:

WSU Tech supplies various services to students designed to ensure they are successful in their educational pursuits. There is no charge for these services except for the Laptop Loan Service provided by the IT department.

Tutor.com– available when the student is ready Tutor.com is a 24/7 online tutoring service that provides effective as-needed tutoring in all topics, including general education discipline and technical areas such as nursing and engineering.

Tutoring Hub: As part of the Learning Services department the Tutoring Hub's services are available at the WSU Tech South Campus and online via Zoom. General education topics, such as Sciences, Math, English, writing, social sciences, humanities and test prep as well as technical topics such as Blueprint Reading and Accounting, are available.

Technology support for WSU Tech online students includes a student help desk which provides technology assistance as needed, enhanced WIFI hot spots at all WSU Tech locations, and student Laptop Loan service available for a nominal fee ($50.00 per semester).

Student Portal (Pathify)– The portal provides students with immediate access to all the services provided by the college. The portal includes links to events occurring on campus, access to Registrar and Financial Aid resources as well as access to the Learning Management System (Canvas).

On Deck at Tech – is a series of live and online sessions designed to provide an overview of student life at WSU Tech. The sessions utilize a gamification model to move students through required and optional sessions where winning prizes is the reward for completion!

UThrive Student Resource Centers – located at the NCAT, WSUTech South, and City Centers locations provide on-site and community resources to help students succeed, such as food pantry, mentoring, or referrals to tutoring or counseling.

Online Student Services Support: All student services, including academic advising, enrollment, and financial aid, are available to students in the online environment.

Wrap Around Services: to prepare students for the rigors of college course-work, WSuTech provides a variety of wrap-around services, including:

- **Library:** The Library is on the South campus, while the NCAT facility includes a shared space that houses both library and tutoring. Also, online library services are available to all students and include access to extensive database services like EBSCOhost and ProQuest. Students can also access several databases by signing up for the Kansas Library Card.
- **Student Mentoring:** WSUTech provides a formalized academic mentoring program for students with academic risk factors. This program pairs students with faculty volunteers to ensure students meet their academic obligations and goals.
- **Academic Success Clinics:** At the beginning of the Fall and Spring semesters, WSUTech hosts workshops and events designed to engage students in the academic side of college. Topics include notetaking skills, dealing with stress, test-taking skills, accessible technologies and other resources such as the IT help desk and the Colab.
- **The Department of Student Engagement**: This department provides students with opportunities to engage in college life outside the classroom. Activities include student organizations and clubs such as Skills USA, Veterinary Nursing Club, Hispanic American Leadership Organization (HALO), Presidents Advisory Council (PAC), and Esports. Other activities include welcome week events such as “Hunt a Duck”, Spring Oasis, and lecture series on current topics.
- **The Office of Disability Services:** coordinates services for students with disabilities.
- **Learning Services** include Career Services, Testing and Tutoring. Students are provided career coaching as well as resume and interview workshops. The department hosts multiple industry sector focused job fairs, bringing in employers from around the Wichita region.
- **Collaboration Lab:** The Collaboration Lab (CoLab) provides students, faculty, and staff access to the latest technologies to enhance the learning experience. The technologies include HoloLens, green screens, a recording studio with audio and visual capabilities, and online and on-ground meeting spaces equipped with up-to-date technology providing collaboration and recording capabilities. While

physically located at the WSU Tech South Campus, the CoLab technologies are available at other WSU Tech locations via a mobile version of the lab.

- Provide detail on **CA-1a form. Please include the specific funding source for each item.**

Appendix N

- Describe any grants (including requirements of the grant), donations or outside funding sources that will be used for the initial startup of the new program and to sustain the proposed program.

The AGC of Kansas provides funding that ensures students in many WSU Tech programs receive NCCER digital content at no cost. Thanks to this support, students in the Masonry Construction program will not have to pay for their books.

- **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.

No fees will be charged to high school students therefore no CA1b is included in this proposal

  - If the program is requesting Perkins funding, provide details on the **CA-1c form**.

Appendix O

  - If the program is requesting KS Promise Act eligibility, provide details on the **CA-1d form**.

Appendix P

The program proposal includes the CA-1D because the college intends to recruit beyond the current dual-credit student population and expand enrollment to adult learners. WSU Tech has already allocated additional resources by assigning dedicated enrollment and advising staff who regularly travel to the CTEC location to support students, with a specific charge to help grow adult learner participation.

Program Review and Assessment

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

The Masonry Construction (MAS) program will complete the same assessment and Program Review processes used for all other programs throughout the college.

WSU Tech has adopted a set of four student learning outcomes (SLOs) that all students, regardless of program, are expected to master. These four SLOs are the institutional outcomes that address learning experiences inside and outside the classroom. In addition, all programs have defined learning outcomes at the program level. Each year, the program's Industry Advocate Team reviews program outcomes, content, and competencies in addition to admission requirements and equipment. Faculty work with the Director of Assessment to align the institutional SLOs and program learning outcomes to courses and assessment activities; these alignments are revisited and updated every three years, or sooner if warranted by curriculum changes, during the program review process. The MAS program will complete curriculum maps in AY27.

The curricular assessment processes are documented through the Outcome Assessment Plan (OAP) and the annual assessment analysis report. During the planning phase of the curricular assessment cycle, faculty identify student learning experiences and assessment tools for measuring student achievement of the institutional, program, and corresponding course learning outcomes. All SLOs are assessed yearly in courses specified in the annual OAP across all programs and are measured using college-wide common rubrics with a program data collection plan outlined within the OAP. Faculty evaluate student learning throughout the program for mastery of knowledge and technical skills using various assessment activities in which data is collected and aggregated. Data visualization reports are used during the analysis phase to identify student learning trends, achievements, and challenges and to aid in determining

appropriate instructional revisions and interventions to improve the student learning experience. The MAS program will launch an OAP assessment plan and begin data collection in AY28.

Program reviews are conducted over a three-year cycle and involve collaboration between faculty, staff, and administration to evaluate the program thoroughly, reflect upon strengths and weaknesses, and set strategic goals for improvement. Additionally, programs participate in a "Semester Snapshot" activity in which progress towards goals and special projects and initiatives is documented and archived for later reference. During the Program Review process, faculty and program leadership revisit past snapshots, assessment analysis reports, course reviews, and other information and data sources to evaluate the implementation of instructional quality improvements. A combination of interactive data dashboards and static Program Review IR Data Reports provided by the Institutional Effectiveness Department are utilized. These data sets, including enrollment, demographics, course offerings, applications, completions, credentials, placement, retention, and completion, allow faculty to reflect and plan for continuous quality improvement while ensuring program goals, institutional mission, and accreditation standards are met. These data sets are also used when evaluating the performance of a program when being considered for closure or suspension per the college's Program Performance Review and Closure Policy 5-05.

The MAS program will initiate the Program Review process with the first Semester Snapshot report in AY27 and will partake in the entirety of the formal Program Review process in AY28.

Program Approval at the Institution Level

- Provide copies of the minutes at which the new program was approved from the following groups:

Appendix Q - S

  - Program Advisory Committee
    (Including a list of the business and industry members)
  - Curriculum Committee
  - Governing Board
    (Including a list of all Board members and indicate those in attendance at the approval meeting)

Program Proposal Submission

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

Charmine Chambers
Director for Workforce Development
cchambers@ksbor.org

Crystal Roberts
Associate Director for Workforce Development
croberts@ksbor.org

Brandi Wells
Workforce Development Program Specialist
bwells@ksbor.org

REQUEST/APPROVAL OF OUT OF SERVICE AREA INSTRUCTION FOR KANSAS PUBLIC POSTSECONDARY INSTITUTIONS

Wichita State University Campus of Applied Sciences and Technology (WSU Tech) is requesting to
(Outside Service Area Institution)

offer the courses/programs listed below in the service area of: Pittsburg State University
(Home Institution)

during Fall 2025 and Spring 2026 semester(s).

Approval of course/location prior to instruction is required for payment of State aid for those courses/locations. Attach appropriate authorization from all home institutions in the service area where the course(s) will be offered, and submit at least 30 days prior to instruction to Kansas Board of Regents for approval. Signature to be included on each subsequent page of courses/locations.

Program Area	Course ID/Section #/Course Title			Credit Hours	Locations (City & County)
Construction	CCP	100	Introductory Craft Skills	3	Pittsburg, Crawford County
Construction	CCP	108	Construction Basics	2	Pittsburg, Crawford County
Construction	CCP	112	Carpentry I	3	Pittsburg, Crawford County
Construction	CCP	122	Carpentry II	4	Pittsburg, Crawford County
Construction	CCP	124	Exterior Envelope	3	Pittsburg, Crawford County
Construction	CCP	128	Interior Systems	2	Pittsburg, Crawford County
Construction	CCP	134	Introduction to Concrete Construction	3	Pittsburg, Crawford County
Construction	CCP	172	Fundamentals of Crew Leadership	2	Pittsburg, Crawford County
Construction	CCP	138	Advanced Framing	3	Pittsburg, Crawford County
Construction	CCP	144	Advanced Finish and Trim	3	Pittsburg, Crawford County
Construction	CCP	148	Vertical and Horizontal Formwork	3	Pittsburg, Crawford County
Construction	CCP	155	FEMA Doors & Hardware	1	Pittsburg, Crawford County
Construction	CCP	180	Cabinet Installation	1	Pittsburg, Crawford County
Safety	SAF	101	Safety Orientation/OSHA 10	1	Pittsburg, Crawford County
Welding	CWG	103	Blue Print Reading for Welders	3	Pittsburg, Crawford County
Welding	CWG	105	Welding Safety & Orientation	1	Pittsburg, Crawford County
Welding	CWG	141	Oxy Acetylene Welding & Cutting	2	Pittsburg, Crawford County
Welding	CWG	135	Measurement and Specification	1	Pittsburg, Crawford County
Welding	CWG	115	SMAW	3	Pittsburg, Crawford County
Welding	CWG	116	SMAW II	4	Pittsburg, Crawford County
Welding	CWG	120	GMAW	3	Pittsburg, Crawford County
Welding	CWG	121	GMAW II	4	Pittsburg, Crawford County
HVAC	ACR	112	HVAC Fundamentals	4	Pittsburg, Crawford County
HVAC	ACR	113	Electrical Fundamentals	4	Pittsburg, Crawford County
HVAC	ACR	116	Workplace Skills	1	Pittsburg, Crawford County
HVAC	ACR	117	Intro to Mechanical Refrigeration	4	Pittsburg, Crawford County
HVAC	ACR	118	Electrical Fundamentals II	3	Pittsburg, Crawford County
HVAC	ACR	121	Heating System Fundamentals	3	Pittsburg, Crawford County
HVAC	ACR	122	Heating System Fundamentals II	3	Pittsburg, Crawford County
HVAC	ACR	123	Heat Loads and Duct Sizing	2	Pittsburg, Crawford County
HVAC	ACR	124	Advanced Heating Systems	3	Pittsburg, Crawford County
HVAC	ACR	126	EPA 608	1	Pittsburg, Crawford County
HVAC	ACR	127	Heat Pumps	4	Pittsburg, Crawford County

REQUEST/APPROVAL OF OUT OF SERVICE AREA INSTRUCTION FOR KANSAS PUBLIC POSTSECONDARY INSTITUTIONS

HVAC	ACR	128	Commercial HVAC	4	Pittsburg, Crawford County
HVAC	ACR	129	Commercial HVAC Lab	4	Pittsburg, Crawford County
HVAC	ACR	140	Sheet Metal Fabrication I	3	Pittsburg, Crawford County
Automotive	TAS	105	Orientation to the Transportation Industry	1	Pittsburg, Crawford County
Automotive	TAS	121	Engine Repair	4	Pittsburg, Crawford County
Automotive	TAS	124	Electrical I	3	Pittsburg, Crawford County
Automotive	TAS	125	Electrical II	3	Pittsburg, Crawford County
Automotive	TAS	127	Automatic Transmission Repair	4	Pittsburg, Crawford County
Automotive	TAS	128	Heating & Air Conditioning	4	Pittsburg, Crawford County
Automotive	TAS	131	Engine Performance I	3	Pittsburg, Crawford County
Automotive	TAS	132	Engine Performance II	3	Pittsburg, Crawford County
Automotive	TAS	133	Brakes I	3	Pittsburg, Crawford County
Automotive	TAS	134	Brakes II for Automotive	1	Pittsburg, Crawford County
Automotive	TAS	135	Computer Systems for Automotive	3	Pittsburg, Crawford County
Automotive	TAS	136	Suspension and Steering I	3	Pittsburg, Crawford County
Automotive	TAS	137	Suspension and Steering II	2	Pittsburg, Crawford County
Automotive	TAS	150	Specialized Training	2	Pittsburg, Crawford County
Automotive	TAS	160	Transportation Industry Safety	1	Pittsburg, Crawford County
Automotive	TAS	206	Powertrain Systems	4	Pittsburg, Crawford County
Automotive	TAS	225	Electrical III	2	Pittsburg, Crawford County
Masonry	CCP	XXX	Masonry I	4	Pittsburg, Crawford County
Masonry	CCP	XXX	Masonry II	4	Pittsburg, Crawford County
Masonry	CCP	XXX	Masonry III	4	Pittsburg, Crawford County
Masonry	CCP	XXX	Masonry IV	4	Pittsburg, Crawford County
Masonry	CCP	XXX	Masonry Installation Techniques	6	Pittsburg, Crawford County
Masonry	CCP	XXX	Advanced Masonry Laying Techniques	6	Pittsburg, Crawford County
Heavy Equipment	EQP	XXX	Heavy Equipment Operator I	4	Pittsburg, Crawford County
Heavy Equipment	EQP	XXX	Heavy Equipment Operator II	4	Pittsburg, Crawford County
Heavy Equipment	EQP	XXX	Heavy Equipment Operator III	4	Pittsburg, Crawford County
Heavy Equipment	EQP	XXX	Heavy Equipment Operator IV	4	Pittsburg, Crawford County
Heavy Equipment	EQP	XXX	Basic Heavy Equipment Operation	5	Pittsburg, Crawford County
Heavy Equipment	EQP	XXX	Advanced Heavy Equipment Operation	5	Pittsburg, Crawford County
Physical Science	PHS	XXX	Plant Science	4	Pittsburg, Crawford County
Physical Science	PHS	XXX	Agriculture Experience	4	Pittsburg, Crawford County

REQUEST/APPROVAL OF OUT OF SERVICE AREA INSTRUCTION FOR KANSAS PUBLIC POSTSECONDARY INSTITUTIONS

Submit to: Kansas Board of Regents, Out of Service Area Requests, 1000 S.W. Jackson, Suite 520, Topeka, Kansas 66612-1368.

Requested By: Steve Hash
Institution President/Chief Academic Officer (signature)

Date: 4/24/25
4/24/25

Approved By: Charmine Chambers
Kansas Board of Regents (signature)

Date: 5/2/2025

KHEDS Approval email May 2025 – Revisions to WSU Tech Construction Technology Program to include Masonry (AAS and CERT A & CERT C)

From: kspsd-daemon@ksbor.org <kspsd-daemon@ksbor.org>
Sent: Monday, May 12, 2025 11:58
To: Siophi Iosif <siosif@wsutech.edu>
Cc: irhelp@ksbor.org <irhelp@ksbor.org>
Subject: [EXTERNAL] (KBOR PI Emailer) Your Program has been approved!

The following Program application has been approved by the Kansas Board of Regents:

INSTITUTION NAME: Wichita State University Campus of Applied Sciences and Technology

Action: MOD

Academic Year: 2026
Program Code: AAS-CARP_ENT
Program Title: CONSTRUCTION TECHNOLGY
Award Level: ASSOC
Award: AAS
Award Description: AAS
Required Credit Hours: 60
CIP: 46.0201
Original Program Start Date: 01/01/2016

From: kspsd-daemon@ksbor.org <kspsd-daemon@ksbor.org>
Sent: Monday, May 12, 2025 11:58
To: Siophi Iosif <siosif@wsutech.edu>
Cc: irhelp@ksbor.org <irhelp@ksbor.org>
Subject: [EXTERNAL] (KBOR PI Emailer) Your Program has been approved!

The following Program application has been approved by the Kansas Board of Regents:

INSTITUTION NAME: Wichita State University Campus of Applied Sciences and Technology

Action: MOD

Academic Year: 2026
Program Code: TC-CON_SCI
Program Title: CONSTRUCTION TECHNOLOGY LEVEL 3
Award Level: CERTC
Award: CERT
Award Description: CERT
Required Credit Hours: 45
CIP: 46.0201
Original Program Start Date: 08/01/2024

From: kspsd-daemon@ksbor.org <kspsd-daemon@ksbor.org>
Sent: Monday, May 12, 2025 11:59
To: Siophi Iosif <siosif@wsutech.edu>
Cc: irhelp@ksbor.org <irhelp@ksbor.org>
Subject: [EXTERNAL] (KBOR PI Emailer) Your Program has been approved!

The following Program application has been approved by the Kansas Board of Regents:

INSTITUTION NAME: Wichita State University Campus of Applied Sciences and Technology

Action: MOD

Academic Year: 2026
Program Code: TC-CARPENTRY
Program Title: CONSTRUCTION TECHNOLOGY LEVEL 1
Award Level: CERTA
Award: CERT
Award Description: CERT

Required Credit Hours: 16
CIP: 46.0201
Original Program Start Date: 01/01/2014

CLELAND MASONRY

Box 274
Arma, KS 66712
Ph. 620-249-2255

November 21, 2025

To Whom it May Concern:

I am writing today to express Cleland Masonry's support for the masonry program and certification process as previously instituted by SEK-CTEC. This program continues to provide students with skills and knowledge that are in high demand in our industry. The students that complete certification are at an advantage as they enter the workforce, gaining knowledge and experience in several aspects of the masonry industry.

Upon completion of the Technical Certificate B, students will have gained knowledge in jobsite layout, material handling, general entry level masonry construction (both residential and commercial), as well as much needed math and communication skills needed to excel in today's construction climate. The experience level that is available to obtain at the SEK-CTEC facility in Pittsburg is vital as the students graduate into entry level positions, or apprenticeship candidates, in the masonry industry.

Cleland Masonry, Inc. is committed to the support of SEK-CTEC in its efforts to advance this probationary program into a fully functional program as WSU Tech. We are prepared to assist in the evolution of this program by offering assistance by offering real world based training, offering apprenticeships, jobsite hosting, any student learning material needs, guest speakers as needed to relate the job requirements and industry climate, education, and certifications that may be required.

As the construction industry continues to evolve, the demand for high level craftsmen and craftswomen continually grows, as our niche in the field is on a steady decline. It is vital that our training programs stay up to speed with technology, as well as old fashioned work ethic to create a seamless transition into the industry. We fully endorse SEK-CTEC as a pathway to this ideal.

We look forward to working with the WSU Tech team as they continue to provide students with every opportunity to become successful members of the workforce.

Respectfully Submitted,

John Cleland, President
Cleland Masonry, Inc.

CROSSLAND
CONSTRUCTION COMPANY, INC.

PO Box 45 • S. East Ave
Columbus, KS 66725
tel 620.429.1414
fax 620.429.1412

11/18/2025

Dan Boley
Director, SEK-CTEC / WSU Tech
1301 E 27th Terr
Pittsburg, KS 66762

Dear Mr. Dan Boley,

On behalf of **Crossland Construction Company**, I am pleased to offer this letter of support for the **Masonry Construction Program through WSU Tech at the Southeast Kansas Career and Technical Education Center (SEK CTEC)**. As one of the region's largest construction contractors, Crossland works with masonry subcontractors on a wide range of commercial, industrial, and public projects. Because of this, we see first hand the ongoing and growing need for skilled, reliable masons in the workforce.

Masonry trade is essential to the success of many of our job sites, and the availability of well-trained newcomers to the field directly affects project quality, scheduling, and overall productivity. Programs like the one at SEK CTEC play a vital role in preparing students to enter the masonry field with the foundational knowledge and hands-on experience employers expect.

Why the Masonry Program Matters to Crossland Construction and the Industry

- **Strong Workforce Demand**
  - Masonry subcontractors are used on many of our projects, and a lack of qualified entry-level masons can slow down critical phases of construction.
  - Having a consistent pipeline of trained workers helps support project timelines and improves overall job-site performance.
- **Quality Training That Matches Industry Needs**
  - The program's curriculum provides a solid introduction to masonry tools, materials, safety practices, and job-site expectations.
  - Students gain essential understanding of construction math, blueprint reading, and technical masonry skills that make them more productive from day one.
- **Hands-On Experience That Builds Job-Ready Skills**
  - The applied learning environment mirrors real-world settings, giving students a realistic understanding of masonry work.
  - Practical training in brick and block work, mortar preparation, scaffolding, and finishing techniques helps reduce the amount of on-site training needed by employers.
- **Improving Workforce Quality for Subcontractors**
  - Subcontractors we partner with consistently emphasize the need for dependable, quality masons.
  - Graduates from a structured technical program arrive with higher levels of professionalism, safety awareness, and craftsmanship—traits that benefit the entire construction team.

CROSSLAND
CONSTRUCTION COMPANY, INC.

PO Box 45 • S. East Ave
Columbus, KS 66725
tel 620.429.1414
fax 620.429.1412

Crossland Construction strongly supports the continued development and expansion of the Technical Certificate B and Associates degree masonry programs at SEK CTEC and will support the program through participating in the advisory committee and interviewing students for positions. It fills a crucial workforce gap in our region and provides students with a pathway to a stable, well-paying career in the trades. We value the program's contribution to strengthening the local workforce and improving the overall quality and efficiency of construction projects throughout Southeast Kansas.

Thank you for your commitment to providing high-quality career and technical education. We look forward to continued collaboration in support of the next generation of skilled masons.

Sincerely,
Tommy Myers
Talent Acquisition Manager
Crossland Construction Company
(620) 249-2858
tmyers@crossland.com

NEXT GENERATION ENTERPRISE, LLC
132 S Hwy 69
Pittsburg KS,
66762
Tel (620) 249-0797

11-20-25

Letter of Support for SEK CTEC Masonry Program

To Whom It May Concern:

Next Generation Enterprise would like to express our full support for the Southeast Kansas Career & Technical Education Center (SEK CTEC) Masonry Program provided through WSU Tech. As a masonry contractor that has proudly served Pittsburg and the surrounding region since 2006, we know firsthand the value and necessity of skilled masonry professionals. The work we perform—restoring historic structures, building long-lasting commercial foundations, and creating durable residential projects—depends on the availability of highly trained, highly capable craftspeople. SEK CTEC plays a critical role in this mission.

The SEK CTEC Masonry Program is one of only two masonry education programs in the entire state of Kansas, making it a rare and vital resource. Without this program, the pipeline of skilled masons entering our industry would be dangerously limited, directly affecting the future of construction across Kansas and the Midwest. The continued operation and growth of this program is not just beneficial—it is essential to the success and sustainability of companies like ours.

What sets SEK CTEC apart is not just its existence, but its proven track record as a top-tier training institution. The program has consistently produced some of the nation's best craftspeople, as demonstrated by its history of winning both state and national masonry competitions. These awards are not simply trophies—they represent the exceptional craftsmanship, work ethic, and technical knowledge being instilled in the next generation of masons.

Additionally, many graduates have gone on to hold lead roles within major masonry companies, while others have taken the next step in entrepreneurship and are now successfully operating their own masonry businesses. These outcomes show the long-term value of the program, not only to the construction industry, but also to local and regional economies.

Next Generation Enterprise relies on a workforce that is skilled, safe, and committed to quality. The SEK CTEC Masonry Program consistently produces individuals who meet and exceed these expectations. For this reason, we are proud to support the program and advocate for its continued growth and investment. Ensuring the advancement of masonry education today strengthens the workforce and the industry we depend on tomorrow.

We fully support SEK CTEC for the Masonry certificate B and Associales degree. We intend on participating in advisory committees and interviewing students for open positions. We look forward to continuing our partnership in developing the next generation of masonry professionals.

Sincerely,

Cody Grilz
Masonry Foreman
Next Generation Enterprise, LLC

UNIQUE METAL
FABRICATION

November 20, 2025

CTEC – Career and Technical Education Center
Dan Boley
1301 East 27th Terrace
Pittsburg, Kansas 66762

Dear Dan,

On behalf of **Unique Metal Fabrication, LLC,** I am pleased to offer our enthusiastic support for the **Masonry and Heavy Equipment Courses** through WSU Tech at CTEC. As a company deeply committed to advancing skilled trades and strengthening our local workforce, we recognize the essential role that programs like yours play in preparing the next generation of trades professionals.

The construction and fabrication industries continue to face significant demand for highly trained workers who possess both technical ability and a strong understanding of safety, equipment operation, and practical problem-solving. CTEC's Masonry and Heavy Equipment Courses directly addresses this need by providing students with hands-on experience, industry-relevant instruction, and exposure to real-world scenarios that prepare them for meaningful employment.

Unique Metal Fabrication, LLC values the emphasis your program places on craftsmanship, precision, and workplace readiness—qualities that are foundational within our field. We look forward to future collaboration opportunities, including guest presentations, advisory committees, facility tours, internships, student interviews, or other forms of partnership that help students gain deeper insight into the trades and broaden their career pathways.

We commend CTEC for its dedication to empowering students and strengthening our regional workforce. Please consider this letter as a demonstration of our continuing support for goals, growth, and ongoing success of your Technical Certificate B and Associates Degree programs in Masonry and Heavy Equipment.

If you need any additional information or would like to explore partnership opportunities further, please feel free to contact me at **620-232-3060.**

Sincerely,

James Kukovich
Plant Manager
Unique Metal Fabrication, LLC

2888 N. Rotary Terrace · P.O. Box 201 · Pittsburg, KS 66762
Email: info@umfi.com · **Website:** www.umfi.com · **Phone:** 620.223.3060 · **Fax:** 620.223.3014

Fort Scott Community College
2108 South Horton
Fort Scott, KS 66701

Fort Scott Community College Student Transition – Program Transfer between Fort Scott Community College and Wichita State University Campus of Applied Sciences and Technology

Fort Scott Community College (FSCC) and Wichita State University Campus of Applied Sciences and Technology (WSU Tech) have entered into a formal agreement to ensure an uninterrupted educational experience for students currently enrolled in specific technical programs at the Southeast Kansas Career and Technical Education Center of Crawford County (SKE CTEC) site located in Pittsburg, Kansas. This collaboration is a result of CTEC's decision to transition the facilitation of Career and Technical Education programs offered at 1301 E 27th Terrace, Pittsburg KS 66762 from Fort Scott Community College to WSU Tech effective, July 1, 2025.

The institutions are jointly committed to maintaining the academic integrity and continuity of the student learning experience. As such, the following terms have been agreed upon as part of the teach-out arrangement:

Program Continuity:

- WSU Tech will continue to offer the following programs previously facilitated by FSCC at the Pittsburg location:
  - Construction Trades
  - Welding
  - Heating, Ventilation, and Air Conditioning (HVAC)
  - Heavy Equipment Operator
  - Masonry

Credit Transfer Assurance:

- FSCC will provide WSU Tech transcripts for all students currently enrolled at the CTEC location.
- WSU Tech agrees to accept all applicable FSCC coursework and credits current students earned toward equivalent WSU Tech certificate or degree programs.
- Students will not be required to retake courses already successfully completed at FSCC.

Residency and Cost:

- WSU Tech will waive any residency requirements or fees that would otherwise apply to these students. In addition, all courses offered as part of this transfer agreement will be provided at no greater cost to students than what they would have paid at FSCC.

Fort Scott Community College
2108 South Horton
Fort Scott, KS 66701

Timely Completion:

- Students currently enrolled in the affected programs will be able to complete their education on their original timeline without delay or disruption.
- WSU Tech will work closely with FSCC to ensure accurate degree audits and advising for each student.

Student Communication and Support:

- Both institutions are coordinating efforts to communicate these changes clearly to impacted students.
- Academic advisors from FSCC and WSU Tech will provide joint support to assist students in transitioning their enrollment, financial aid, and academic planning.

Accreditation Oversight:

- FSCC and WSU Tech are accredited by the Higher Learning Commission (HLC) and affirm that this transfer plan complies with all applicable accreditation and regulatory standards.
- This plan has been developed in good faith for student success and educational quality.

We appreciate the opportunity to partner in a way that supports Kansas students and workforce needs.

Fort Scott Community College

President

Wichita State University-Campus Of Applied Sciences and Technology
President

Program Course List

Program Name: Masonry Construction

Course Number	Title	Credits	Relationship	Description	Pre/Corequisites
MAS 123	Masonry Materials and Methods	5	Required AAS CERT B	This course introduces foundational concepts and hands-on skills essential to the masonry trade. Students learn to identify and work with various masonry units, safely operate hand and power tools, and prepare mortar for structural applications. Emphasis is placed on developing core laying techniques, understanding material properties, and applying industry-standard safety practices. Upon completion, students will be prepared to perform basic masonry tasks in residential and light commercial settings.	
MAS 133	Masonry Installation Practices	5	Required AAS CERT B	This course builds foundational masonry skills with an emphasis on accurate layout, measurement, and construction techniques used in the field. Students apply industry standards to interpret drawings and specifications, mix mortar to required properties,	MAS 123

				and construct masonry walls with proper alignment and spacing. Focus is placed on precision, efficiency, and adherence to safety and quality standards in both residential and commercial applications.	
MAS 143	Masonry Layout and Bonding Techniques	6	Required AAS CERT B	This course emphasizes advanced layout, bonding, and reinforcement methods used in structural and architectural masonry projects. Students interpret complex blueprints, establish control lines and elevations, and construct arches, corners, and reinforced masonry assemblies. Hands-on projects focus on precision, sequencing, and inspection of masonry work to meet commercial construction standards and specifications.	MAS 133
MAS 159	Structural Masonry Applications	5	Required AAS CERT B	This course focuses on the planning and construction of structural masonry systems used in residential and light commercial projects. Students interpret architectural and structural drawings to estimate materials, layout reinforced walls, and apply proper rebar placement, grouting, and vibration techniques. Emphasis is placed on code	MAS 133

				compliance, precision in construction, and the integration of masonry with other building systems. Practical lab activities include the completion of foundations, bond beams, chimneys, and other load-bearing assemblies.	
MAS 169	Masonry Finishes and Specialty Systems	5	Required AAS CERT B	This course focuses on advanced masonry techniques and specialty installations used in complex residential and commercial projects. Students construct openings, arches, and decorative bonds while integrating metalwork, lintels, and structural supports. Emphasis is placed on environmental considerations, quality assurance, and the use of proper bracing and safety systems when working at height. Learners will refine their craftsmanship and precision to meet industry standards for high-quality finishes and advanced masonry systems.	MAS 159
MAS 179	Advanced Masonry Laying Techniques	6	Required AAS CERT B	This course serves as a capstone experience in masonry construction, integrating advanced techniques, project management, and leadership skills. Students plan and execute complex projects involving	MAS 169

				stone masonry, glazed and glass block installations, and large-scale layouts using precision instruments. Emphasis is placed on estimating, scheduling, and team coordination to meet project specifications and industry standards. Learners demonstrate mastery of craftsmanship, safety, and communication as they prepare for supervisory roles within the masonry field.	
CCP100	Introductory Craft Skills	3	Required AAS CERT B	This course is the Core Curriculum for Introductory Craft Skills under the National Center for Construction Education (NCCER). This course is NCCER's basic course for all construction, maintenance and pipeline organizations. This course covers basic safety obligations of workers, supervisors and managers; reviews the role of company policies and OSHA regulations; introduces trainees to hand and power tools widely used in the construction industry, and their proper uses. Students will also become familiarized with basic blueprint terms, components and symbols.	SAF 101
CCP108	Construction Basics	2	Required AAS	This course is the curriculum for	CCP 100

			CERT B	Carpentry Basics under the National Center for Construction Education (NCCER). The course covers eight topics and starts by introducing the carpentry trade, including history, career opportunities, and requirements. The course includes study and practice required for framing a simple structure. Specific topics are building materials, fasteners and adhesives, hand and power tools, reading plans & elevations, floor systems, wall and ceiling framing, roof framing and windows and exterior doors.	
CCP112	Carpentry I	3	Required AAS	Carpentry I is the introductory course in a two-course series. This course, aligned with the NCCER General Carpentry 6th edition modules, provides a comprehensive foundation in carpentry skills. The curriculum encompasses Orientation to Carpentry, Building Materials and Fasteners, Construction Plans and documents, and Principles of Site and Building Layout.	CCP 108
CCP122	Carpentry II	4	Required AAS	Carpentry II builds upon the foundational skills acquired in Carpentry I. This course focuses on constructing and	CCP 112

				assembling floor systems, wall systems, roof framing, basic stair layout, and building envelope systems. The curriculum is aligned with the NCCER General Carpentry 6th edition modules, ensuring an industry-relevant learning experience.	
SAF 101	Safety Orientation/OSHA 10	1	Required AAS CERT B	This course provides a fundamental understanding of OSHA Safety for the Construction Industry. Students who successfully complete the course will be issued a Department of Labor (DOL) 10 hour card.	N/A
ENG 101	Composition I	3	Required AAS	This course is designed to improve the reading and writing skills of students. The emphasis is on fundamental principles of written English in structurally correct sentences, paragraphs and expository themes. Critical analysis of essays will be used to aid in developing the student's thinking, support of thesis and style. Students are introduced to the basic components of research by writing a documented essay in Modern Language Association (MLA) style.	
Communications Elective		3	Required AAS	This is the placeholder for the communication elective. Students may enroll in the	

				following courses to fulfill the communication elective: SPH101 Public Speaking or SPH 111 Interpersonal Communication.	
Humanities Elective		3	Required AAS	This is the placeholder for the Humanities elective. Students may enroll in the following courses to fulfill the Humanities elective: ART 100 Art Appreciation, ENG 110 Introduction to Literature, ENG 205 Introduction to Creative Writing , HIS 110 United States History to 1877, HIS 120 United States History since 1865, HIS 130 World History I, MGT 111 Business Ethics, PHL 110 Ethics, PHL 115 Logic, REL 101 New Testament, THR 100 Theater Appreciation	
Social Science Elective		3	Required AAS	This is the placeholder for the Social Science elective. Students may enroll in the following courses to fulfill the social Science elective: CRJ 101 Introduction to Criminal Justice, CRJ 155 Policing Diverse Cultures, ECO 105 Principles of Macroeconomics, ECO 110 Principles of Microeconomics, POL 101 American Government, PSY 101 General Psychology, PSY110 Child Psychology, PSY 120 Developmental Psychology, SOC 101	

				Principles of Sociology, GEO 101 Principles of Geography, SOC 115 Social Problems	
Math Elective		3	Required AAS	This is the place holder course for the math electives. To fulfill these elective students may choose between MTH 107, 108, MTH 110, MTH 112, MTH 119, or MTH 120	

Degree Map

Associate of Applied Sciences: Masonry Construction

Semester 1

Course #	***Course Title***	***Credits***	***Function***
SAF 101	*Safety Orientation/OSHA 10*	1	Technical
MAS 123	*Masonry Materials and Methods*	5	Technical
MAS 133	*Masonry Installation Practices*	5	Technical
	Math Elective	3	General Education

Semester 2

Course #	***Course Title***	***Credits***	***Function***
MAS 159	*Structural Masonry Applications*	5	Technical
MAS 169	Masonry Finishes and Specialty Systems	5	Technical
Eng 101	*Composition*	3	General Education
	Communication Elective	3	General Education

Semester 3

Course #	***Course Title***	***Credits***	***Function***
CCP 100	*Introductory Craft Skills*	3	Technical

CCP 108	*Construction Basics*	2	Technical
MAS 143	*Masonry Layout and Bonding Techniques*	6	Technical
	Humanities Elective	3	General Education

Semester 4

Course #	***Course Title***	***Credits***	***Function***
MAS 179	*Advanced Masonry Laying Techniques*	6	Technical
CCP 112	*Carpentry I*	3	Technical
CCP 122	*Carpentry II*	4	Technical
	Social Science Elective	3	General Education

Technical Certificate B: Masonry Construction

Semester 1

Course #	***Course Title***	***Credits***	***Function***
SAF 101	*Safety Orientation/OSHA 10*	1	Technical
MAS 123	*Masonry Materials and Methods*	5	Technical
MAS 133	*Masonry Installation Practices*	5	Technical

Semester 2

Course #	***Course Title***	***Credits***	***Function***
MAS 159	*Structural Masonry Applications*	5	Technical
MAS 169	Masonry Finishes and Specialty Systems	5	Technical

Semester 3

Course #	***Course Title***	***Credits***	***Function***
CCP 100	*Introductory Craft Skills*	3	Technical
CCP 108	*Construction Basics*	2	Technical
MAS 143	*Masonry Layout and Bonding Techniques*	6	Technical

Semester 4

Course #	***Course Title***	***Credits***	***Function***
MAS 179	*Advanced Masonry Laying Techniques*	6	Technical

Collaboration Agreement between
Wichita State University Campus of Applied Sciences and Technology (WSU Tech)
and

This Memorandum of Understanding (MOU) sets forth the terms and understanding between Wichita State University Campus of Applied Sciences and Technology (WSU Tech) and USD 246 to provide support and opportunities for the programs outlined in this document to publicly support WSU Tech students.

Background
This MOU serves as notification that USD 246 recognizes a need to develop a talent pool in this industry for specific program(s). This partnership outlines opportunities for the organization to support WSU Tech. The opportunities are listed below in their entirety and include membership on the Industry Advocate Team, hosting Applied Learning Opportunities, and providing Guaranteed Interviews and/or other aspects of support designed to increase the workforce by removing barriers for individuals being trained to enter the pipeline.

Purpose
This MOU will establish the role of and scope of agreed involvement for USD 246 in regard to aforementioned programs. Involvement and participation is defined by supporting the goals set out below for outreach, coordination, and retention campaigns/ events for enriching, sourcing, and securing a viable talent pipeline.

Support will be accomplished by USD 246 undertaking the following activities in these critical areas. The programs involved include:(Please check which areas you wish to participate in.)

Automation Engineer Technology
Community HealthCare Worker
✓ Masonry
✓ Heavy Equipment Operator
Electric Power Distribution
Data Center Technician

School Partners will:

☑ Engage in Industry Advocate Team meetings twice a year to provide input in curriculum guidance, focus groups on retention and recruitment for students.

☑ Provide opportunities for students to engage with WSU Tech in-person or virtually through career awareness activities in regards to the aforementioned programs.

☑ Provide constructive feedback as appropriate.

☑ Refer interested high school students to WSU Tech for enrollment opportunities in programs above.

Reporting of Outcomes
Reports and evaluation of program effectiveness and adherence to the agreement will be ongoing and communicated to employer partners annually.

Funding
This MOU is not a commitment of funds; however, WSU Tech personnel are available to discuss scholarship opportunities to help partners grow their own educational opportunities and offerings as well as social media marketing and asset donations.

Duration
This MOU is at will and may be modified by mutual consent of authorized officials from WSU Tech and USD 246 .This MOU shall become effective upon signature by the authorized officials from WSU Tech and USD 246 and will remain in effect until modified or terminated by any one of the partners by mutual consent.

Your generosity and collaboration for the students of WSU Tech is greatly appreciated and we are honored to have you as a supporter and partner!

Notice of Nondiscrimination
The WSU TECH Board of Directors supports and complies with Title VI and Title VII of the Civil Rights Act of 1964 as amended, Section 504 of the Rehabilitation Act of 1973 and Amendments, The Americans with Disabilities Act, Title IX and all requirements imposed by or pursuant to the regulations of the Department of Health and Human Services and the Department of Education. It is the policy of the Board of Directors that no person in the United States (on the grounds of race, color, religion, sex, national origin, ancestry or disability) shall be excluded from participation in, denied the benefit of or otherwise subjected to discrimination under any program or activity of, or employment with WSU Tech. Persons with inquiries may contact the Human Resources Director at 4004 N. Webb Road Wichita, KS 67226 or by phone at 316.677-9500.

Legal Citation
Opportunities in Applied education and job placement at WSU TECH are available to all students regardless of race, color, national origin, sex or disability in compliance with Title VI:34 CFR 100.3(b) Guidelines VII-A, Title IX: 34 CFR 106.31(d), Section 504: CFR 104.4(b)

This Memorandum of Understanding (MOU) sets forth the terms and understanding between WSU Tech and USD 246 SEK – CTEC to provide the above checked services for the programs to publicly support WSU Tech students.

Contact Information and Signatures

District Name: Northeast USD 246
Partner Representative Name: Brayan Hoffman
Position Title: Board President
Address: 1001 East South Street Arma Ks. 66712
Telephone: [redacted] 620 347-4115
E-mail: Brayan.Hoffman@USD246.ORG
Signature: BH
Date: 11-18-2025

WSUTech
WSU Tech Representative Name:
Position:
Address: 4004 N. Webb Rd., Wichita, KS 67226
Telephone:
E-mail:
Signature: _____
Date:

Collaboration Agreement between
Wichita State University Campus of Applied Sciences and Technology (WSU Tech)
and USD 248

This Memorandum of Understanding (MOU) sets forth the terms and understanding between Wichita State University Campus of Applied Sciences and Technology (WSU Tech) and USD 248 to provide support and opportunities for the programs outlined in this document to publicly support WSU Tech students.

Background
This MOU serves as notification that USD 248 recognizes a need to develop a talent pool in this industry for specific program(s). This partnership outlines opportunities for the organization to support WSU Tech. The opportunities are listed below in their entirety and include membership on the Industry Advocate Team, hosting Applied Learning Opportunities, and providing Guaranteed Interviews and/or other aspects of support designed to increase the workforce by removing barriers for individuals being trained to enter the pipeline.

Purpose
This MOU will establish the role of and scope of agreed involvement for USD 248 in regard to aforementioned programs. Involvement and participation is defined by supporting the goals set out below for outreach, coordination, and retention campaigns/ events for enriching, sourcing, and securing a viable talent pipeline.

Support will be accomplished by USD 248 undertaking the following activities in these critical areas. The programs involved include:(Please check which areas you wish to participate in.)

Automation Engineer Technology
Community HealthCare Worker
✓Masonry
✓Heavy Equipment Operator
Electric Power Distribution
Data Center Technician

School Partners will:

- ☑ Engage in Industry Advocate Team meetings twice a year to provide input in curriculum guidance, focus groups on retention and recruitment for students.
- ☑ Provide opportunities for students to engage with WSU Tech in-person or virtually through career awareness activities in regards to the aforementioned programs.
- ☑ Provide constructive feedback as appropriate.
- ☑ Refer interested high school students to WSU Tech for enrollment opportunities in programs above.

Reporting of Outcomes
Reports and evaluation of program effectiveness and adherence to the agreement will be ongoing and communicated to employer partners annually.

Funding
This MOU is not a commitment of funds; however, WSU Tech personnel are available to discuss scholarship opportunities to help partners grow their own educational opportunities and offerings as well as social media marketing and asset donations.

Duration
This MOU is at will and may be modified by mutual consent of authorized officials from WSU Tech and USD 248 .This MOU shall become effective upon signature by the authorized officials from WSU Tech and USD 248 and will remain in effect until modified or terminated by any one of the partners by mutual consent.

Your generosity and collaboration for the students of WSU Tech is greatly appreciated and we are honored to have you as a supporter and partner!

Notice of Nondiscrimination
The WSU TECH Board of Directors supports and complies with Title VI and Title VII of the Civil Rights Act of 1964 as amended, Section 504 of the Rehabilitation Act of 1973 and Amendments, The Americans with Disabilities Act, Title IX and all requirements imposed by or pursuant to the regulations of the Department of Health and Human Services and the Department of Education. It is the policy of the Board of Directors that no person in the United States (on the grounds of race, color, religion, sex, national origin, ancestry or disability) shall be excluded from participation in, denied the benefit of or otherwise subjected to discrimination under any program or activity of, or employment with WSU Tech. Persons with inquiries may contact the Human Resources Director at 4004 N. Webb Road Wichita, KS 67226 or by phone at 316.677-9500.

Legal Citation
Opportunities in Applied education and job placement at WSU TECH are available to all students regardless of race, color, national origin, sex or disability in compliance with Title VI:34 CFR 100.3(b) Guidelines VII-A, Title IX: 34 CFR 106.31(d), Section 504: CFR 104.4(b)

This Memorandum of Understanding (MOU) sets forth the terms and understanding between WSU Tech and USD 248 to provide the above checked services for the CTEC programs to publicly support WSU Tech students.

Contact Information and Signatures

District Name: USD 248
Partner Representative Name: CTEC
Position Title: Superintendent
Address: 415 North Summit
Telephone: 620-724-4326
E-mail: tferguson@girard248.org
Signature: _____
Date: 10/18/25

WSU Tech
WSU Tech Representative Name:
Position:
Address: 4004 N. Webb Rd., Wichita, KS 67226
Telephone:
E-mail:
Signature: _____
Date: 10/18/25

Collaboration Agreement between
Wichita State University Campus of Applied Sciences and Technology (WSU Tech)
and

This Memorandum of Understanding (MOU) sets forth the terms and understanding between Wichita State University Campus of Applied Sciences and Technology (WSU Tech) and USD 249 to provide support and opportunities for the programs outlined in this document to publicly support WSU Tech students.

Background

This MOU serves as notification that USD 249 recognizes a need to develop a talent pool in this industry for specific program(s). This partnership outlines opportunities for the organization to support WSU Tech. The opportunities are listed below in their entirety and include membership on the Industry Advocate Team, hosting Applied Learning Opportunities, and providing Guaranteed Interviews and/or other aspects of support designed to increase the workforce by removing barriers for individuals being trained to enter the pipeline.

Purpose

This MOU will establish the role of and scope of agreed involvement for USD 249 in regard to aforementioned programs. Involvement and participation is defined by supporting the goals set out below for outreach, coordination, and retention campaigns/ events for enriching, sourcing, and securing a viable talent pipeline.

Support will be accomplished by USD 249 undertaking the following activities in these critical areas. The programs involved include:(Please check which areas you wish to participate in.)

Automation Engineer Technology
Community HealthCare Worker
✓Masonry
✓Heavy Equipment Operator
Electric Power Distribution
Data Center Technician

School Partners will:

☑ Engage in Industry Advocate Team meetings twice a year to provide input in curriculum guidance, focus groups on retention and recruitment for students.

☑ Provide opportunities for students to engage with WSU Tech in-person or virtually through career awareness activities in regards to the aforementioned programs.

☑ Provide constructive feedback as appropriate.

☑ Refer interested high school students to WSU Tech for enrollment opportunities in programs above.

Reporting of Outcomes
Reports and evaluation of program effectiveness and adherence to the agreement will be ongoing and communicated to employer partners annually.

Funding
This MOU is not a commitment of funds; however, WSU Tech personnel are available to discuss scholarship opportunities to help partners grow their own educational opportunities and offerings as well as social media marketing and asset donations.

Duration
This MOU is at will and may be modified by mutual consent of authorized officials from WSU Tech and USD 249 .This MOU shall become effective upon signature by the authorized officials from WSU Tech and USD 249 and will remain in effect until modified or terminated by any one of the partners by mutual consent.

Your generosity and collaboration for the students of WSU Tech is greatly appreciated and we are honored to have you as a supporter and partner!

Notice of Nondiscrimination
The WSU TECH Board of Directors supports and complies with Title VI and Title VII of the Civil Rights Act of 1964 as amended, Section 504 of the Rehabilitation Act of 1973 and Amendments, The Americans with Disabilities Act, Title IX and all requirements imposed by or pursuant to the regulations of the Department of Health and Human Services and the Department of Education. It is the policy of the Board of Directors that no person in the United States (on the grounds of race, color, religion, sex, national origin, ancestry or disability) shall be excluded from participation in, denied the benefit of or otherwise subjected to discrimination under any program or activity of, or employment with WSU Tech. Persons with inquiries may contact the Human Resources Director at 4004 N. Webb Road Wichita, KS 67226 or by phone at 316.677-9500.

Legal Citation
Opportunities in Applied education and job placement at WSU TECH are available to all students regardless of race, color, national origin, sex or disability in compliance with Title VI:34 CFR 100.3(b) Guidelines VII-A, Title IX: 34 CFR 106.31(d), Section 504: CFR 104.4(b)

This Memorandum of Understanding (MOU) sets forth the terms and understanding between WSU Tech and USD 249 SEK-CTEC to provide the above checked services for the programs to publicly support WSU Tech students.

Contact Information and Signatures

District Name: Frontenac USD #249
Partner Representative Name: Brandy Stanley
Position Title: Dist. Coordinator / Interim. Supt.
Address: 208 S. Cayuga, Frontenac
Telephone: 620-231-7551
E-mail: bstanley@frontenac249.org
Signature: Brandy Stanley
Date: 11-19-25

WSUTech
WSU Tech Representative Name:
Position:
Address: 4004 N. Webb Rd., Wichita, KS 67226
Telephone:
E-mail:
Signature: _____
Date:

Collaboration Agreement between
Wichita State University Campus of Applied Sciences and Technology (WSU Tech)
and USD #250 Pittsburg Public Schools

This Memorandum of Understanding (MOU) sets forth the terms and understanding between Wichita State University Campus of Applied Sciences and Technology (WSU Tech) and USD #250 Pittsburg Public Schools to provide support and opportunities for the programs outlined in this document to publicly support WSU Tech students.

Background
This MOU serves as notification that USD #250 Pittsburg Public Schools recognizes a need to develop a talent pool in this industry for specific program(s). This partnership outlines opportunities for the organization to support WSU Tech. The opportunities are listed below in their entirety and include membership on the Industry Advocate Team, hosting Applied Learning Opportunities, and providing Guaranteed Interviews and/or other aspects of support designed to increase the workforce by removing barriers for individuals being trained to enter the pipeline.

Purpose
This MOU will establish the role of and scope of agreed involvement for USD #250 Pittsburg Public Schools in regard to aforementioned programs. Involvement and participation is defined by supporting the goals set out below for outreach, coordination, and retention campaigns/ events for enriching, sourcing, and securing a viable talent pipeline.

Support will be accomplished by USD #250 Pittsburg Public Schools undertaking the following activities in these critical areas. The programs involved include:(Please check which areas you wish to participate in.)

Automation Engineer Technology
Community HealthCare Worker
✔Masonry
✔Heavy Equipment Operator
Electric Power Distribution
Data Center Technician

School Partners will:

- ☑ Engage in Industry Advocate Team meetings twice a year to provide input in curriculum guidance, focus groups on retention and recruitment for students.
- ☑ Provide opportunities for students to engage with WSU Tech in-person or virtually through career awareness activities in regards to the aforementioned programs.
- ☑ Provide constructive feedback as appropriate.
- ☑ Refer interested high school students to WSU Tech for enrollment opportunities in programs above.

Reporting of Outcomes

Reports and evaluation of program effectiveness and adherence to the agreement will be ongoing and communicated to employer partners annually.

Funding

This MOU is not a commitment of funds; however, WSU Tech personnel are available to discuss scholarship opportunities to help partners grow their own educational opportunities and offerings as well as social media marketing and asset donations.

Duration

This MOU is at will and may be modified by mutual consent of authorized officials from WSU Tech and USD #250 Pittsburg Public Schools .This MOU shall become effective upon signature by the authorized officials from WSU Tech and USD #250 Pittsburg Public Schools and will remain in effect until modified or terminated by any one of the partners by mutual consent.

Your generosity and collaboration for the students of WSU Tech is greatly appreciated and we are honored to have you as a supporter and partner!

Notice of Nondiscrimination

The WSU TECH Board of Directors supports and complies with Title VI and Title VII of the Civil Rights Act of 1964 as amended, Section 504 of the Rehabilitation Act of 1973 and Amendments, The Americans with Disabilities Act, Title IX and all requirements imposed by or pursuant to the regulations of the Department of Health and Human Services and the Department of Education. It is the policy of the Board of Directors that no person in the United States (on the grounds of race, color, religion, sex, national origin, ancestry or disability) shall be excluded from participation in, denied the benefit of or otherwise subjected to discrimination under any program or activity of, or employment with WSU Tech. Persons with inquiries may contact the Human Resources Director at 4004 N. Webb Road Wichita, KS 67226 or by phone at 316.677-9500.

Legal Citation

Opportunities in Applied education and job placement at WSU TECH are available to all students regardless of race, color, national origin, sex or disability in compliance with Title VI:34 CFR 100.3(b) Guidelines VII-A, Title IX: 34 CFR 106.31(d), Section 504: CFR 104.4(b)

This Memorandum of Understanding (MOU) sets forth the terms and understanding between WSU Tech and USD #250 Pittsburg Public Schools to provide the above checked services for the CTEC programs to publicly support WSU Tech students.

Contact Information and Signatures

District Name: USD #250 Pittsburg Public Schools
Partner Representative Name: J.B. Elliott
Position Title: Superintendent
Address: 510 Deill Pittsburg, KS 66762
Telephone: 620-235-3100
E-mail: jelliott@usd250.org
Signature: J.B. Elliott
Date: 11/18/25

WSU Tech
WSU Tech Representative Name:
Position:
Address: 4004 N. Webb Rd., Wichita, KS 67226
Telephone:
E-mail:
Signature: _____
Date: 11/18/25

KBOR Fiscal Summary for Proposed Academic Programs

CA-1a Form (July 2024)

Institution: Wichita State University Campus of Applied Sciences and Technology
Proposed Program: Masonry Construction

IMPLEMENTATION COSTS				
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:		10	--	
Part II. Initial Budget		Implementation Year		
A. Faculty		Existing:	New:	Funding Source:
Full-time	#1	$40,000 As the program shares instructional personnel with HEO, the allocated funds correspond to half of a full-time faculty cost during year one.		Program Budget
Part-time/Adjunct	#	$	$	
		Amount		Funding Source
B. Equipment required for program		0		
C. Tools and/or supplies required for the program		$0		
D. Instructional Supplies and Materials		$1000.00		Program Budget
E. Facility requirements, including facility modifications and/or classroom renovations		$0		
F. Technology and/or Software		$		
G. Other *(Please identify; add lines as required)*		0		
Total for Implementation Year		41,000		

PROGRAM SUSTAINABILITY COSTS (Second and Third Years)				
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:		10 – each year	--	
Part II. Ongoing Program Costs		First Two Years		
A. Faculty		Existing:	New:	Funding Source:
Full-time	#1	$86,000 As the program shares	$	Program Budget

		instructional personnel with HEO, the allocated funds correspond to half of a full-time faculty cost during years two and three		
Part-time	#	$	$	

	Amount	Funding Source
B. Equipment required for program	0	
C. Tools and/or supplies required for the program	$0	
D. Instructional Supplies and Materials	$2,000	Program Budget
E. Facility requirements, including facility modifications and/or classroom renovations	$0	
F. Technology and/or Software	$0	
G. Other *(Please identify; add lines as required)*	0	
Total for Program Sustainability	88,000	Program Budget

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

The AGC of Kansas provides funding that ensures students in many WSU Tech programs receive NCCER digital content at no cost. Thanks to this support, students in the Masonry Construction will not have to pay for their books.

Submit the completed CA-1a application and supporting documents as a PDF included in the CA1 completed application packet.

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	Wichita State University Campus of Applied Sciences and Technology
Name, title, phone, and email of person submitting the Perkins Eligibility application *(contact person for the approval process)*	Dr. Jennifer Seymour Vice President of General Education & Applied Technologies Jseymour2@wstech.edu 316.677.1695
Name, title, phone, and email of the Perkins Coordinator	Tara Carlile Perkins Coordinator & Grants Specialist 316.677.9547 Tcarlile1@wsutech.edu
Program Name	Masonry Construction
Program CIP Code	46.0101
Educational award levels and credit hours for the proposed request(s)	AAS – 60 credits Certificate B – 38 credits
Number of concentrators for the educational level	10 concentrators per year
Does the program meet program alignment?	N/A
How does the needs assessment address the occupation and the program *(provide page number/section number from the CLNA and describe the need for the program)*	Masonry Construction (CIP Code 46.0101) is not specifically identified in the most recent Perkins Comprehensive Local Needs Assessment (CLNA) report; however, it falls under the broader occupational category of *Construction Trades* as defined by the National Center for Education Statistics (NCES). The most recent CLNA report (page 13) lists *Construction* among the pathways and programs with too few concentrators relative to the number of available job openings. This finding indicates a persistent regional and statewide demand for skilled workers in construction-related fields, including masonry.
Justification for conditional approval: *(how will Perkins funds will be used to develop/improve the program)*	At WSU Tech Perkins funding for new programs is allocated for several uses designed to enhance the overall quality of the program. The plan includes

Carl D. Perkins Funding
Eligibility Request Form

Strengthening Career and Technical Education for the 21st Century Act

CA-1c Form (2022)

	professional development opportunities for faculty so they can enhance their skills in the programmatic areas and the art and science of teaching, equipment, and curriculum development.
Pursuant to Americans with Disabilities Act, the proposed program will be offered in a location or format is fully accessible, according to applicable ADA laws? *(Contact Board staff for technical assistance if there are questions regarding accessibility)*	This program will be offered in multiple modalities. All courses meet accessibility standards. The face-to-face courses will take place on the City Center and CTEC locations which meets ADA accessibility requirements. The City Center campus also includes a fully accessible hybrid/hyflex classroom designed for the effective delivery of online content. Additionally, faculty members are provided with accessibility training, and faculty representatives on the Accessibility Committee provides support and training as needed.

Signature of College Official__ ____ Date_12/5/2025_

Signature of KBOR Official_____ Date_____

Kansas Promise
Eligibility Request Form

CA-1d Form (2024)

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) Transportation, Distribution and Logistics

Name of Institution	Wichita State University Campus of Applied Sciences and Technology
Name, title, and email of person responsible for Academic program	Dr. Jennifer Seymour Vice President of General Education & Applied Technologies Jseymour2@wstech.edu 316.677.1695

Kansas Promise
Eligibility Request Form

CA-1d Form (2024)

Name, title, and email of Financial Aid contact	Lacey Ledwich Executive Director, Financial Aid & scholarships 316.677.9421 lledwich@wsutech.edu

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
46.0101	Masonry Construction	High Wage	AAS CERT B	

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:

Kansas Promise
Eligibility Request Form

CA-1d Form (2024)

Signature of College Official_  ___ Date_12/5/2025_

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

Last updated: 3/7/2024

Masonry Construction Advisory Meeting
November 18, 2025
~ MINUTES ~

Location: SEK-CTEC WSU Tech Campus
Call Meeting to Order: 11:50 am

1.0 Introductions - Sign In

Tommy Myers, Crossland Construction
Davis Oehme, Welding Instructor WSU Tech
Jon Jones, PSU/Jones Construction
James Kukovich, Unique Metals
Nick Stroud, Sanderson Pipe
Todd Allison, Progressive Products
Chris Jordan, Unique Metals
Zach Harris, NVent
Douglas Strong, Strong Masonry
Todd Plouvier, Sanderson Pipe

2.0 Campus Report

2.1 Masonry Construction - Nacoma Oehme

- Enrollment
  - 14 first year students and 3 second year students

First year students are working on leads, buttering brick and furrowing to start the semester. First year students are working through NCCER Core Curriculum modules and taking reinforcement quizzes. Second year students are working on advanced masonry techniques and hands-on community based projects. The Advisory Board asked why there are only three second year students returning. One reason is that returning students have enough skill set after year one, they have acquired employment in the off months that is eye opening to them. The revenue stream acquired is sufficient to them for that program and they have chosen other programs to continue different certificate paths. Further research and data collection will be needed to validate.

3.0 Community Service Projects

- City of Pittsburg Airport Memorial Restoration
- Girard Fairgrounds, WPA Restoration Project

4.0 Review of program course list with outcomes covering Certificates through Associate Degree.

The Advisory Board reviewed the program course list printouts. The Advisory Board had questions regarding program accreditation through NCCER that were clarified by the director. Questions arose regarding the amount of seat time and curriculum rigor. Clarifications were given regarding the different steps in the degree map and the spacing of individual courses through the program. The Advisory Board reinforced industries' need for students with site preparation, accountability and safety training skills. No other questions were brought forth regarding the programming or timing.

5.0 Donations and Current Needs:

Industry donations of masonry materials and facilitators of industry specific safety training. The Masonry Construction program is successful due to the generosity of donated materials. Donors are recognized by on-site signage, through our digital platforms and during local events.

6.0 Action Items

6.1 Motion for Advisory Board to approve Masonry Construction program submission as presented.

Motion: Doug Strong Second: James Kukovich Vote: 10 - YES, 0 - NO

7.0 Adjourn at 12:25 pm

Program Course List

Program Name: Masonry Construction

Course Number	Title	Credits	Relationship	Description	Pre/Corequisites
MAS 123	Masonry Materials and Methods	5	Required AAS CERT B	This course introduces foundational concepts and hands-on skills essential to the masonry trade. Students learn to identify and work with various masonry units, safely operate hand and power tools, and prepare mortar for structural applications. Emphasis is placed on developing core laying techniques, understanding material properties, and applying industry-standard safety practices. Upon completion, students will be prepared to perform basic masonry tasks in residential and light commercial settings.	
MAS 133	Masonry Installation Practices	5	Required AAS CERT B	This course builds foundational masonry skills with an emphasis on accurate layout, measurement, and construction techniques used in the field. Students apply industry standards to interpret drawings and specifications, mix mortar to required properties,	MAS 123

				and construct masonry walls with proper alignment and spacing. Focus is placed on precision, efficiency, and adherence to safety and quality standards in both residential and commercial applications.	
MAS 143	Masonry Layout and Bonding Techniques	6	Required AAS CERT B	This course emphasizes advanced layout, bonding, and reinforcement methods used in structural and architectural masonry projects. Students interpret complex blueprints, establish control lines and elevations, and construct arches, corners, and reinforced masonry assemblies. Hands-on projects focus on precision, sequencing, and inspection of masonry work to meet commercial construction standards and specifications.	MAS 133
MAS 159	Structural Masonry Applications	5	Required AAS CERT B	This course focuses on the planning and construction of structural masonry systems used in residential and light commercial projects. Students interpret architectural and structural drawings to estimate materials, layout reinforced walls, and apply proper rebar placement, grouting, and vibration techniques. Emphasis is placed on code	MAS 133

				compliance, precision in construction, and the integration of masonry with other building systems. Practical lab activities include the completion of foundations, bond beams, chimneys, and other load-bearing assemblies.	
MAS 169	Masonry Finishes and Specialty Systems	5	Required AAS CERT B	This course focuses on advanced masonry techniques and specialty installations used in complex residential and commercial projects. Students construct openings, arches, and decorative bonds while integrating metalwork, lintels, and structural supports. Emphasis is placed on environmental considerations, quality assurance, and the use of proper bracing and safety systems when working at height. Learners will refine their craftsmanship and precision to meet industry standards for high-quality finishes and advanced masonry systems.	MAS 159
MAS 179	Advanced Masonry Laying Techniques	6	Required AAS CERT B	This course serves as a capstone experience in masonry construction, integrating advanced techniques, project management, and leadership skills. Students plan and execute complex projects involving	MAS 169

				stone masonry, glazed and glass block installations, and large-scale layouts using precision instruments. Emphasis is placed on estimating, scheduling, and team coordination to meet project specifications and industry standards. Learners demonstrate mastery of craftsmanship, safety, and communication as they prepare for supervisory roles within the masonry field.	
CCP100	Introductory Craft Skills	3	Required AAS CERT B	This course is the Core Curriculum for Introductory Craft Skills under the National Center for Construction Education (NCCER). This course is NCCER's basic course for all construction, maintenance and pipeline organizations. This course covers basic safety obligations of workers, supervisors and managers; reviews the role of company policies and OSHA regulations; introduces trainees to hand and power tools widely used in the construction industry, and their proper uses. Students will also become familiarized with basic blueprint terms, components and symbols.	SAF 101
CCP108	Construction Basics	2	Required AAS	This course is the curriculum for	CCP 100

			CERT B	Carpentry Basics under the National Center for Construction Education (NCCER). The course covers eight topics and starts by introducing the carpentry trade, including history, career opportunities, and requirements. The course includes study and practice required for framing a simple structure. Specific topics are building materials, fasteners and adhesives, hand and power tools, reading plans & elevations, floor systems, wall and ceiling framing, roof framing and windows and exterior doors.	
CCP112	Carpentry I	3	Required AAS	Carpentry I is the introductory course in a two-course series. This course, aligned with the NCCER General Carpentry 6th edition modules, provides a comprehensive foundation in carpentry skills. The curriculum encompasses Orientation to Carpentry, Building Materials and Fasteners, Construction Plans and documents, and Principles of Site and Building Layout.	CCP 108
CCP122	Carpentry II	4	Required AAS	Carpentry II builds upon the foundational skills acquired in Carpentry I. This course focuses on constructing and	CCP 112

				assembling floor systems, wall systems, roof framing, basic stair layout, and building envelope systems. The curriculum is aligned with the NCCER General Carpentry 6th edition modules, ensuring an industry-relevant learning experience.	
SAF 101	Safety Orientation/OSHA 10	1	Required AAS CERT B	This course provides a fundamental understanding of OSHA Safety for the Construction Industry. Students who successfully complete the course will be issued a Department of Labor (DOL) 10 hour card.	N/A
ENG 101	Composition I	3	Required AAS	This course is designed to improve the reading and writing skills of students. The emphasis is on fundamental principles of written English in structurally correct sentences, paragraphs and expository themes. Critical analysis of essays will be used to aid in developing the student's thinking, support of thesis and style. Students are introduced to the basic components of research by writing a documented essay in Modern Language Association (MLA) style.	
Communications Elective		3	Required AAS	This is the placeholder for the communication elective. Students may enroll in the	

				following courses to fulfill the communication elective: SPH101 Public Speaking or SPH 111 Interpersonal Communication.	
Humanities Elective		3	Required AAS	This is the placeholder for the Humanities elective. Students may enroll in the following courses to fulfill the Humanities elective: ART 100 Art Appreciation, ENG 110 Introduction to Literature, ENG 205 Introduction to Creative Writing , HIS 110 United States History to 1877, HIS 120 United States History since 1865, HIS 130 World History I, MGT 111 Business Ethics, PHL 110 Ethics, PHL 115 Logic, REL 101 New Testament, THR 100 Theater Appreciation	
Social Science Elective		3	Required AAS	This is the placeholder for the Social Science elective. Students may enroll in the following courses to fulfill the social Science elective: CRJ 101 Introduction to Criminal Justice, CRJ 155 Policing Diverse Cultures, ECO 105 Principles of Macroeconomics, ECO 110 Principles of Microeconomics, POL 101 American Government, PSY 101 General Psychology, PSY110 Child Psychology, PSY 120 Developmental Psychology, SOC 101	

				Principles of Sociology, GEO 101 Principles of Geography, SOC 115 Social Problems	
Math Elective		3	Required AAS	This is the place holder course for the math electives. To fulfill these elective students may choose between MTH 107, 108, MTH 110, MTH 112, MTH 119, or MTH 120	

Degree Map

Associate of Applied Sciences: Masonry Construction

Semester 1

Course #	***Course Title***	***Credits***	***Function***
SAF 101	*Safety Orientation/OSHA 10*	1	Technical
MAS 123	*Masonry Materials and Methods*	5	Technical
MAS 133	*Masonry Installation Practices*	5	Technical
	Math Elective	3	General Education

Semester 2

Course #	***Course Title***	***Credits***	***Function***
MAS 159	*Structural Masonry Applications*	5	Technical
MAS 169	Masonry Finishes and Specialty Systems	5	Technical
Eng 101	*Composition*	3	General Education
	Communication Elective	3	General Education

Semester 3

Course #	***Course Title***	***Credits***	***Function***
CCP 100	*Introductory Craft Skills*	3	Technical

CCP 108	*Construction Basics*	2	Technical
MAS 143	*Masonry Layout and Bonding Techniques*	6	Technical
	Humanities Elective	3	General Education

Semester 4

Course #	***Course Title***	***Credits***	***Function***
MAS 179	*Advanced Masonry Laying Techniques*	6	Technical
CCP 112	*Carpentry I*	3	Technical
CCP 122	*Carpentry II*	4	Technical
	Social Science Elective	3	General Education

Technical Certificate B: Masonry Construction

Semester 1

Course #	***Course Title***	***Credits***	***Function***
SAF 101	*Safety Orientation/OSHA 10*	1	Technical
MAS 123	*Masonry Materials and Methods*	5	Technical
MAS 133	*Masonry Installation Practices*	5	Technical

Semester 2

Course #	***Course Title***	***Credits***	***Function***
MAS 159	*Structural Masonry Applications*	5	Technical
MAS 169	Masonry Finishes and Specialty Systems	5	Technical

Semester 3

Course #	***Course Title***	***Credits***	***Function***
CCP 100	*Introductory Craft Skills*	3	Technical
CCP 108	*Construction Basics*	2	Technical
MAS 143	*Masonry Layout and Bonding Techniques*	6	Technical

Semester 4

Course #	***Course Title***	***Credits***	***Function***
MAS 179	*Advanced Masonry Laying Techniques*	6	Technical

Location: virtual
Date: November 20, 2025
Time: 3:00 pm

Program Review Committee

Attendees

Shelby Lowen	Chair-Dean of Curriculum, Assessment & Accreditation (ex-officio)	
Orville Brown	Assistant Dean, Building Trades	
Amanda Hackerott	Faculty & Program Director, Veterinary Nursing	X
Kendra Heim	Faculty & Department Chair, Education & Social Sciences	X
Jess Hendricks	Faculty, Aerospace Manufacturing	X
Dawn Kealey	Assistant Dean, Aviation	X
Pam Layman	Director, Academic Transitions	X
Matthew Lewis	Faculty & Dean IT Programs	
Victoria Philo	Faculty & Program Director, Advanced Technology	X
Brandie Thompson	Faculty & Department Chair, Interior Design	X
Flora Diaz	Faculty & Program Director, ADN	
Lauren Thornhill	Faculty & Program Director, Phlebotomy & EKG	
Diana Holladay	Manager, Teaching & Learning Center (ex-officio)	X
Jim Hall	VP, Aviation & Workforce Development (ex-officio)	
Sarah Leftwich	VP, Health Sciences, Nursing, & Grants Mgmt. (ex-officio)	
Scott Lucas	VP, Manufacturing & Workforce Solutions (ex-officio)	
Trish Schmidt	VP, Instructional & Academic Support (ex-officio)	x
Jennifer Seymour	VP, General Education & Applied Technologies (ex-officio)	X
Jessi Lane	Dean, Applied Technologies	x
Jena Roth	Dean, High School Partnerships	X

I. Objectives/Agenda

a. New Program and/or Program Revision approvals – Trish

II. Discussion

a. New Program approvals – Jessi lane presented three new programs in the Applied Technologies area
   i) MAS – Masonry Construction: See Appendix A
      (1) MAS Program curriculum approved as presented, AAS & TC; Unanimous faculty approval
   ii) HEO – Heavy Equipment Operation: See Appendix B
      (1) HEO Program curriculum approved as presented, AAS & TC; Unanimous faculty approval
   iii) EPD – Electric Power Distribution: See Appendix C

(1) EPD Program curriculum approved as presented, AAS & TC, Unanimous faculty approval

b. Program Revision approvals – Trish introduced this topic indicating that the programs adjusted for AY 25.26 to include Masonry and Heavy Equipment Operator needed to be revised to remove those curriculum areas. Jessi Lane presented the revised curriculum to the committee

i) Construction Technology

(1) CCP revision for AY 26.27 presented. This revision returns the program to its original format before the inclusion of Masonry.

(a) CCP program revision fully approved as presented, AAS & TC CERT A and CERT C. CERT B expired

ii) Mobile Equipment Technology

(1) EQP revision for AY 26.27 presented. This revision includes the following

- removes Heavy Equipment Operator from the EQP programming
- assigns EQP course codes to all courses except for TAS 160
- provides for better alignment with Caterpillar curriculum at the AAS level

(a) EQP program revision fully approved as presented, AAS & TC with multiple pathways

III. Action Items

a. TBD

IV. Upcoming Dates

a. December 4
b. January 15
c. February 5
d. March 5
e. April 2
f. April 17 – SOAR Showcase

Appendix A – Masonry Construction

1. Rationale for Development

The Southeast Kansas Career and Technical Education Center (SEK CTEC) previously partnered with Fort Scott Community College to award college credit for its technical programs. Following the mutual decision to end that partnership after the 2024–2025 academic year, SEK CTEC sought support from WSU Tech to maintain uninterrupted educational access for roughly 200 students each semester. After review by WSU Tech leadership, its Board of Trustees, and Pittsburg State University, WSU Tech agreed to assume educational oversight beginning in August 2025.

To support the transition, WSU Tech received temporary KBOR approval to embed a Masonry track within its Construction Technology program, ensuring students previously affiliated with Fort Scott could continue progressing toward completion. All students were formally transferred to WSU Tech in August 2025.

With the transition complete, WSU Tech now proposes establishing a standalone Masonry Construction program, offering both a Technical Certificate and an AAS degree at the SEK CTEC location. At the same time, Construction Technology will be revised to remove the temporarily added masonry courses, returning it to its original general construction focus.

2. Degree/Exit Point(s)

Associate of Applied Sciences – 60 Credits
Technical Certificate – CERT B 38 Credits

3. Program Description

The Masonry Technology program prepares students for careers in the construction industry as skilled brick masons and block masons. Students gain hands-on experience in the layout,

construction, and repair of structures using brick, block, and stone materials, while learning to read blueprints, mix and apply mortar, and safely operate industry-standard tools and equipment.

4. **Program-Level Outcomes**
    1. Apply safety standards and job site procedures to maintain compliance with OSHA and industry expectations in all phases of masonry work.
    2. Interpret construction drawings, specifications, and codes to plan and execute masonry projects accurately.
    3. Select, prepare, and maintain masonry tools, materials, and equipment for proper and efficient use in the field.
    4. Mix, test, and apply mortar, grout, and reinforcement materials to achieve required strength and finish quality.
    5. Lay and align masonry units using appropriate bonding, leveling, and spacing techniques for structural and decorative applications.
    6. Construct structural and specialty masonry systems such as walls, arches, openings, and veneers according to trade standards.
    7. Perform inspection and quality assurance checks to ensure dimensional accuracy, surface finish, and code compliance.
    8. Estimate material quantities and labor requirements for residential and commercial masonry projects.

5. **Demand for the Program**

    Kansas labor-market data supports program offerings at the AAS, Technical Certificate, and Certificate of Completion levels. According to the Kansas Long-Term Occupational Projections (2022–2032) and the Kansas 2025 Occupational Employment Demand report for High Demand, Emerging Demand, and High Wage Occupations, the occupation shows 54 projected annual openings statewide, with hourly wages ranging from $25.20–$27.36 (approximately $52,420–$56,910 annually) for roles aligned to certificate and AAS-level preparation.

    Additional regional labor data from Lightcast Q4 2025 shows strong workforce need in south-central and southeast Kansas, with 925 existing positions in 2024 and 69 job postings from 18 employers between January 2024 and September 2025. The region averaged 21 hires per month, demonstrating consistent employer demand for masonry and related construction skills

6. **Degree Map(s)**
    See attached degree map

7. **Program Accreditation**

The program has integrated the NCCER Masonry curriculum with students obtaining up to multiple certifications. No program accreditation will be pursued at this time

8. **Faculty Resources**

This program will utilize current faculty to teach all technical courses. Nacoma Oehme exceeds the WSU Tech requirements for technical faculty (4000 hours experience in the field or closely related field).

- Teaching Experience: 15 years
- Industry Experience: 20 Years
- Academic/Industry Credentials:

General Education courses will be taught by existing faculty members who meet or exceed the general education standards at WSU Tech. The faculty meet or exceed the expectations for faculty credentials

9. **Cost for Students**

AAS: $13,725
TC $9,880
Cost does not include online fees, books or tools and is subject to changes based on FY 27 budget process.

Appendix B – Heavy Equipment Operation

1. **Rationale for Development**

The Southeast Kansas Career and Technical Education Center (SEK CTEC) previously partnered with Fort Scott Community College to award college credit for its technical programs. Following the mutual decision to end that partnership after the 2024–2025 academic year, SEK CTEC sought support from WSU Tech to maintain uninterrupted educational access for two hundred students each semester. After review by WSU Tech leadership, its Board of Trustees, and Pittsburg State University, WSU Tech agreed to assume educational oversight beginning in August 2025.
To support the transition, WSU Tech received temporary KBOR approval to embed a Heavy Equipment Operator track within its Mobile Equipment Technology program, ensuring students previously affiliated with Fort Scott could continue progressing toward completion. All students were formally transferred to WSU Tech in August 2025.

With the transition complete, WSU Tech now proposes establishing a standalone Heavy Equipment Operator program, offering both a Technical Certificate and an AAS degree at the SEK CTEC location. At the same time, Mobile Equipment Technology will be revised to remove the temporarily added heavy equipment courses, returning it to its original focus.

2. Degree/Exit Point(s)

Associate of Applied Sciences – 60 Credits
Technical Certificate – CERT B 35 Credits

3. Program Description

The Heavy Equipment Operation program prepares students with the technical knowledge and hands-on skills required to operate and maintain a wide range of construction and earthmoving equipment used in the heavy civil and infrastructure industries. Students gain practical experience on industry-standard machines such as loaders, dozers, excavators, motor graders, scrapers, and dump trucks while applying principles of earthmoving, grading, and compaction.

4. Program-Level Outcomes

1. Inspect, maintain, and operate heavy equipment safely and efficiently in accordance with manufacturer and regulatory standards.
2. Apply earthmoving, grading, and compaction principles to perform sitework operations within design tolerances.
3. Interpret civil drawings, grade stakes, and layout data to establish grades and excavation limits.
4. Operate multiple types of heavy equipment—including loaders, dozers, excavators, and graders—to perform coordinated site preparation activities.
5. Demonstrate safe work practices, communication, and traffic control within active construction sites.
6. Evaluate soil types, equipment capabilities, and site conditions to determine the most effective operational approach.
7. Collaborate with a team to complete field-based projects simulating real-world jobsite operations.

5. Demand for the Program

Kansas labor-market indicators consistently show strong demand for Heavy Equipment Operators and related occupations across multiple education levels. According to the Kansas Long-Term Occupational Projections (2022–2032) and the Kansas 2025 Occupational Employment Demand Report, programs aligned to the AAS and Certificate B (30–44 credit hours) levels correspond to occupations ranked 71 out of 796 in statewide high-demand categories, with approximately 604 annual job openings and median wages ranging from $51,940 to $55,760.

Lightcast Q4 2025 further reinforces the need for a Kansas-based Heavy Equipment Operation training pipeline. From 2024 to 2025, employment for Heavy Equipment Operators is projected to grow by 1.4%, reaching more than 7,100 jobs statewide, with a median annual wage of $50,551. Kansas sees an average of fifty-two job postings per month and 699 annual openings, yet produced only 20 program completions in 2024, demonstrating a significant talent shortage.

6. **Degree Map(s)**
   See attached degree map.

7. **Program Accreditation**

   The program has integrated the NCCER Heavy Equipment Operator curriculum with students obtaining up to multiple certifications. No program accreditation will be pursued at this time.

8. **Faculty Resources**

   This program will utilize current faculty to teach all technical courses. Faculty members exceed the WSU Tech requirements for technical faculty (four thousand hours experience in the field or closely related field).

   General Education courses will be taught by existing faculty members who meet or exceed the general education standards at WSU Tech. The faculty meets or exceeds the expectations for faculty credentials.

9. **Cost for Students**
   CERT B: $10,500
   AAS: $15,525
   Cost does not include online fees, books or tools and is subject to changes based on FY 27 budget process.

Appendix C - Electric Power Distribution

1. **Rationale for Development**

   Kansas labor-market data clearly show a strong statewide need for an Electric Power Distribution program. Electrical Power-Line Installers and Repairers (SOC 49-9051) are classified as high-demand occupations with 116 annual openings, and Lightcast data indicate continued job growth and major employment concentrations in Wichita, Kansas City, and Topeka. Yet Kansas produced only 75 program completers in 2024—far below the number of workers needed.

   This demand is reinforced by direct industry engagement. The largest power company in Kansas approached WSU Tech to request that the college establish a Wichita-based training program to meet critical workforce needs. With 411 unique postings from 55 employers over the past two years, this field reflects urgent and sustained demand. Developing this program

directly aligns with Kansas workforce priorities and addresses a clearly documented regional and statewide shortage.

2. Degree/Exit Point(s)

Associate of applied Sciences – 63 Credits
Technical Certificate – 42 Credits

3. Program Description

The Electric Power Distribution program prepares students for careers in the electrical utility industry as power line workers responsible for building, maintaining, and repairing overhead and underground electrical distribution systems. Through a combination of classroom instruction, hands-on training, and field experience, students develop the technical knowledge and physical skills required to safely work with high-voltage systems. Coursework covers electrical theory, pole climbing, rigging, equipment operation, system maintenance, and live-line procedures.

4. Program-Level Outcomes

1. Demonstrate safe work practices in accordance with OSHA and NESC regulations.
2. Apply electrical theory to the installation, maintenance, and repair of power distribution systems.
3. Climb and work on poles and structures using approved safety equipment and procedures.
4. Operate utility vehicles and line equipment for rigging, excavation, and pole setting.
5. Install and maintain overhead and underground distribution lines and components.
6. Troubleshoot and repair electrical distribution system faults.
7. Demonstrate proficiency in the use, inspection, and maintenance of line worker tools, equipment, and personal protective gear in accordance with utility and manufacturer specifications.

5. Demand for the Program

Kansas labor-market data clearly demonstrate sustained, statewide demand for Electrical Power-Line Installers and Repairers (SOC 49-9051), with 116 annual openings and median wages consistently reported between $89,950 and $102,321, depending on the data source. Both the *Kansas Long-Term Occupational Projections (2022–2032)* and the *Kansas 2025 High Demand/Emerging Demand/High Wage Report* identify this occupation as high-demand and high-wage, with typical entry requirements of a high school diploma, making it well-aligned to AAS and certificate-level training. Despite the strong wages and employment need, only two

institutions in Kansas produced 75 program completers in 2024, far below the number of annual openings.

Lightcast Q4 2025 data reinforce this statewide need, showing job growth of 1.6%, high concentrations of positions in Wichita, Kansas City, and Topeka, and 411 employer postings from 55 companies during 2024–2025—led by major utilities such as Evergy, MasTec, and Wolf Creek. With more than 1,500 jobs statewide, nearly half within Electric Power Generation, Transmission, and Distribution industries, Kansas faces a clear workforce shortage. Collectively, the strong wage levels, consistent employer demand, and insufficient supply of trained workers make a compelling case for establishing a new Electric Power Distribution program.

6. **Degree Map(s)**
   See attached degree map

7. **Program Accreditation**

   The program will utilize the nationally recognized NCCER curriculum, and students will have the opportunity to earn industry-relevant certifications. Program leadership will also continue to monitor and pursue appropriate program-level accreditation options as they become available and align with business and industry standards.

8. **Faculty Resources**

   WSU Tech will hire a full-time faculty member during the program's implementation year, ensuring the position meets or exceeds the college's established qualifications for CTE instructors. The selected candidate will be required to have a minimum of 4,000 hours of experience in electrical power distribution or a closely related field, ensuring strong industry expertise and instructional readiness.

9. **Cost to Students**
   AAS - $14,505.00
   TC - $10,920.00

WSU Tech Board of Trustees
Board Minutes
October 16, 2025

Role Call	WSU Tech Board of Trustees met face-to-face at 3:05 pm on October 16, 2025. The meeting was held at WSUS Campus with a virtual option. **Role Call:** Alicia Thompson – Yes (virtual Andrew Nichols - No Bryan Frye – Yes (virtual) Derek Penn - Yes Derrick Nielsen - No Doug Stark - No Enrique Villars – Yes Greg Stroud – No Kahlilah Iratheta – Yes Lily Wu – Yes Maggie Topping – no Matt Hesse – Yes Meredith Olson – Yes Pete Meitzner - Yes **Absent**: Andrew Nichols, Derrick Nielsen, Doug Stark, Greg Stroud, and Maggie Topping
Public Communications	All proper notifications have been sent out, and we have no speakers signed up to speak under Public Communications
Bond Resolution	Sheree discusses the need to re-vote on a bond resolution due to missing a quorum the previous Tuesday. Sheree explained the resolution authorizes staff to sign various documents and mentions Stacia's involvement in the vote. Thereupon, there was presented to the Board a resolution entitled: A RESOLUTION OF THE WICHITA STATE UNIVERSITY CAMPUS OF APPLIED SCIENCES AND TECHNOLOGY INDUSTRY ADVISORY BOARD RECOMMENDING AND ADVISING THE ACQUISITION, CONSTRUCTION, AND EQUIPPING OF AN EDUCATIONAL FACILITY; AND RECOMMENDING AND ADVISING THE ISSUANCE OF TAXABLE REVENUE BONDS OF THE WICHITA STATE UNIVERSITY CAMPUS OF APPLIED SCIENCES AND TECHNOLOGY IN AN APPROXIMATE AMOUNT OF NOT TO EXCEED $25,000,000 FOR THE PURPOSE OF (I) PAYING A PORTION OF THE COSTS THEREOF, (II) FUNDING ANY RELATED RESERVES, AND (III) PAYING CERTAIN COSTS OF ISSUANCE. Thereupon, the Resolution was considered and discussed; and on motion of **Pete Meitzner**, seconded by **Meredith Olson**, the Resolution was adopted by a majority vote of members present. **Role Call:** Alicia Thompson – Yes (virtual) Bryan Frye – Yes (virtual) Derek Penn – Yes Enrique Villars – Yes Kahlilah Iratheta – Yes Lily Wu – Yes Matt Hesse – Yes Meredith Olson – Yes Pete Meitzner - Yes **Motion carried 9-0** Andrew Nichols, Derrick Nielsen, Doug Stark, Greg Stroud, and Maggie Topping noted absent
Make A Difference Student Award – Justin Pfeifer	Justin introduced the Make A Difference Award and highlights Laura Barrows, an IT student at WSU Tech.

	Justin praises Laura's academic achievements, resilience, and commitment to her education despite personal challenges. Laura Barrows shared her personal story, including her battle with breast cancer and her determination to pursue a career in IT.
Consent agenda	a. **BOT Meeting Minutes** Recommendation action: Approval of the WSU Tech Board of Trustees Meeting Minutes from August 21, 2025 and October 7, 2026, email vote. These documents were provided to the Board electronically in advance of the meeting. The consent agenda was considered and discussed and upon the motion of Board member Doug Stark seconded by Derrick Nielsen, the consent agenda was approved. Motion carried: 9-0 Derek Penn, Bryan Frye, Khalilah Iraheta, Matt Hesse, and Alicia Thompson noted absent b. **Board review & ratification of employment offers June - August** ***Xavier Ard, Faculty, Phlebotomy EKG** Education/Credentials: Associate of Science in Nutrition Sciences, Allen County Community College Adjunct Faculty, Phlebotomy/EKG, WSU Tech (December 2024-August 2025) **Paige Bailey, Development Director, WSU Tech Foundation** Education/Credentials: Bachelor of Science in Event Planning, Wichita State University About 2.5 years of experience as Advancement Manager **Kayla Van Deest, High School Advisor** Education/Credentials: Master of Public Administration, Wichita State University Bachelor of Arts in Global & International Studies, The University of Kansas 6 years of experience as Study Abroad Advisor **Zachary Evans, Faculty, Industrial Machine Maintenance Technology** Education/Credentials: Associates in Robotics, WSU Tech 3 years of experience as Robot Technician **Timothy Glassco, Faculty, Machining Technology** Education/Credentials: High school graduate 4.5 years of experience as CNC Machinist ***Jacquelin Hoover, Receptionist, NCAT Campus** Education/Credentials: High school graduate About 3 years of experience as an Admissions Coordinator and Office Assistant Federal Work Study, Nursing Programs, WSU Tech (2018) ***Glenn Lull, Faculty, Aviation Maintenance Technology** Education/Credentials: Most recent experience (6 years) as an ODA Unit Member/Certification, Textron Aviation Over 30 years of experience as Quality Inspector, Quality Assurance, Quality Specialist, and Flight Test Mechanic Airframe and Power Plant (A&P) Certification Inspection Authorization (IA) Certification Adjunct Faculty, AMT, WSU Tech (April 2025-August 2025)

	***Jake Masterson, Faculty, EMT** Education/Credentials: Associates of Applied Science in Paramedicine, Cowley County Community College 68W10- Healthcare Specialist/EMT, U.S. AMEDD National Registry of Emergency Medical Technicians- Paramedic American Heart Association- CPR, ACLS State Paramedic Certifications/ Licensures- KS EMT Lab Adjunct, WSU Tech (January 2020- August 2025) ***Amelia Phommachanh, Specialist, Social Media & Digital Content** Education/Credentials: Associates of Applied Science in Digital Marketing, WSU Tech Associates of Applied Science in Business Administration, WSU Tech Career Demonstrator-Social Media & Outreach for FutureMaker Lab (December 2024-September 2025) ***Sara Plett, Academic Coordinator, HACK** Education/Credentials: Bachelor of Science in Rehabilitation Services Education, Emporia State University Butler Community College (Attended August 2001- May 2003) Assistant Registrar, WSU Tech (June 2012-March 2014) **Elissa Triana, Faculty, Interior Design** Education/Credentials: Associates in Interior Design, WSU Tech 3 years of experience as Design Specialist and Cabinet Designer ***Indicates transition to a full-time position or rehire** The ratification of employment offers were considered and discussed and upon the motion of Board member Pete Meitzner seconded by Matt Hesse, the consent agenda was approved. **Motion carried 9-0** Andrew Nichols, Derrick Nielsen, Doug Stark, Greg Stroud, and Maggie Topping noted absent
Reports of Officers	**Vice President of Finance & Administration** – Marlo Dolezal Marlo provided an update on the audit, mentioning a clean opinion and the pending release from the Federal government. The financial update shows revenue sources pacing ahead of budget, with a potential shortfall in the Excel and CTE fund. Expenses are generally on budget, with a slight overage in depreciation due to new building and equipment purchases. The net income is forecasted to be $6.6 million against a budget of $5.8 million. The September Financials were considered and discussed and upon the motion of Board member Pete Meitzner seconded by Matt Hesse, the financials were approved. **Vice President, Instructional & Academic Support** – Trish Schmidt Masonry Construction and Heavy Equipment Operation Trish presented proposed revisions to the *Masonry Construction* and *Heavy Equipment Operation* programs. These programs were initially approved by the Board last spring to be incorporated into existing programs in order to offer them at CTEC. Per the agreement with KBOR, this structure was to remain in place for one year, after which the programs would need to be established as independent offerings. Both *Masonry Construction* and *Heavy Equipment Operation* are now being proposed as standalone programs, available in both Associate of Applied Science (AAS) and Technical Certificate formats, primarily

	delivered at CTEC, but the plan is to move them to our City Center location as well. Electric Power Distribution Trish presented a proposal for a new program in *Electric Power Distribution*, commonly referred to as the *Lineman Program*. WSU Tech will assume responsibility for this program from Hutchinson Community College, which currently offers it at our City Center Campus. Hutchinson Community College will be discontinuing their delivery of the program, and WSU Tech will take over the existing facilities and equipment at that location. The *Electric Power Distribution* program will be offered as both an Associate of Applied Science (AAS) degree and a Technical Certificate. A key advantage of this transition is that much of the necessary equipment and infrastructure are already in place, minimizing startup costs. Trish noted that subject matter experts were present to address any detailed questions regarding the program. The above programs were considered and discussed and upon the motion of Board member Pete Meitzner seconded by Enrique Villars, the programs were approved. **Motion carried 9-0** Andrew Nichols, Derrick Nielsen, Doug Stark, Greg Stroud, and Maggie Topping noted absent **Vice President of Student Success –** Dr. Justin Pfeifer **Adult Enrollment:** Highest headcount and credit hour totals in the college's history for postsecondary (adult) learners. **Recent High School Graduates:** The college has seen significant success attracting students who graduate in May and enroll in the fall semester. This year, **527 recent graduates** enrolled directly from high school—up **20%** from last year. Early indicators suggest that this record will be surpassed again next year. **High School Enrollment:** Record-setting enrollment in both headcount and credit hours for dual credit and current high school students. With a typically higher spring enrollment, another record is anticipated for spring. **Program Impact:** New and expanded programs have been key drivers of enrollment growth. *Electrical Technology* enrolled 45 new students, *Mobile Equipment*—in its first full semester—enrolled 93 students, and *Mental Health Technician* launched successfully. Upcoming programs such as *Electric Power Distribution* are expected to continue this momentum. **Partnership Growth:** The partnership with **CTEC in Pittsburg and southeast Kansas** contributed 144 students between June and August, with projections for 200–250 students in the coming year as name recognition expands in the region. **Spring Outlook** Spring enrollment trends remain strong, marking the **fifth consecutive full semester** of record-breaking growth. Early data show adult enrollment up over **6%**, and high school enrollment significantly ahead of last year's pace. Projections suggest continued growth in the **7–10% range** for both populations. During discussion, a board member asked if enrollment growth might ever plateau. Justin noted that the only recent declines occurred during the Boeing 737 production slowdown and the onset of the COVID-19 pandemic. The discussion also addressed broader demographic trends, including declining birth rates and the potential impact of expanded four-year degree options at technical colleges. Sheree and Justin acknowledged these

	as challenges but noted that Wichita continues to experience in-state migration from rural areas, helping offset population declines. The college remains focused on maintaining enrollment strength despite a shrinking pool of college-going students.
President's Report	**WSU Tech President's Report –** Dr. Sheree Utash NCAT Construction update – Johnna Hart Provided a construction update on the Wichita Biomedical Campus, highlighting the progress and key milestones. The board is informed about the budget position and the favorable bidding process for the NCAT expansion project. The board was updated on the timeline for the NCAT expansion, including the expected completion date and key milestones. The board was encouraged to visit the construction sites to see the progress firsthand. Capital Campaign Sheree provided a brief update on the ongoing Capital Campaign. • **Proposals Pending:** 11 • **Donations Received to Date:** $301,894 • **Pledge Commitments:** $2,811,806 Sheree noted that progress continues to be positive, with multiple proposals under review and continued donor engagement supporting the campaign's overall goals. Shock Tank Provided an update on the *Shock Tank* innovation initiative and highlighted the continued success of *On Deck at Tech*, a project that—while not a Shock Tank entry—was launched around the same time and has significantly enhanced the student orientation experience. The program continues to receive outstanding feedback from students and staff for improving engagement and readiness. Previous Shock Tank winners were also revisited. *Tech Connections*, proposed by **Sam Nava**, Director of Community Navigation, was selected two years ago and has exceeded expectations. The program helps connect lower-income families to education, breaking down barriers and building community relationships. Another past finalist, *Organizational Leadership and Learning*, placed second that same year and has also grown substantially, adding a transfer team position to support WSU Tech students pursuing bachelor's degrees at Wichita State University. **2025 Shock Tank Finalists** This year's competition featured four strong proposals, each introduced through short video presentations: • **Propel Language Learning Lab** – A hybrid learning model providing English-language support for students through structured sessions and drop-in assistance, utilizing the Burlington English platform. • **Access Bridge** – A program designed to provide educational and employment pathways for individuals with intellectual disabilities, fostering inclusion and workforce participation. • **Tech Financial** – A financial wellness and literacy initiative offering students, employees, and community members access to

financial education through workshops, one-on-one sessions, and online learning.

1. **Grow Your Own Technical Faculty Program** – An apprenticeship model that cultivates future instructors from WSU Tech's own graduates, pairing them with mentors and guiding them toward bachelor's degrees in technical education through Wichita State University.

After presentations and voting, the results were announced as follows:

- **4th Place:** *Access Bridge*
- **3rd Place:** *Propel Language Learning Lab*
- **2nd Place:** *Tech Financial*
- **1st Place / Winner:** *Grow Your Own Technical Faculty Program*

Winning Presentation – Grow Your Own

Team members **Matthew (Dean of Information Technologies)**, **Jenna Roth (Dean of School Partnerships and Community Outreach)**, and **Jesse Lane (Dean of Applied Technologies)** presented the *Grow Your Own* initiative. The program aims to address faculty shortages by creating a pipeline of qualified instructors from WSU Tech's own graduates and industry professionals. Through mentoring, classroom assistantships, and partnerships with Wichita State University, participants will earn teaching credentials while gaining real-world classroom experience.

The initiative supports workforce sustainability by developing instructors who combine industry experience with educational training—benefiting WSU Tech, local high schools, and regional employers.

President Sheree Utash praised all four projects, noting that the final vote was very close and that each idea demonstrated innovation and alignment with WSU Tech's mission. She also shared her commitment to pursuing additional funding or partnerships to support the remaining three proposals.

Board Member:

President Sheree Utash took a moment to recognize Meredith Olson, noting that this meeting marked her final service as a member of the WSU Tech Board of Directors. Meredith has been an active and dedicated board member since 2017, serving as Board Chair for four years, including during the challenging period of the COVID-19 pandemic. She has also been a member of the Finance Committee since 2018.

Sheree expressed her deep appreciation for Meredith's outstanding leadership, trusted guidance, and steadfast support, both for the college and for her personally. She noted that Meredith has been a "right hand" through critical times—offering principled advice, encouragement, and advocacy—and thanked her for her commitment, positivity, and service to WSU Tech's mission.

Meredith shared her gratitude, expressing that serving on the WSU Tech Board has been one of the most rewarding experiences of her professional life. She noted that of all the boards she has served on, WSU Tech has been her favorite, citing its exceptional leadership, culture of collaboration, and focus on innovation and student success. Meredith thanked Sheree and the leadership team for always making her feel valued—not only for her organizational representation but also for her personal insights and ideas.

Meredith shared that after more than 20 years with Koch Industries, she has transitioned to serve full time as President of the VELA Education Fund, a venture philanthropy organization she co-founded that invests in innovative K–12 educational entrepreneurs across the country. Since its

	launch in 2019, VELA has grown from supporting three founders to a network of over 4,700 educational innovators serving more than 500,000 students. Meredith concluded by sharing her excitement for this next chapter while affirming her continued connection to Wichita and her support for WSU Tech. Sheree also noted that Meredith recently appeared on "The Way I Heard It with Mike Rowe" podcast, highlighting her impactful work and continued influence in education innovation. **In-Service and Community Engagement** President **Sheree Utash** shared highlights from the college-wide *In-Service Day* held on **September 28**. The morning focused on **professional development and wellness activities**, providing faculty and staff an opportunity for reflection, growth, and team building. In the afternoon, the college community participated in a large-scale service initiative across Wichita, volunteering at multiple nonprofit organizations and community sites. WSU Tech is proud to give back to a community that has given so much to the college. Following the in-service activities, WSU Tech also participated in Open Streets ICT, taking over the area along Douglas Avenue in front of East High School. As part of this effort, Mandy and Caitlin created a special project titled *"A Love Letter to the City of Wichita"*—a creative reflection of WSU Tech's gratitude and pride in its role within the community.
Adjournment	The meeting adjourned at approximately 4:25 p.m.

Approved: Signature Dated