

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 (<i>contact person for the approval process</i>) | Dr. Jennifer Seymour, VP General Education & Applied Technologies jseymour2@wsutech.edu 316.677.1695 |
| Identify the person responsible for oversight of the proposed program | Matthew Lewis, Dean Information Technology |
| Title of proposed program | Data Analytics |
| Method of program delivery (face to face, online, hybrid) | Face-to-face, online, & hybrid |
| Proposed suggested Classification of Instructional Program (CIP) Code | 30.7101 |
| CIP code description including Title and Definition (from nces.ed.gov/ipeds) | Data Analytics A program that prepares individuals to apply data science to generate insights from data and identify and predict trends. Includes instruction in computer databases, computer programming, inference, machine learning, optimization, probability and stochastic models, statistics, strategy, uncertainty quantification, and visual analytics. |
| Standard Occupation Code (SOC) associated to the proposed CIP code | 13.1111 15-2051.01 |
| SOC description including title and job description (from onetonline.org) | <p>Management Analysts - 13.1111 Conduct organizational studies and evaluations, design systems and procedures, conduct work simplification and measurement studies, and prepare operations and procedures manuals to assist management in operating more efficiently and effectively. Includes program analysts and management consultants.</p> <p>Business Intelligence Analysts - 15-2051.01 Produce financial and market intelligence by querying data repositories and generating periodic reports. Devise methods for identifying data patterns and trends in available information sources</p> |
| Number of credits for the degree <u>and</u> all certificates requested | AAS – 60 |

| | |
|---|---|
| | TC CERT B – 42 TC CERT A - 18 |
| Proposed Date of Initiation | 8/1/2025 |
| Specialty program accrediting agency | None |
| Industry-recognized certification(s) to be earned by students | Python Institute PCEP (Entry-level) Python Institute PCAP (Associate) Cisco Data Analytics Essentials CompTIA Data+ Microsoft Certified: Power BI Data Analyst Associate Tableau Desktop Specialist Oracle Foundations Associate, Database Oracle Database SQL Certified Associate Microsoft Azure Data Fundamentals DP-900 Data Analytics NC3 Certification 1 & 2 |

Signature of College Official _____ Jennifer L Seymour _____ Date 2/11/2025

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).

Institutions requesting subordinate credentials (i.e., requesting a CERTB when an AAS is already approved and coursework is a subset of existing courses) need only submit the following sections:

- 1) General Information,
- 2) Program Rationale,
- 3) Demand for the Program (all 10-year Occupational Outlook data and Perkins CLNA information),
- 4) Complete catalog descriptions (including program objectives) for the proposed program,
- 5) List by prefix, number, title, and description all courses (including prerequisites) to be required or elective in the proposed program,
- 6) List any pertinent program accreditation available (rationale for seeking or not seeking accreditation and plan to achieve accreditation),
- 7) CA-1b if Excel in CTE fees if requesting approved to charge fees that are not already approved,
- 8) CA-1d if requesting eligibility for Promise Scholarship, and
- 7) Program Approval at the Institution Level

Program Rationale

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

The proposed Data Analytics program at WSU Tech was developed in response to a growing demand for skilled professionals in data processing, visualization, and analysis. The 2024 *High Demand Occupations Report* identified SOC Code 13-1111 as both a high-demand and high-wage occupation, with a total demand score of 22. Soc Code 15-2051 is considered high wage. The score is consistent in the report from Kansas as a whole and the South-Central Region. Similarly, the *Kansas Long-Term Occupational Projections (2022-2032)* indicated annual openings of 529 positions for SOC Code 13-1111 and 337 positions for SOC Code 15-2051, signaling a significant need for a program that could produce qualified graduates to fill these roles.

Initial efforts to develop the program began in the early fall of 2021 when WSU Tech hired a new dean with a background in research and analytics. Working closely with the Dean of Academic Services, the new dean conducted a feasibility review and initiated preliminary curriculum development. However, this effort encountered challenges when a thorough resource assessment revealed insufficient financial and personnel support to sustain the program at that time. Shortly thereafter, the dean departed from the college for other opportunities, and the project was temporarily put on hold.

In 2022, WSU Tech underwent a departmental restructuring that increased personnel and resource availability, creating a stronger foundation for the program's development. During the fall of 2022 and spring of 2023, business and industry representatives strongly advocated the creation of a Data Analytics program. These representatives highlighted the increasing demand for employees with data-related skills and underscored the importance of a program that could produce graduates with the ability to perform data visualization and analysis. Their feedback was supported by additional market research confirming the ongoing labor market need. Specifically, the 2023 High Demand Occupations Report indicates that SOC Code 13-1111 had a total demand score of 23 and is listed as both high demand and

high wage.

Armed with this validation, WSU Tech's leadership and academic teams revisited and revised the initial curriculum plan in collaboration with subject matter experts from the college's Industry Advocate Team (IAT), including Cornerstone Data, TEC Systems, Novacoast, InfoFluency, Genius Innovations, and Newman University. By incorporating feedback from industry representatives, the revised curriculum was designed to directly address employer needs. With industry endorsements in place, WSU Tech submitted the program proposal to the Kansas Board of Regents (KBOR) for review in August 2024.

During the KBOR review, concerns were raised regarding national labor data, which suggested that many employers typically required candidates with bachelor's degrees for data-related positions. Recognizing the potential challenge in gaining approval, WSU Tech made the decision to withdraw the program proposal and consult further with business and industry leaders to address these concerns. Throughout the fall of 2024, the college held discussions with industry partners to better understand their hiring practices. These conversations revealed that regional employers were ahead of national trends and were willing to actively hire candidates with technical certificates and associate degrees. In support of this, employers provided updated Memorandums of Understanding (MOUs) affirming their willingness to hire graduates of the proposed program.

With the confidence and backing of industry leaders, WSU Tech expects the program to produce 10 graduates in its first year of implementation and increase to 20 graduates annually in subsequent years. The program is positioned to meet both regional labor needs and provide students with pathways into high-demand, high-wage careers in data analytics.

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

As depicted in the K-TIP data section below, no existing programs in the state directly mirror the proposed program. While some programs exhibit similarities, particularly in computer-based courses such as SQL, WSU Tech believes that the proposed program offers a distinct approach. The proposed program distinguishes itself by integrating courses on widely used industry software like Power BI and Tableau, which are recognized for their effectiveness in analytics. Moreover, it provides an understanding of accounting and statistics, enhancing students' data analysis and interpretation proficiency. This holistic approach ensures that graduates are equipped with technical skills and theoretical knowledge, preparing them to meet the dynamic demands of the industry. Various data sources underscore the critical demand for employees possessing the skills provided by the program. O*NET Online identifies both occupation codes associated with the proposal as "Bright Outlooks," with significant growth rates

Program Description and Requirements

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

The Data Analytics program at WSU Tech prepares students to apply cutting edge analytical tools and computing power to turn vast amounts of raw data into useable resources. Resources that provide business and industry with insights and information needed to identify and predict business trends. Students in this program will study the theories behind the tools and techniques and then apply the tools to real world problems. Coursework includes SQL Database Applications, Python, natural language processing, data engineering, and machine learning.

- Students will demonstrate proficiency in applying analytical methods and techniques to explore, visualize, and interpret data sets using tools such as Python, SQL, and Excel.

- Students will develop the ability to collect, clean, and manipulate data from various sources, including databases, and spreadsheets, ensuring data integrity and quality.
 - Students will be able to create clear and effective data visualizations using tools like Tableau and Power BI to communicate findings and insights to stakeholders.
 - Students will understand the ethical and legal issues related to data analytics, including privacy, security, bias, and compliance with regulations, and be able to make responsible decisions in data handling and analysis.
 - Students will effectively communicate technical findings and insights to both technical and non-technical audiences through written reports, presentations, and data visualizations.
 - Students will demonstrate the ability to work effectively in multidisciplinary teams, leveraging diverse skills and perspectives to solve data analytics problems.
 - Students will develop critical thinking skills to evaluate data analytics problems, formulate hypotheses, design projects, and draw conclusions based on evidence and analysis.
- Include any work-based learning requirements of the program, such as clinicals, internships, etc. If clinical experience is required, please identify whether sufficient clinical sites are available.

This program includes a requirement for an internship at the AAS and TC level. The attached letters of support from business and industry include agreements to host student applied learning activities including internships. Program Leadership will work with WSU Tech Career Service personnel and industry to ensure internship opportunities for all students.

- List and describe the admission and graduation requirements for the proposed program.
 - Admission Requirements:
 - The requirements for admission to the Data Analytics program are:
 - Attainment of 16 or more years of age
 - Completion of application and related procedures Transfer Students
 - Admission of transfer students to the Data Analytics program contingent upon their meeting the following requirements:
 - Regular admission and good standing at a regionally accredited technical certificate or degree granting institution and proper completion of applications and related procedures.

Program Requirements

- 18 or 42 semester credits for technical certificates and 60 semester credits for the associate applied sciences degree with an overall GPA of 2.0 or higher.
- A passing grade in all courses (grade of C) within the student's declared program of study.

- 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

- Using the most recent Kansas Department of Labor's Long Term (10-year) Occupational Outlook, (<https://klic.dol.ks.gov>) identify employment trends and projections for the SOC code identified in the General Information section: annual occupational growth, estimated annual median wages, and typical education level needed for entry.
 - Labor information included should show demand in the occupation *for the level of education being proposed for the program*.
 - Include additional data for local and regional employer demand if available.
 - For new programs for which state-level labor data is not yet available, additional resources to demonstrate demand for the occupation being trained must be included. Job posting data (cite resource used and date of review) and projected hiring needs for employers (documented in employer letters of support) are examples of additional labor data documentation.

In the fall of 2022 and spring of 2023, business and industry representatives actively advocated for the college to initiate the development of a Data Analytics program. During Industry Advocate Team meetings, they emphasized the urgent need for employees with data-related skills and underscored the importance of a program that equips graduates with expertise in data visualization and analysis.

As part of the development process WSU Tech reviewed the critical skills identified by business and industry stakeholders and matched them to occupational codes. This process led to the identification of two potential codes, including Management Analysts (SOC 13.1111) and Business Intelligence Analysts (SOC 15.2051) which correlate to CIP code 30.7101. The critical skills encompass Structured Query Language (SQL), Tableau, Python, Power BI, Data Mining, Data Management system software, Data Modeling software systems, and Data Base user interface and query software.

The Kansas Long Term Occupational Projections 2022-2032 report indicates there will be a 10.8% change in employment over the next ten years on this Soc Code 13.1111 (Management Analysts) resulting in 5,249 open positions (529 annually). The majority of the changes will be due to transfers from the job code (2664 or 266 annually) with the remainder coming from exits from the job code at 1992 over the ten years or 199 annually. The numbers are smaller for SOC code 15.2051, but the trends reflect those of SOC 13.1111. Business Intelligence Analysts will see a projected 3.2% annual change in employment resulting in 337 job openings over the ten- year period. Of the 337 openings 85 will be due to exits and 136 from transfers with the rest of the openings due to job growth.

Additionally, both occupation codes are designated as "bright outlook occupations" by O*NET online, projecting rapid growth from 2022 to 2032. Specifically, O*NET is reporting a 16% growth for SOC Code 13.1111 with 770 annual openings and 35% growth rate 15-205.

Supporting both O*NET online and Kansas Long Term Occupational Projections 2022-2032 is data from JobsEQ. Per the 2024 Q4 report there is a forecasted .7% annual growth resulting in 95 open positions for Analyst with a starting median wage of \$86,200.00

The job market in Sedgwick County, Kansas, presents compelling opportunities for job applicants with associate degrees, particularly in fields linked to CIP code 30.7101, Data Analytics General. According to the JobsEQ Education and Occupation Reports, the demand for professionals in these areas is expected to increase significantly over the next seven years. **Chart A** from the JobsEQ 2024 Q4 report indicates that there will be 732 total open positions over the next seven years for analysts with CIP Code 30.7101/SOC code 13-111. While many of these roles typically demand a bachelor’s degree, a notable number of positions are accessible to those with an associate degree or equivalent qualifications, particularly in entry-level data analysis and technical support roles. **Chart B** shows that employees occupy 16% of current positions in this field with an associate degree or less. As indicated earlier in this document the industry support letters attached to this program proposal also include indicators that business and industry are prepared to hire at the associated degree level.

The wage potential for these positions is also notable. For example, management analysts, classified under CIP code 52.0201, earn a median annual wage of approximately \$86,200, highlighting the economic value of these careers. Even roles that require only an associate degree offer strong starting salaries, making them attractive options for individuals seeking to enter the workforce quickly and achieve financial stability. These opportunities are becoming increasingly relevant as Sedgwick County’s technology and business sectors continue to expand, driven by the growing importance of data-driven decision-making and efficient management practices.

Chart A

Snapshot of Occupations Linked to Data Analytics, General in Sedgwick County, Kansas¹

| SOC | Occupation | Current | | | | 3-Year History | | | 7-Year Forecast | | | | |
|----------------------------|-----------------------------------|---------|-----------------------------|------|--------|----------------|-----------------------------|-------|-----------------|--------|-----------|-------------|------------------|
| | | Empl | Mean Ann Wages ² | LQ | Unempl | Unempl Rate | Online Job Ads ³ | Ann % | Total Demand | Exits | Transfers | Empl Growth | Avg Ann Growth % |
| 13-1111 | Management Analysts | 1,179 | \$86,800 | 0.71 | 29 | 2.6% | 182 | 3.4% | 732 | 264 | 408 | 60 | 0.7% |
| 25-1199 | Postsecondary Teachers, All Other | 354 | \$85,500 | 1.64 | 4 | 1.2% | n/a | 3.9% | 197 | 98 | 90 | 8 | 0.3% |
| 15-1251 | Computer Programmers | 159 | \$108,100 | 0.71 | 4 | 2.6% | n/a | -7.9% | 47 | 25 | 36 | -14 | -1.3% |
| 15-2051 | Data Scientists | 278 | \$96,800 | 0.83 | 7 | 2.4% | 16 | 12.2% | 187 | 46 | 80 | 61 | 2.9% |
| 15-2041 | Statisticians | 18 | \$104,400 | 0.37 | 0 | n/a | 2 | 2.9% | 9 | 3 | 5 | 1 | 1.0% |
| Total - Linked Occupations | | 1,988 | \$88,800 | 0.80 | 45 | 2.3% | 200 | 3.4% | 1,171 | 436 | 619 | 116 | 0.8% |
| Total - All Occupations | | 279,571 | \$59,200 | 1.00 | 8,343 | 3.1% | 20,237 | 2.9% | 220,415 | 88,356 | 126,872 | 5,187 | 0.3% |

Source: [JobsEQ®](#)
Data as of 2024Q2 unless noted otherwise

Chart B

| | | Education and Training Requirements | | | Educational Alignment | | | | |
|---------|-----------------------------------|-------------------------------------|---|---|-----------------------|-------------------------|---------------------|--------------------|---------------------|
| | | Typical Education Needed for Entry | Work Experience in a Related Occupation | Typical On-the-job Training Needed to Attain Competency in the Occupation | No College | Some college, No Degree | Associate' s Degree | Bachelor' s Degree | Postgraduate Degree |
| 13-1111 | Management Analysts | Bachelor's degree | Less than 5 years | None | 4% | 8% | 4% | 47% | 37% |
| 15-1251 | Computer Programmers | Bachelor's degree | None | None | 4% | 10% | 8% | 54% | 23% |
| 15-2041 | Statisticians | Master's degree | None | None | 2% | 4% | 4% | 42% | 48% |
| 15-2051 | Data Scientists | Bachelor's Degree | None | None | 2% | 4% | 4% | 42% | 48% |
| 25-1199 | Postsecondary Teachers, All Other | Doctoral or professional degree | None | None | 2% | 1% | 2% | 17% | 79% |

Education and training requirements are from the Bureau of Labor Statistics (BLS); educational attainment mix are regional data modeled by Chmura using Census educational attainment data projected to 2024Q2 along with source data from the BLS

- 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 support 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.

Appendix A- D

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

The proposed Data Analytics program is in direct alignment with the 2025/26 Perkins Comprehensive Local Needs Assessment report. Question 2, starting on page 14 addresses pathways/programs not currently offered but needed which include Data Analytics. The report indicates the occupational code of 13-111 Management Analyst as part of the combined 353 annual openings in the Wichita region. The report also indicates “Data analysts are in high demand. An occupation report from JobsEQ shows that there are 463 active job ads for management analysts.”

- 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 CAI 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 the 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.

Data Analytics Technology -Industry Advocate Team

| Contact | Organization |
|---------------------------------|------------------|
| Christopher Wyant - Chairperson | Cornerstone Data |

| | |
|-------------------|------------------------|
| Dr. David Cochran | Newman University |
| Eric Eakins | TEC Systems Group |
| Joy Eakins | Cornerstone Data |
| Sara Anstey | Novacoast |
| Conner Hampton | Flagship Kansas Tech |
| Mark Long | Genius Innovation, LLC |
| Alyssa McGinn | InfoFluency |

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.

A review of K-TIP indicates there are no programs in the state currently using the CIP/SOC Code combination of CIP 30.7101 SOC 13.1111/ 15-2051

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

The suggested program's creation involved extensive teamwork to facilitate seamless progression for students from an AAS at WSU Tech to a bachelor's degree. WSU Tech and Newman University are pursuing a 2 + 2 agreement to solidify this pathway. **Appendix E** provides evidence of this collaboration work

Program Information

- If the program has undergone the alignment process at the state level, please review alignment requirements and ensure the courses, industry-recognized certifications, and accreditation requirements are met in the proposal. Listing of aligned programs can be found at: https://www.kansasregents.org/workforce_development/program-alignment

This is not an aligned program.

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

Appendix F

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

Below is the degree map for the proposed program. Once approval is received the degree map will be posted on the WSU Tech website page dedicated to degree maps.

Associate of Applied Science

Fall

| Course # | Course Title | Cred its | Function |
|----------|--------------------------------------|----------|-------------------|
| AAD 110 | Data Exploration and Interpretation | 3 | Technical Studies |
| AAD 120 | Data Visualization | 3 | Technical Studies |
| CLD 113 | Introduction to Python | 3 | Technical Studies |
| CLD 138 | Object-Oriented Programming (Python) | 3 | Technical Studies |
| MTH | Math Elective | 3 | General Studies |

Spring

| Course # | Course Title | Cred its | Function |
|----------|----------------------------------|----------|-------------------|
| AAD 140 | SQL Database Applications | 3 | Technical Studies |
| AAD 130 | Python Data Foundations | 3 | Technical Studies |
| AAD 150 | Introduction to Data Engineering | 3 | Technical Studies |
| CLD 118 | Cloud Fundamentals | 3 | Technical Studies |
| MTH 120 | Elementary Statistics | 3 | Technical Studies |

Summer

| Course # | Course Title | Cred its | Function |
|----------|----------------------------|----------|-------------------|
| ENG 101 | Composition I | 3 | General Studies |
| ACC 105 | Fundamentals of Accounting | 3 | Technical Studies |

Fall

| Course # | Course Title | Cred its | Function |
|----------|---------------------------|----------|-------------------|
| AAD 160 | Data Modeling | 3 | Technical Studies |
| AAD 210 | Power BI & Tableau | 3 | Technical Studies |
| AAD 220 | Predictive Analytics | 3 | Technical Studies |
| AAD 230 | Advanced SQL Applications | 3 | Technical Studies |

Spring

| Course # | Course Title | Cred its | Function |
|----------|---------------------------|----------|-------------------|
| AAD 240 | Data Analytics Internship | 3 | Technical Studies |
| | Communication Elective | 3 | General Studies |
| | Humanities Elective | 3 | General Studies |
| | Social Science Elective | 3 | General Studies |

TC CERT B Data Analytics

| Course # | Course Title | Cred its | Function |
|----------|--------------------------------------|----------|-------------------|
| AAD 110 | Data Exploration and Interpretation | 3 | Technical Studies |
| AAD 120 | Data Visualization | 3 | Technical Studies |
| CLD 113 | Introduction to Python | 3 | Technical Studies |
| CLD 138 | Object-Oriented Programming (Python) | 3 | Technical Studies |

Spring

| Course # | Course Title | Cred its | Function |
|----------|----------------------------------|----------|-------------------|
| AAD 140 | SQL Database Applications | 3 | Technical Studies |
| AAD 130 | Python Data Foundations | 3 | Technical Studies |
| AAD 150 | Introduction to Data Engineering | 3 | Technical Studies |
| CLD 118 | Cloud Fundamentals | 3 | Technical Studies |

Summer

| Course # | Course Title | Cred its | Function |
|----------|----------------------------|----------|-------------------|
| ACC 105 | Fundamentals of Accounting | 3 | Technical Studies |

Fall

| Course # | Course Title | Cred its | Function |
|----------|---------------------------|----------|-------------------|
| AAD 160 | Data Modeling | 3 | Technical Studies |
| AAD 210 | Power BI & Tableau | 3 | Technical Studies |
| AAD 220 | Predictive Analytics | 3 | Technical Studies |
| AAD 240 | Data Analytics Internship | 3 | Technical Studies |

TC CERT A Data Analytics

Fall

| Course # | Course Title | Credits | Function |
|----------|--------------------------------------|---------|-------------------|
| AAD 110 | Data Exploration and Interpretation | 3 | Technical Studies |
| AAD 120 | Data Visualization | 3 | Technical Studies |
| CLD 113 | Introduction to Python | 3 | Technical Studies |
| CLD 138 | Object-Oriented Programming (Python) | 3 | Technical Studies |

Spring

| Course # | Course Title | Credits | Function |
|----------|---------------------------|---------|-------------------|
| AAD 140 | SQL Database Applications | 3 | Technical Studies |
| CLD 118 | Cloud Fundamentals | 3 | Technical Studies |

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

This program will not have multiple tracks, concentrations or pathways

- List of any pertinent program accreditation available:

There is no appropriate program level accreditation however students will obtain the following certification based on course completion

- Python Institute PCEP (Entry-level)
- Python Institute PCAP (Associate)
- CompTIA Data+
- Microsoft Certified: Power BI Data Analyst Associate & Tableau Desktop Specialist
- If the program/coursework will be made available to high school students, provide letters of support from local high schools and/or districts that intend to participate.

Appendix G

Faculty

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

The Dean for Information Technology will serve as the program director for the proposed program, overseeing all administrative functions. Following approval, WSU Tech will recruit a full-time faculty member to teach the Data Analytics (AAD) courses. The chosen candidate must meet the following credential requirements.

- 3 years' experience as a data analyst, data scientist, or related fields/industries
- A master's degree or bachelor's in a relevant field, such as data science, statistics, computer science, or a related discipline.

- CompTIA Data+, Database Foundations Associate, Azure Data Fundamentals, Power BI Data Analyst Associate, Tableau Desktop Specialist, and/or Database SQL Certificated Associate certifications.
- Demonstrated expertise in data analytics, including proficiency in programming languages (e.g., Python, R, SQL), statistical analysis, data visualization, and machine learning.
- Prior teaching experience at the college or university level, with a strong commitment to excellence in teaching and student success.
- Effective communication and interpersonal skills, with the ability to work collaboratively with students, colleagues, and external stakeholders.
- A commitment to diversity, equity, and inclusion in education and a willingness to create an inclusive learning environment that respects and values the contributions of all students.
- Experience with curriculum development, assessment, and advising is desirable.

The proposed program includes courses from the college's Information Systems and Cloud Computing programs. These courses are taught by full-time faculty already employed with the college.

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 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 (physical facilities, equipment, faculty, instructional materials, accreditation, etc.).

Personnel

WSU Tech will recruit a full-time faculty member possessing the necessary credentials to instruct Data Analytics (AAD). Existing WSU Tech faculty members will teach the remaining courses in the program, leveraging their expertise in their respective fields.

Physical facilities:

WSU Tech will house the Data Analytics program at WSU Tech South. This facility has more than sufficient classroom and lab space to accommodate the proposed program.

Instructional Equipment

As indicated above the proposed program will be housed at the WSU TEch South location. This facility has all the necessary equipment including dedicated computer labs with state-of-the-art equipment. No additional equipment purchases will be necessary.

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

Instructional Materials: WSU Tech follows an all-inclusive finance model in which instructional materials used in the classroom 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), and tools. Three data analytics courses will have costs outside the tuition costs which are listed below. The proposed program does include some courses with books/test fees costs which are also listed below

Books and Tools

| Course Number | Description | Cost |
|---------------|---------------------------------|--------|
| AAD 110 | Test Fee | 115.00 |
| AAD 130 | Test Fee | 295.00 |
| AAD 140 | Test Fee | 95.00 |
| AAD 210 | Test Fee | 265.00 |
| AAD 230 | Test Fee | 245.00 |
| CLD 138 | Test Fee | 345.00 |
| ACC 105 | Digital Book Fee | 71.00 |
| MTH 120 | Digital Book Fee | 71.00 |
| | 15 credits of General Education | \$355 |

High School students taking the proposed program will not be required to pay fees for the following courses

- ADD 110
- ADD 140
- CLD 138

- Provide details on **CA-1a form**.

Appendix H

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

The program will utilize WSU Tech new program development funding for its initial year and subsequent years will rely on its assigned program budget. If the program is approved for Perkins funding, it will use this funding source to provide professional development resources for faculty

- **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.

Appendix I

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

Appendix J

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

Appendix K

Program Review and Assessment

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

The Data Analytics program will complete the same assessment and Program Review processes used for all other programs throughout the college.

Assessment of Student Learning

WSU Tech utilizes the WIDS (Worldwide Instructional Design System) curriculum management system to house curriculum and assessment documentation. The college 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. All programs have defined learning outcomes at the program level, outlined in the Program Outcome Summary report in WIDS. 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 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 Data Analytics program will complete curriculum maps in Fall of 2025

The curricular assessment processes are documented via the Outcome Assessment Plan (OAP) and Analysis (OAP/Analysis), completed annually and housed in WIDS. 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 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 students 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 to determine appropriate instructional revisions and interventions to improve the student learning experience. The program will launch an OAP assessment plan and begin data collection in AY Fall of 2026

Program Review

Program reviews are conducted over a three-year cycle and involve collaboration between faculty, staff, and administration to evaluate the program thoroughly, reflect on strengths/weaknesses, and set strategic goals for improvement. Additionally, programs participate in a 'Semester Snapshot' activity in which progress towards previous 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, OAP analyses, 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 Data Analytics program will initiate the Program Review process with the first Semester Snapshot report in Fall of 2025 and will partake in the entirety of the formal Program Review process in AY 28.29

Program Approval at the Institution Level

Appendix L - Q

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



**Collaboration Agreement between
Wichita State University Campus of Applied Sciences and Technology (WSU Tech)
and Cornerstone Data, Inc.**

This Memorandum of Understanding (MOU) sets forth the terms and understanding between Wichita State University Campus of Applied Sciences and Technology (WSU Tech) and Cornerstone Data, Inc. 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 Cornerstone Data, Inc. 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 needing trained to enter the pipeline.

Purpose

This MOU will establish the role of and scope of agreed involvement for Cornerstone Data, Inc. in regard to aforementioned programs. Involvement and participation are defined by supporting the goals set out below and providing use of the company logo for outreach, coordination, and retention campaigns/ events for enriching, sourcing, and securing a viable talent pipeline.

Support will be accomplished by Cornerstone Data, Inc. undertaking the following activities in these critical areas. (Please check which areas you wish to participate in.)

Business/ Industry Partner will:

- Provide a guaranteed interview & consideration opportunities to graduates of the following program: Associate of Applied Science, Data Analytics at one of WSU Tech Campuses or at industry partner facility.
- Engage in Industry Advocate Team meetings twice a year to provide industry expertise in curriculum guidance, focus groups on retention and recruitment for students.
- Provide up to date job descriptions, credential requirements, and application instructions for positions you are actively recruiting for graduates to guide program outcomes for.
- Provide constructive feedback to interviewed graduates as appropriate.
- Provide information regarding hiring requirements trends or changes in requirements to WSU Tech.
- Refer denied applicants to further training at WSU Tech.
- Actively host students in applied learning activities such as apprenticeships, internships,

National Center for Aviation Training
4004 N. Webb Road | 316.677.9400

City Center | 301 S. Grove | 316.677.9400

WSU Old Town | 213 N. Mead | 316.677.9400

WSU South | 3821 E. Harry | 316.677.9400

www.WSUTECH.edu





Reporting of Outcomes

Reports and evaluation of program effectiveness and adherence to the agreement will be ongoing and communicated to employer partners annually. Any student hired will require the reporting of legally verifiable employment status.

Funding

This MOU is not a commitment of funds; however, WSU Tech personnel are available to discuss scholarship opportunities to help business partners grow their own workforce 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 Cornerstone Data, Inc. This MOU shall become effective upon signature by the authorized officials from WSU Tech and Cornerstone Data, Inc. 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)

National Center for Aviation Training
4004 N. Webb Road | 316.677.9400

City Center | 301 S. Grove | 316.677.9400

WSU Old Town | 213 N. Mead | 316.677.9400

WSU South | 3821 E. Harry | 316.677.9400

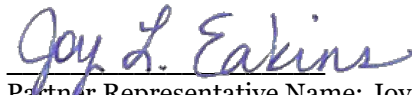
www.WSUTECH.edu





This Memorandum of Understanding (MOU) sets forth the terms and understanding between WSU Tech and Cornerstone Data, Inc. to provide the above checked services for the Associate of Applied Science, Data Analytics program to publicly support WSU Tech students.

Contact Information and Signatures



Partner Representative Name: Joy Eakins

Position Title: President

Address: 127 S Washington, Wichita, KS 67202

Telephone: 316-337-5617

E-mail: joy@cornerstonedata.com

Signature:

Date: 1/30/2025

WSU Tech

WSU Tech Representative Name: Matthew Lewis

Position Title: Dean of Information Technologies

Address: 3821 E Harry St, Wichita, KS 67218

Telephone: 316.677.1726

E-mail: mlewis12@wsutech.edu

Signature: 

Date: January 30, 2025

National Center for Aviation Training
4004 N. Webb Road | 316.677.9400

City Center | 301 S. Grove | 316.677.9400

WSU Old Town | 213 N. Mead | 316.677.9400

WSU South | 3821 E. Harry | 316.677.9400

www.WSUTECH.edu





**Collaboration Agreement between
Wichita State University Campus of Applied Sciences and Technology (WSU Tech)
and TEC SYSTEMS GROUP INC.**

This Memorandum of Understanding (MOU) sets forth the terms and understanding between Wichita State University Campus of Applied Sciences and Technology (WSU Tech) and TEC SYSTEMS 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 TEC SYSTEMS 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 needing trained to enter the pipeline.

Purpose

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

Support will be accomplished by TEC SYSTEMS undertaking the following activities in these critical areas. (Please check which areas you wish to participate in.)

Business/ Industry Partner will:

- Provide a guaranteed interview & consideration opportunities to graduates of the following program: Associate of Applied Science, Data Analytics at one of WSU Tech Campuses or at industry partner facility.
- Engage in Industry Advocate Team meetings twice a year to provide industry expertise in curriculum guidance, focus groups on retention and recruitment for students.
- Provide up to date job descriptions, credential requirements, and application instructions for positions you are actively recruiting for graduates to guide program outcomes for.
- Provide constructive feedback to interviewed graduates as appropriate.
- Provide information regarding hiring requirements trends or changes in requirements to WSU Tech.
- Refer denied applicants to further training at WSU Tech.
- Actively host students in applied learning activities such as apprenticeships, internships,

National Center for Aviation Training
4004 N. Webb Road | 316.677.9400

City Center | 301 S. Grove | 316.677.9400

WSU Old Town | 213 N. Mead | 316.677.9400

WSU South | 3821 E. Harry | 316.677.9400

www.WSUTECH.edu





Reporting of Outcomes

Reports and evaluation of program effectiveness and adherence to the agreement will be ongoing and communicated to employer partners annually. Any student hired will require the reporting of legally verifiable employment status.

Funding

This MOU is not a commitment of funds; however, WSU Tech personnel are available to discuss scholarship opportunities to help business partners grow their own workforce 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 TEL SYSTEMS. This MOU shall become effective upon signature by the authorized officials from WSU Tech and TEL SYSTEMS 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)

National Center for Aviation Training
4004 N. Webb Road | 316.677.9400

City Center | 301 S. Grove | 316.677.9400

WSU Old Town | 213 N. Mead | 316.677.9400

WSU South | 3821 E. Harry | 316.677.9400

www.WSUTECH.edu





This Memorandum of Understanding (MOU) sets forth the terms and understanding between WSU Tech and TEC SYSTEMS to provide the above checked services for the Associate of Applied Science, Data Analytics program to publicly support WSU Tech students.

Contact Information and Signatures

TEC SYSTEMS GROUP INC.

Partner Representative Name: ~~Click or tap here to enter text.~~ ERIC EAKINS

Position Title: ~~Click or tap here to enter text.~~ CEO


Address: 127 S WASHINGTON WICHITA KS 67208

Telephone: 316.838.7100

E-mail:

Signature: EEAKINS@TECSYSTEMSGROUP.COM

Date:


1.28.25

WSU Tech

WSU Tech Representative Name: Matthew Lewis

Position Title: Dean of Information Technologies

Address: 3821 E Harry St, Wichita, KS 67218

Telephone: 316.677.1726

E-mail: mlew12@wsutech.edu

Signature:


Date: January 28, 2025

National Center for Aviation Training
4004 N. Webb Road | 316.677.9400

City Center | 301 S. Grove | 316.677.9400

WSU Old Town | 213 N. Mead | 316.677.9400

WSU South | 3821 E. Harry | 316.677.9400

www.WSUTECH.edu





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

This Memorandum of Understanding (MOU) sets forth the terms and understanding between Wichita State University Campus of Applied Sciences and Technology (WSU Tech) and **InfoFluency** 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 **InfoFluency** 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 needing trained to enter the pipeline.

Purpose

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

Support will be accomplished by **InfoFluency** undertaking the following activities in these critical areas. (Please check which areas you wish to participate in.)

Business/ Industry Partner will:

- Provide a guaranteed interview & consideration opportunities to graduates of the following program: Associate of Applied Science, Data Analytics at one of WSU Tech Campuses or at industry partner facility.
- Engage in Industry Advocate Team meetings twice a year to provide industry expertise in curriculum guidance, focus groups on retention and recruitment for students.
- Provide up to date job descriptions, credential requirements, and application instructions for positions you are actively recruiting for graduates to guide program outcomes for.
- Provide constructive feedback to interviewed graduates as appropriate.
- Provide information regarding hiring requirements trends or changes in requirements to WSU Tech.
- Refer denied applicants to further training at WSU Tech.
- Actively host students in applied learning activities such as apprenticeships, internships,

National Center for Aviation Training
4004 N. Webb Road | 316.677.9400

City Center | 301 S. Grove | 316.677.9400

WSU Old Town | 213 N. Mead | 316.677.9400

WSU South | 3821 E. Harry | 316.677.9400

www.WSUTECH.edu





Reporting of Outcomes

Reports and evaluation of program effectiveness and adherence to the agreement will be ongoing and communicated to employer partners annually. Any student hired will require the reporting of legally verifiable employment status.

Funding

This MOU is not a commitment of funds; however, WSU Tech personnel are available to discuss scholarship opportunities to help business partners grow their own workforce 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 **InfoFluency**. This MOU shall become effective upon signature by the authorized officials from WSU Tech and **InfoFluency** 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)

National Center for Aviation Training
4004 N. Webb Road | 316.677.9400

City Center | 301 S. Grove | 316.677.9400

WSU Old Town | 213 N. Mead | 316.677.9400

WSU South | 3821 E. Harry | 316.677.9400

www.WSUTECH.edu





This Memorandum of Understanding (MOU) sets forth the terms and understanding between WSU Tech and **InfoFluency** to provide the above checked services for the Associate of Applied Science, Data Analytics program to publicly support WSU Tech students.

Contact Information and Signatures

infoFluency

Partner Representative Name: Alyssa McGinn

Position Title: Managing Director

Address: 111 N Mosley St Suite 202 Wichita, KS 67202

Telephone: 346-313-7589

E-mail: alyssamcginn@infofluency.net

Signature: 

Date: 1/20/25

WSU Tech

WSU Tech Representative Name: Matthew Lewis

Position Title: Dean of Information Technologies

Address: 3821 E Harry St, Wichita, KS 67218

Telephone: 316.677.1726

E-mail: mlewis12@wsutech.edu

Signature: 

Date: January 23, 2025

National Center for Aviation Training
4004 N. Webb Road | 316.677.9400

City Center | 301 S. Grove | 316.677.9400

WSU Old Town | 213 N. Mead | 316.677.9400

WSU South | 3821 E. Harry | 316.677.9400

www.WSUTECH.edu





**Collaboration Agreement between
Wichita State University Campus of Applied Sciences and Technology (WSU Tech)
and Genius Innovation, LLC**

This Memorandum of Understanding (MOU) sets forth the terms and understanding between Wichita State University Campus of Applied Sciences and Technology (WSU Tech) and Genius Innovation 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 Genius Innovation 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 needing trained to enter the pipeline.

Purpose

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

Support will be accomplished by Genius Innovation undertaking the following activities in these critical areas. (Please check which areas you wish to participate in.)

Business/ Industry Partner will:

- Provide a guaranteed interview & consideration opportunities to graduates of the following program: Associate of Applied Science, Data Analytics at one of WSU Tech Campuses or at industry partner facility.
- Engage in Industry Advocate Team meetings twice a year to provide industry expertise in curriculum guidance, focus groups on retention and recruitment for students.
- Provide up to date job descriptions, credential requirements, and application instructions for positions you are actively recruiting for graduates to guide program outcomes for.
- Provide constructive feedback to interviewed graduates as appropriate.
- Provide information regarding hiring requirements trends or changes in requirements to WSU Tech.
- Refer denied applicants to further training at WSU Tech.
- Actively host students in applied learning activities such as apprenticeships, internships,

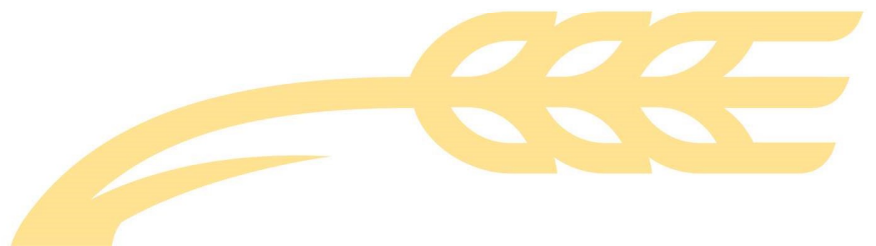
National Center for Aviation Training
4004 N. Webb Road | 316.677.9400

City Center | 301 S. Grove | 316.677.9400

WSU Old Town | 213 N. Mead | 316.677.9400

WSU South | 3821 E. Harry | 316.677.9400

www.WSUTECH.edu





Reporting of Outcomes

Reports and evaluation of program effectiveness and adherence to the agreement will be ongoing and communicated to employer partners annually. Any student hired will require the reporting of legally verifiable employment status.

Funding

This MOU is not a commitment of funds; however, WSU Tech personnel are available to discuss scholarship opportunities to help business partners grow their own workforce 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 **Genius Innovation**. This MOU shall become effective upon signature by the authorized officials from WSU Tech and **Genius Innovation** will remain in effect until modified or terminated by any one of the partners or 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)

National Center for Aviation Training
4004 N. Webb Road | 316.677.9400

City Center | 301 S. Grove | 316.677.9400

WSU Old Town | 213 N. Mead | 316.677.9400

WSU South | 3821 E. Harry | 316.677.9400

www.WSUTECH.edu





This Memorandum of Understanding (MOU) sets forth the terms and understanding between WSU Tech and **Genius Innovation** to provide the above checked services for the Associate of Applied Science, Data Analytics program to publicly support WSU Tech students.

Contact Information and Signatures

Genius Innovation, LLC

Partner Representative Name: Click or tap here to enter text.

Position Title: Owner/Founder

Address: 308 W 8th St
Sedgwick, Ks 67135

Telephone: 316-992-1161

E-mail: markbks@gmail.com

Signature: *Mark Long*

Date: 1/30/25

A handwritten signature in black ink, appearing to read 'Mark Long', written over a horizontal line.

WSU Tech

WSU Tech Representative Name: Matthew Lewis

Position Title: Dean of Information Technologies

Address: 3821 E Harry St, Wichita, KS 67218

Telephone: 316.677.1726

E-mail: mlew12@wsutech.edu

Signature: *Matthew Lewis*

Date: January 30, 2025

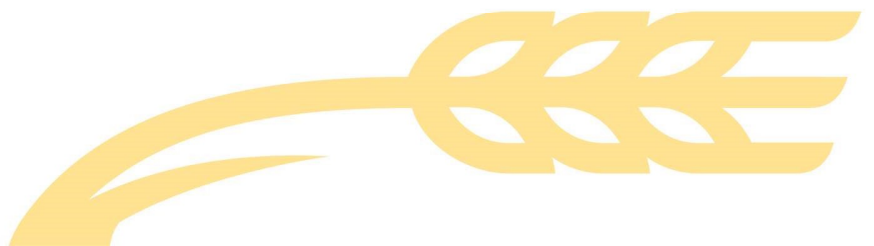
National Center for Aviation Training
4004 N. Webb Road | 316.677.9400

City Center | 301 S. Grove | 316.677.9400

WSU Old Town | 213 N. Mead | 316.677.9400

WSU South | 3821 E. Harry | 316.677.9400

www.WSUTECH.edu



April 14, 2024

To whom it may concern:

I am writing in support of WSU Tech's new Data Analytics programs. Newman University has advised WSU Tech in the development of its curricula on the basis of several years of relationship development and successful student placement with major regional employers, including Textron Aviation, Koch Industries, Cargill Protein, Spirit AeroSystems, and many small and mid-sized employers.

The regional demand for data professionals is currently outstripping our talent supply. Meanwhile, employers are unanimous in attesting to the value of cultivating local talent, as students who hail from this region are immensely more likely to desire to stay and live and work in the region. We believe WSU Tech's new program will create exciting new opportunities to bring larger numbers of regional high school students into the fields of data analytics and data science — and thereby help grow our regional talent pipeline.

For these reasons, Newman University will develop a 2+2 transfer agreement to enable WSU Tech students to transfer smoothly to complete a Newman University Bachelor's degree in Business Data Analytics or Computer Science. Students with the desire and aptitude may continue on to earn our MS in Data Science in one additional year after the baccalaureate.

We expect these combined efforts to significantly boost the numbers of excellent new data professionals, benefiting our students, our regional employers, and our regional economy.

Sincerely,



David Cochran
Dean, School of Business & Technology
(316) 942-4291 x2255



NU **NEWMAN**
UNIVERSITY

A Degree of Difference



AAD Data Analytics

Program Course List

| Number | Title | Credits | Relationship | Description | Pre/Corequisites |
|---------|-------------------------------------|---------|-------------------------------------|--|------------------|
| AAD 110 | Data Exploration and Interpretation | 3 | Required AAS CERT B CERT A | This course will enable the student to examine the role data analytics plays in helping to make better decisions based on data. The student will explore various models that can be utilized to help summarize, visualize, and interpret data in a variety of disciplines. | |
| AAD 120 | Data Visualization | 3 | Required AAS CERT B CERT A | This course provides students with an introduction to data literacy and quantitative skills. These skills are prerequisites for data-driven fields | |

| | | | | | |
|----------------|--------------------------------|---|---------------------------|--|----------------------------|
| | | | | of study, professional success, and everyday life. In this course, data literacy is defined as “to understand, explore, and communicate with data”. This course provides students the opportunity to learn through hands on experience with data and will help students share information about people, places, things, events, and phenomena, and answer questions about the world around us. | |
| AAD 130 | Python Data Foundations | 3 | Required AAS CERT B | Python/R Data Foundations course is designed to introduce students to the exciting opportunities available at the intersection of data analysis, computing, and mathematics through hands-on activities. Data are everywhere, and this curriculum will help prepare students to live in a world of data. The curriculum focuses on practical applications of data analysis to give students concrete and applicable skills. This course engages students | AAD 120 Data Visualization |

| | | | | | |
|----------------|----------------------------------|---|-------------------------------------|--|---------------------------------|
| | | | | <p>with a wider world of data that fall into the "Big Data" paradigm and are relevant to students' lives. Statistical inference is taught algorithmically, using modern randomization and simulation techniques. Students will learn to find and communicate meaning in data, and to think critically about arguments based on data.</p> | |
| AAD 140 | SQL Database Applications | 3 | Required AAS CERT B CERT A | <p>This course will learn to use SQL to streamline their work. An overview of relational database management systems is then followed by setting up MySQL Workbench and design a database using examples. Query single and multiple tables, modify data using SQL querying. This course will also cover aggregate functions, flow controls statements, error handling, and subqueries. Best practices for writing SQL and designing indexes and tables will also be covered.</p> | AAD 130 Python Data Foundations |

| | | | | | |
|----------------|-------------------------------|---|---------------------------|--|-----------------------------------|
| AAD 150 | Data Engineering | 3 | Required AAS CERT B | In this course students will learn the skills necessary to to integrate, transform and consolidate data from various structured and unstructured data systems into structures that are suitable for building analytics solutions . Topics will include data storage, data processing and data security . | AAD 140 SQL Database Applications |
| AAD 160 | Data Modeling | 3 | Required AAS | In this course students will explore the process of simplifying the diagram or data model of a software system by applying certain formal techniques. It involves creating and expressing a conceptual representation of data objects and their relationships to one another. | AAD 140 SQL Database Applications |
| AAD 210 | Power BI & Tableau | 3 | Required AAS CERT B | This course covers the content required for the Power BI Data Analyst Associate and Tableau Desktop Specialist certifications that validates the skills and knowledge required to enable businesses to maximize the value of their data assets by using | |

| | | | | | |
|----------------|----------------------------------|---|---------------------------|---|--|
| | | | | Power BI and Tableau. | |
| AAD 220 | Predictive Analytics | 3 | Required AAS CERT B | Students will deepen their understanding of data analysis processes and methods, with a particular focus on descriptive analytics and predictive analytics methods. In the process, students will advance their proficiency with industry-leading analytics software, grow increasingly comfortable with analytics programming, and refine their presentation and reporting skills. | CLD 138 Object-Oriented Programming (Python) |
| AAD 230 | Advanced SQL Applications | 3 | Required AAS CERT B | This course will provide students with the algebraic skills necessary to begin understanding abstract mathematical concepts that involve arithmetic and algebraic manipulation, equations and inequalities, graphs, analysis of equations and graphs, and real-world applications. | AAD 140 SQL Database Applications |
| AAD 240 | Data Analytics Internship | 3 | Required AAS CERT B | In this project-based course, students will apply the skills and knowledge acquired throughout the Data Analytics program to a real- | |

| | | | | | |
|----------------|-----------------------------------|---|-------------------------------------|--|--|
| | | | | world project. Students will produce a critical reflection on their capstone experience demonstrating how they have addressed specific learning goals. A successful project will include a project presentation to representatives of industry, faculty and fellow students. | |
| ACC 105 | Fundamentals of Accounting | 3 | Required AAS CERT B | This is a course designed for students who want a working knowledge of accounting, but not to the extent as a person working primarily in the accounting field. Although the basic accounting principles are learned and applied, the course, in comparison to Principles of Accounting I, covers a smaller amount of material at a somewhat slower pace. It is recommended for students with no previous accounting background. | |
| CLD 118 | Cloud Fundamentals | 3 | Required AAS CERT B CERT A | This course covers cloud services from a business perspective. This includes the business value of cloud computing, | |

| | | | | | |
|----------------|---|---|-------------------------------------|--|---|
| | | | | cloud types, steps to a successful adoption of the cloud, impact and changes on IT service management, as well as risks and consequences. | |
| CLD 113 | Introduction to Python | 3 | Required AAS CERT B | Programmers are in higher demand today than ever before. Get the essential skills and tools to become a successful software engineer and learn the fundamental concepts and practices that are critical to the task of coding—no matter what language you choose. In this course, students will develop the knowledge to begin programming in any language, connect programming theory to practice in real-life scenarios, and apply best practices from experts in the field. | |
| CLD 138 | Object-Oriented Programming (Python) | 3 | Required AAS CERT B CERT A | Python is an interpreted, object-oriented, high-level programming language with dynamic semantics. Its high-level built in data structures, combined with dynamic typing | CLD 129 Programming Foundations (Swift iOS) or INF 113 Introduction to Programming |

| | | | | | |
|--|--|--|--|--|--|
| | | | | <p>and dynamic binding, make it very attractive for Rapid Application Development, as well as for use as a scripting or glue language to connect existing components together. Python's simple, easy to learn syntax emphasizes readability and therefore reduces the cost of program maintenance. Python supports modules and packages, which encourages program modularity, object oriented application, and code reuse. Object Oriented Programming (OOP) refers to using self-contained pieces of code to develop applications. IT Professionals call these self-contained pieces of code objects, better known as Classes in Python. IT Professionals use objects as building blocks for scripting and applications which allows us to adopt some valuable techniques. In this course students will build their understanding of Python piece by piece starting with the basics and</p> | |
|--|--|--|--|--|--|

| | | | | | |
|----------------|-------------------------------|---|--------------|--|-----------------|
| | | | | work into algorithms, standard libraries, GUI development, and generators. At the end of this course students will be fully proficient in python having covered advanced python development as well as parallel and concurrent programming. | |
| | Communication Elective | 3 | Required AAS | This course 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. | |
| 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 | ENG 030 English |

| | | | | | |
|----------------|------------------------------|---|--------------|---|------------------------------|
| | | | | writing a documented essay in Modern Language Association (MLA) style. | |
| | Humanities Elective | 3 | Required AAS | This course 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 | |
| MTH 120 | Elementary Statistics | 3 | Required AAS | This course will enable the student to collect data by appropriate sampling techniques, summarize data with graphs and tables, calculate descriptive statistics, identify misuses of statistics, assess risk using concepts of probability, estimate and make decisions | MTH 101 Intermediate Algebra |

| | | | | | |
|------------|----------------------|---|-----------------|--|--|
| | | | | <p>about means and proportions through the use of confidence intervals and hypothesis testing, and perform linear regression. Topics include: Data Collection; Organizing and Summarizing Data; Numerically Summarizing Data; Describing the Relation between Two Variables; Probability; Discrete Probability Distributions; The Normal Probability Distribution; Sampling Distributions; Estimating the Value of a Parameter; Hypothesis Tests Regarding A Parameter, and Inferences on Two Samples. The learning outcomes and competencies detailed in this outline meet, or exceed the learning outcomes and competencies specified by the Kansas Core Outcomes Project for this course, as approved by the Kansas Board of Regents (Transfers as MAT 1020).</p> | |
| MTH | Math Elective | 3 | Required AAS | <p>This is a place holder course for the math electives. To fulfill</p> | |

| | | | | | |
|--|--------------------------------|---|--------------|---|--|
| | | | | this elective students may choose between MTH 101 or MTH 112. | |
| | Social Science Elective | 3 | Required AAS | <p>This course is the placeholder for the Social Science elective. Students may enroll in the following courses to fulfill the social Science elective:</p> <p>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</p> | |



Collaboration Agreement between
Wichita State University Campus of Applied Sciences and Technology (WSU Tech)
and Wichita Public School District USD 259

This Memorandum of Understanding (MOU) sets forth the terms and understanding between Wichita State University Campus of Applied Sciences and Technology (WSU Tech) and Wichita Public School District USD 259 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 Wichita Public School District USD 259 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 Wichita Public School District USD 259 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 Wichita Public School District USD 259 undertaking the following activities in these critical areas. (Please check which areas you wish to participate in.) The programs involved are the following:

Accounting
Data Analytics
Esports Management
Mental Health Technician
Mobile Equipment Technology

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 Wichita Public School District USD 259. This MOU shall become effective upon signature by the authorized officials from WSU Tech and Wichita Public School District USD 259 and will remain in effect until modified or terminated by any one of the partners by mutual consent.

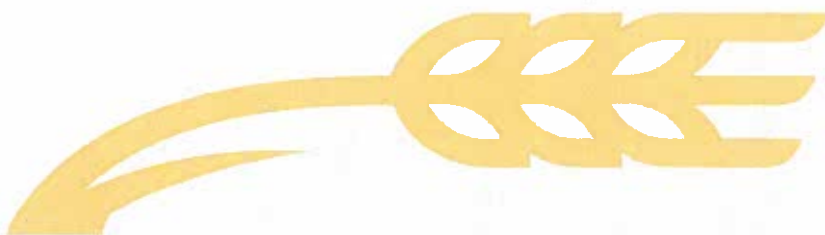
Your generosity and collaboration for the students of WSU Tech is greatly appreciated and we are honored to have you as a supporter and partner!

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 Wichita Public School District to provide the above checked services for the programs to publicly support WSU Tech students.

Contact Information and Signatures

Wichita Public School District USD 259

Representative Name: Kelly Bielefeld

Position: Superintendent

Address: 903 S. Edgemoor, Wichita, KS 67218

Telephone: (316) 973-4580

E-mail: kbielefeld@usd259.net

Signature Kelly Bielefeld

Date: 4-15-24

WSU Tech

WSU Tech Representative Name: Jena Roth

Position: Dean, High School Partnerships & Community Outreach

Address: 4004 N Webb Rd

Telephone: 316.677.

E-mail: jroth2@wsutech.edu

Signature Jena Roth

Date: 4/12/2024



KBOR Fiscal Summary for Proposed Academic Programs
CA-1a Form (2020)

Institution: Wichita State University Campus of Applied Sciences and Technology

Proposed Program: Data Analytics

| 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: | | 20 | -- | |
| Part II. Ongoing Program Costs | | First Two Years | | |
| A. Faculty | | Existing: | New: | Funding Source |
| Full-Time | #1 | \$130,000 | \$ | 65,000 per year from the program budget |
| Part-Time | # | \$ | \$ | |
| | | Amount | Funding Source | |
| B. Equipment required for program | | \$0.0 | | |
| C. Tools and/or supplies required for the program | | \$0.0 | | |
| D. Instructional Supplies and Materials | | \$2000.00 | 1000.00 per year from the program budget | |
| E. Facility requirements, including facility modifications and/or classroom renovations | | \$0.0 | | |
| F. Technology and/or Software | | \$0.0 | | |
| G. Other <i>(Please identify; add lines as required)</i> | | 0.0 | | |
| Total for Program Sustainability | | 132,000 | Program budget | |

| 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 | |
| Headcount: | | 10 | -- | |
| Part II. Initial Budget | | Implementation Year | | |
| Faculty | | Existing: | New: | Funding Source: |
| Full-time | #1 | \$ | \$65,000 | New Program Development Fund |
| Part-time/Adjunct | # | \$ | \$ | |
| | | Amount | Funding Source | |
| A. Equipment required for program | | \$0.0 | | |
| B. Tools and/or supplies required for the program | | \$0.0 | | |
| C. Instructional Supplies and Materials | | \$1000.00 | New Program Development fund | |
| D. Facility requirements, including facility modifications and/or classroom renovations | | \$0.0 | | |
| E. Technology and/or Software | | \$0.0 | | |
| F. Other <i>(Please identify; add lines as required)</i> | | 0.0 | | |
| Total for Implementation Year | | 66,000 | New Program Development Fund | |

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

N/A

Submit the completed application and supporting documents to the following:

Director of Workforce Development
Kansas Board of Regents
1000 SW Jackson St., Suite 520

KBOR Fiscal Summary for Proposed Academic Programs
CA-1a Form (2020)

Topeka, Kansas 66612-1368

Per statute (K.S.A. 72-3810), the Kansas Board of Regents shall establish general guidelines for tuition and fee schedules in career technical education courses and programs. The Excel in CTE tuition and fee schedule of every technical education program shall be subject to annual approval.

Please include all costs charged to high

school students for the proposed new program

| | |
|--------------------------|---|
| Institution Name: | Wichit State University Campus of Applied Sciences and Technology |
| Program Title: | Data Analytics |
| Program CIP Code: | 30.7101 |

Please list all fees associated with this program:

Only list costs the institution is charging students.

| Fee | Short Description | Amount |
|------------|--|---------------|
| | There are no fees associated with this program | |
| | | |
| | | |
| | | |
| | | |
| | | |

Please list all courses within the program and any fees associated to those courses :

Only list costs the institution is charging students. Do not duplicate expenses.

| Course ID | Short Description | Amount |
|------------------|---|---------------|
| AAD 130 | Testing Fee Certified Associate in Data Analytics with Python | \$ 115.00 |
| ADD 210 | Testing Fee Power BI Data Analyst Associate | \$ 265.00 |
| ADD 230 | Testing Fee Oracle Database SQL (1Z-071) | \$ 245.00 |
| MTH 120 | Statistics Informed Decisions Using Data - 5th edition | \$ 71.00 |
| ACC 105 | College Accounting Mcgraw Seventeenth edition McGraw Hill publisher | \$ 71.00 |
| | | |
| | | |
| | | |
| | | |

Please list items the student will need to purchase on their own for this program:

Institution is not charging students these costs, rather students are expected to have these items for the

| Item | Short Description | Estimated Amount |
|-------------|--|-------------------------|
| | Students will not need to purchase any additional items for this program | |
| | | |
| | | |
| | | |

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 (<i>contact person for the approval process</i>) | <p>Jennifer Seymour</p> <p>Vice President of General Education and Applied Technologies</p> <p>jseymour2@wsutech.edu</p> <p>316.677.1695</p> |
| Name, title, phone, and email of the Perkins Coordinator | <p>Tara Carlile</p> <p>Perkins Grant Coordinator</p> <p>316.677.9547</p> <p>Tcarlile1@wsutech.edu</p> |
| Program Name | Data Analytics |
| Program CIP Code | 30.7101 |
| Educational award levels <u>and</u> credit hours for the proposed request(s) | <p>AAS –60 Credits</p> <p>CERT B 42 Credits</p> <p>CERT A 18 credits</p> |
| Number of concentrators for the educational level | 20 |
| Does the program meet program alignment? | This is not an aligned program |
| How does the needs assessment address the occupation and the program (<i>provide page number/section number from the CLNA and describe the need for the program</i>) | <p>The proposed Data Analytics program is in direct alignment with the 2025/26 Perkins Comprehensive Local Needs Assessment report. Question 2 starting on page 14 addresses pathways/programs not currently offered but needed which include Data Analytics. The report indicates the occupational code of 13-111 Management Analyst as part of the combined 353 annual openings in the Wichita region. The report also indicates “Data analysts are in high demand and not restricted to one specific industry. An occupation report from JobsEQ shows that there are 463 active job ads for management analysts.”</p> |

Carl D. Perkins Funding Eligibility Request Form

Strengthening Career and Technical Education for the 21st Century Act

CA-1c Form (2022)

| | |
|---|--|
| Justification for conditional approval: <i>(how will Perkins funds will be used to develop/improve the program)</i> | 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 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? <i>(Contact Board staff for technical assistance if there are questions regarding accessibility)</i> | This program will be offered in multiple modalities. The online/hybrid courses meet accessibility standards. The face-to-face courses will take place at the WSU Tech South location, which meets ADA accessibility requirements. This campus also includes a fully accessible hybrid/hyflex classroom designed for the effective delivery of online content. Additionally, the Associate Dean for the program serves on the WSU Tech Accessibility Committee. |

Signature of College Official Jennifer L Seymour Date 04/12/2024

Signature of KBOR Official _____ Date _____

Kansas Promise Eligibility Request Form

CA-1d Form (2022)

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

Program Eligibility

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

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

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

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

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

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

| | |
|---|--|
| Name of Institution | Wichita State University Campus of Applied Sciences and Technology |
| Name, title, and email of person responsible for Academic program | Jennifer Seymour Vice President of General Education and Applied Technologies |

Kansas Promise Eligibility Request Form

CA-1d Form (2022)

| | |
|---|---|
| | jseymour2@wsutech.edu 316.677.1695 |
| Name, title, and email of Financial Aid contact | Lacey Ledwich Senior Director, Financial Aid Lledwich@wsutech.edu 316.677.9421 |

| 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 |
| 30.7101 | Data Analytics | High Wage, High Demand | AAS CERT B | 8/1/2025 |

| 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 |
| | | | | |

| 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 |
| | | | | |

Kansas Promise Eligibility Request Form

CA-1d Form (2022)

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

Signature of College Official Jennifer L Seymour Date 04/12/2024

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



WSU Tech – Data Analytics BILT Committee Monday, February 5, 2024

Attendance:

| Name | Company |
|-------------------|--|
| Christopher Wyant | Cornerstone Data BILT Committee Chair |
| David Cochran | Newman University |
| Conner Hampton | Flagship Kansas.Tech |
| Sara Anstey | Novacoast |
| Matthew Lewis | WSU Tech BILT Rep |

- Welcome & Group Introductions – first BILT committee meeting
- Review/Approved previous minutes from
 - Computer Support – Fall 2022
 - Computer Support & Cloud Application Development – Spring 2023
- Overview of Data Analytics Program
 - Shared program and individual course names, descriptions, and outcomes
 - Identify relevant industry certifications.
 - Python Institute PCEP & PCAP
 - CompTIA Data+
 - Cisco Data Analytics Essentials
 - Database Foundations Associate
 - Azure Data Fundamentals
 - Power BI Data Analyst Associate
 - Tableau Desktop Specialist
 - Database SQL Certified Associate
- Strategic Vision
 - Will be opening a Future Ready Center for High Schools students at USD 259, Fall 2025.
 - Development opportunity of 2+2 with Newman University.
 - Increasing engagement with Data Professionals Meet up Group.

National Center for Aviation Training
4004 N. Webb Road | 316.677.9400

City Center | 301 S. Grove | 316.677.9400

WSU Old Town | 213 N. Mead | 316.677.9400

WSU South | 3821 E. Harry | 316.677.9400

www.WSUTECH.edu





Information Technology Systems
Cloud Development/Cloud Applications
Industry Advocate Team

Wednesday, September 28 2022, 3:30pm
Zoom and In-Person Meeting (WSU South – Auditorium)

MINUTES

Attendees:

| Name | Industry | Name | Industry |
|---------------|---------------|-----------------|------------|
| John Douglass | Pileus Tech | Rodney Horton | Course One |
| Nici Duncan | High Touch | Brian Pond | YMCA |
| Kevin Lyerla | Fidelity Bank | Chace Ausherman | KSFiberNet |
| Marla Hayden | USD 259 | John Hageman | KSFiberNet |
| Jessi Lane | WSU Tech | Matthew Lewis | WSU Tech |
| Ashley Likes | WSU Tech | Nancy Nydam | WSU Tech |
| John Davis | WSU Tech | Anthony Rosas | WSU Tech |
| Dajina Kiel | WSU Tech | Randy Roebuck | WSU Tech |
| Shannon Riley | WSU Tech | Karen Shepard | WSU Tech |

I. Welcome and Introductions

- a. Dean, Academic Coordinator, Program Directors
 - Jessi Lane, Dean of Applied Technologies
 - Matthew Lewis, Program Director of IT Technologies
 - Ashley Likes, Program Director of Digital Technologies
 - Karen Shepard, Academic Coordinator of Applied Technologies

II. Student Success Stories

- Jared Lathrop-Cloud Applications
 - Jared is currently working at NovaCoast. Was in the first cohort for the Cloud program. Student has returned for subsequent semesters.
- Danny Hans-Information Technology
 - Danny is currently working in the IT department at WSU Tech as a Technology Support Specialist.
- Garrett Turner – Information Technology –
 - Garrett is visually impaired and has been with the program for a few semesters. He is applying to work at WSU Tech as a Support Specialist.





III. State of the Department

- Fall 22 headcount vs Fall 21 headcount
 - Fall 22 – 198 students, Fall 21 – 148 students
- High school enrollment
 -
- Strategies employed to increase enrollment
 - Additional cohort to accommodate influx of enrollment in the Information Technology Department
 - Hired additional adjunct faculty to support additional course offerings
 - Addition of Cloud Development/Cloud Application program
 - Success Coaching
 - Offering more hybrid and online courses

IV. Employer Resources

- Handshake
 - Employers can easily sign up, post open jobs and recruit students
 - Students are able to search and apply for on-campus employment, co-op/internship positions and full-time employment, as well as workshops, career events and more
- One WorkForce Grant
 - Goal of the project is to equip workers with emerging technical skills to build a stronger pipeline for employers in Technology and Advanced Manufacturing occupations in South Central Kansas. Can reach out to Maddie Gegen for more information to assess current training needs and assist funding scholarships based on need.

V. Industry Feedback

- Word Cloud (Members gave challenges they foresee in the next 1-3 years in the IT industry)
 - Cyber attacks, pay, cost of talent, turnover, integration, recruitment, training, remote workforce, salary growth, applications, soft skills and qualified candidates, were among the answers given.



- Survey (QR Code)
- Skills gap discussion
- Internships & Apprenticeships





Information & Digital Technology Systems
April 19, 2023 @ 3:30 PM
Virtual and In Person (WSU South – E119)

Minutes

Attendees:

| Name | Company | Name | Company |
|-------------------|--------------------------|---------------|----------|
| Joy Eakins | Cornerstone Data Inc | DaJina Kiel | WSU Tech |
| Mark D Eaton | Envision, Inc. | Jena Roth | WSU Tech |
| Tracy Hoover | Groover Labs | Jessi Lane | WSU Tech |
| Nici Duncan | High Touch | Karen Shepard | WSU Tech |
| Chace Ausherman | KsFiberNet | Matthew Lewis | WSU Tech |
| John Hageman | KsFiberNet | Ron Lam | WSU Tech |
| Paul Grimes | Textron Aviation | Ashley Likes | WSU Tech |
| Susie Smith | Twotrees Technologies | Anthony Rosas | WSU Tech |
| Brian Austin | Wichita State University | Nancy Nydam | WSU Tech |
| Gary Gaston | Wichita State University | Shannon Riley | WSU Tech |
| Tonya Witherspoon | Wichita State University | Ildo Martins | WSU Tech |

I. Introductions of Faculty and Staff associated with Program:

- a. Dean, Academic Administrator, Faculty, Program Directors
- b. Approval of minutes from fall 2022
 - i. Motion to accept minutes from fall from Gary Gaston
 - ii. Seconded by Susie Smith
 - iii. Motion passed, minutes accepted

II. Past Considerations

- a. Program Statistics – Page 6 (currently trending up)
 - i. Currently a drop in HS enrollment and adult is trending up. USD 259 has seen a lot of turnover, so as they replace staff, should see an increase.

III. Current State of the Program Report

- a. Program Flow
 - i. Information Technologies (Page 6)
 - ii. Digital Technologies (Page 7)
- b. Industry/Workforce Collaborations (Page 8)
 - i. Reminder that Handshake is still great resource to connect industry partners and students to open jobs you may have.



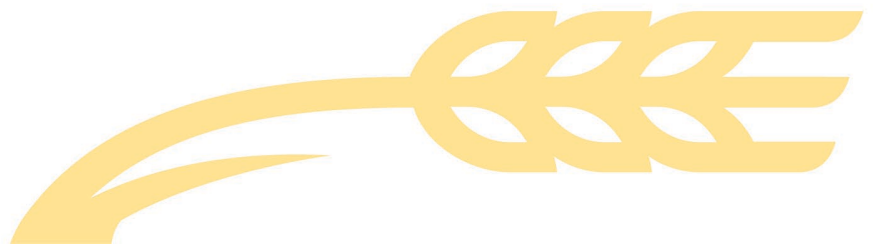
IV. Input from Industry

- a. Pre-Meeting Discussion with the following questions (filled out prior to attending IAT Meeting):
 - i. How do our students meet your current workforce needs and where do they fall short?
 - Homework assignments that are more geared to real-world experiences
 - ii. If WSU Tech could do only two things to help your company in this fields, what would it be?
 - Azure, Agile
 - Data Analysts/Data Engineering
 - a. Power BI
 - iii. What industry certifications are you looking for?
 - CompTIA
 - iv. Which is more important for your consideration of a potential job candidate?
 - Both Certifications and Real World Experience
 - v. What are new skill sets required to compete in today's environment that we need to add to our curriculum?
 - Azure, Agile
 - vi. What skill sets does your company need training on for your workforce to stay competitive?
 - All Microsoft/DevOps
 - Comment: If companies can send general job descriptions that we're able to see what skills are needed, it's helpful for us to know we're teaching those skillsets in the classroom
- b. Other questions as may arise

Meeting adjourned at 4:12 pm

Link to recording of meeting:

<https://wsutech.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=08820ed4-141f-444f-89b6-afe90163b2f0>





Industry Advocate Team (IAT)

Spring 2023 - Industry Advocate
Team



Information & Digital Technologies

April 19, 2023

Matthew Lewis & Ashley Likes
Program Directors, WSU Tech

Sign in online @ <https://bit.ly/23iat-inf>

Careers start here.



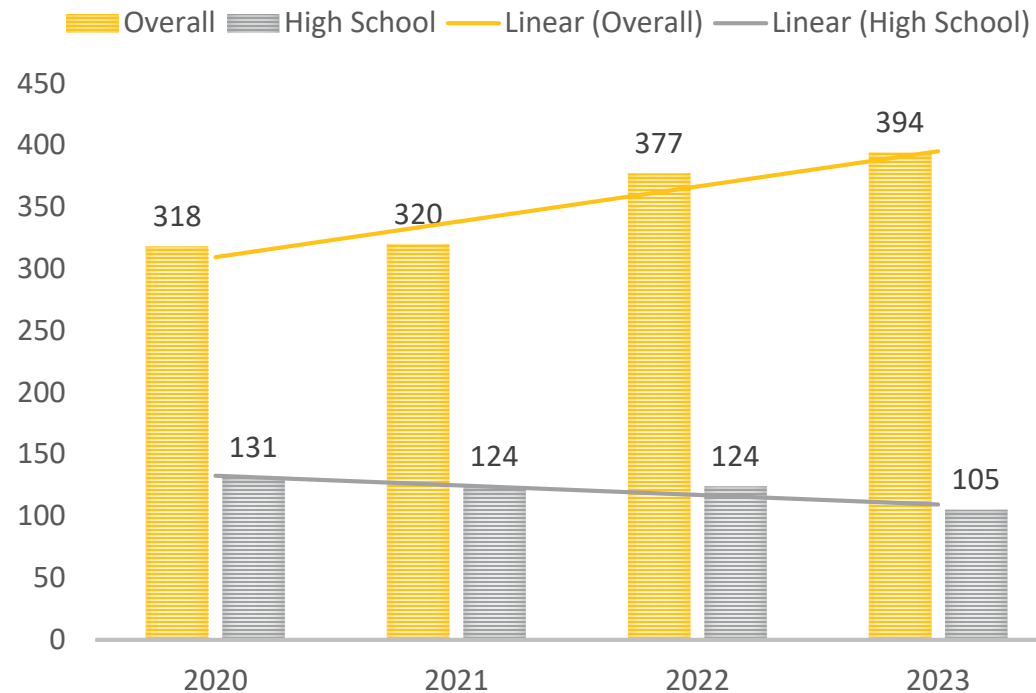
Staff & Faculty

- **Dr. Jennifer Seymour Ed. D**
Vice President of General Education & Applied Technologies
Interim Dean of Applied Technologies
- **Jessi Lane**
Dean of Applied Technologies
- **Karen Shepard**
Academic Coordinator of Applied Technologies
- **DaJina Kiel MSW**
Assistant Director of Academic Advising
- **Dalisa Portley**
Student Success Coach
- **Matthew Lewis**
Program Director, Information Technology
- **Ashley Likes**
Program Director, Digital Technology
- **John Davis**
Faculty, Information Technology
- **Nancy Nydam**
Faculty, Information Technology
- **Anthony Rosas**
Faculty, Information Technology
- **Shannon Riley**
Faculty, Digital & Information Technology



Program Statistics

UNDUPLICATED HEADCOUNT



| Age | 2022 |
|---------|-------|
| 18 – 19 | 18.9% |
| 20 – 21 | 18.9% |
| 22 – 24 | 10.5% |
| 25 – 29 | 18.1% |
| 30 – 34 | 10.1% |
| 35 + | 18.9% |

| Sex | 2021 | 2022 |
|--------|-------|-------|
| Female | 20.7% | 20.6% |
| Male | 79.3% | 79.4% |

| | 2021 | 2022 |
|------------------------|-------|-------|
| Racial/Ethnic Minority | 38.3% | 41.6% |

| | 2021 | 2022 |
|-----------------|-------|-------|
| Placement Rates | 92.9% | 88.9% |

Employed Related or Continuing Education



Information Technologies – Program Flow

Daytime Cohort (Mornings & Afternoons)

| Course # | Course Name | Weeks | PreReq | Course # | Course Name | Weeks | PreReq |
|---------------------|----------------------|-------|--------|---------------------|---------------------------|-------|--------|
| <u>1st Semester</u> | | | | <u>3rd Semester</u> | | | |
| 105 | A+ Essential | 5 | n/a | 127 | Linux + Part I | 4 | 116 |
| 110 | A+ Application | 4 | 105 | 128 | Linux + Part II | 4 | 127 |
| 112 | Network Essentials | 4 | 110 | 160 | Server Security | 4 | 134 |
| 134 | Server | 4 | 110 | 165 | Advanced Cyber Security | 4 | 120 |
| <u>2nd Semester</u> | | | | <u>4th Semester</u> | | | |
| 113 | Intro to Programming | 4 | n/a | 164 | CCNA - SRWE | 4 | 116 |
| 115 | Network + Part I | 4 | 112 | 167 | CCNA - ENSA | 4 | 164 |
| 116 | Network + Part II | 4 | 115 | 123 | DevNet | 4 | 113 |
| 120 | Security + | 4 | 134 | 180 | Advanced Network Security | 4 | 165 |



Digital Technologies – Program Flow

Fall Start

| Required Classes | Name | Credit Hours | Semester |
|------------------|--------------------------|--------------|----------|
| INF 129 | Programming Foundations | 3 | Fall 1 |
| INF 118 | Cloud Fundamentals | 3 | Fall 1 |
| INF 121 | Intro to JavaScript | 3 | Spring 1 |
| INF 138 | OOP Python | 3 | Spring 1 |
| INF 122 | Intro to Web Development | 3 | Spring 1 |
| INF 158 | Multi Cloud Dev | 3 | Fall 2 |
| INF 166 | Cloud App Dev I | 3 | Fall 2 |
| INF 175 | Internship | 3 | Fall 2 |
| INF 126 | TDD JavaScript | 3 | Summer 1 |
| INF 143 | Web App Dev I | 3 | Summer 1 |
| Total Tech Hours | | 30 | |

| Elective Classes | Name | Credit Hours | Semester |
|----------------------|-----------------------------------|--------------|----------|
| CLD 168 | AWS Cloud Practitioner | 3 | Fall 1 |
| CLD 137 | C# | 3 | Fall 1 |
| CLD 147 | Website Production and Management | 3 | Spring 1 |
| CLD 170 | Cloud App Dev II | 3 | Fall 2 |
| CLD 141 | TDD Python | 3 | Fall 2 |
| Total Elective Hours | | 15 | |

Spring Start

| Required Classes | Name | Credit Hours | Semester |
|------------------|--------------------------|--------------|----------|
| INF 129 | Programming Foundations | 3 | Spring 1 |
| CLD 138 | Python | 3 | Spring 1 |
| INF 118 | Cloud Fundamentals | 3 | Spring 1 |
| INF 122 | Intro to Web Development | 3 | Summer 1 |
| INF 166 | Cloud App Dev I | 3 | Fall 1 |
| INF 121 | Intro to JavaScript | 3 | Fall 1 |
| INF 126 | TDD JavaScript | 3 | Fall 1 |
| INF 143 | Web App Dev I | 3 | Fall 1 |
| INF 158 | Multi Cloud Dev | 3 | Spring 2 |
| INF 175 | Internship | 3 | Spring 2 |
| Total Tech Hours | | 30 | |

| Elective Classes | Name | Credit Hours | Semester |
|----------------------|-----------------------------------|--------------|----------|
| CLD 168 | AWS Cloud Practitioner | 3 | Spring 1 |
| INF 137 | C# | 3 | Summer 1 |
| CLD 170 | Cloud App Dev II | 3 | Spring 2 |
| CLD 147 | Website Production and Management | 3 | Spring 2 |
| CLD 141 | TDD Python | 3 | Spring 2 |
| Total Elective Hours | | 15 | |



State of the Program cont.

Industry/Workforce Collaborations





Input from Industry

- How do our students meet your current workforce needs and where do they fall short?
- If WSU Tech could do only two things to help your company in this fields, what would it be?
- What industry certifications are you looking for?
- Which is more important for your consideration of a potential job candidate?
- What are new skill sets required to compete in today's environment that we need to add to our curriculum?
- What skill sets does your company need training on for your workforce to stay competitive?

Questions??

Matthew Lewis

Program Director – Information Technologies

mlewis12@wsutech.edu

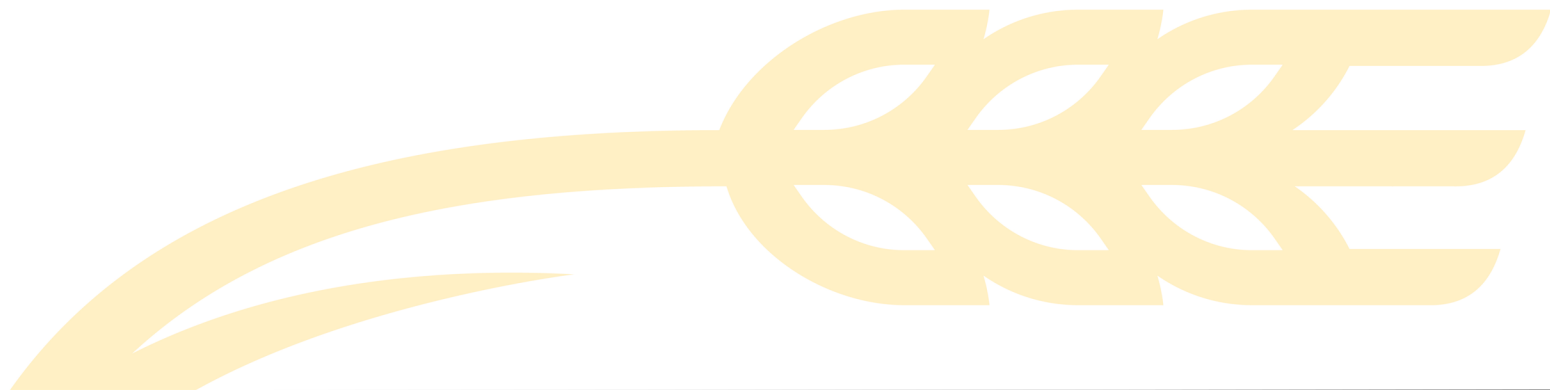
316.677.1726

Ashley Likes

Program Director – Digital Technologies

alikes@wsutech.edu

316.677.1321



WSU South

3821 E. Harry St. | Wichita, KS 67218

Tel 316.677.9400 | www.WSUTECH.edu

Careers start here.



WSU Tech – Data Analytics BILT Committee
Thursday, November 14, 2024, at 7:30pm

MINUTES

Attendees:

| Name | Company |
|-------------------|-------------------------------------|
| Christopher Wyant | TEC Systems BILT Committee Chair |
| David Cochran | Newman University |
| Sara Anstey | Novacoast |
| Joy Eakins | Cornerstone Data |
| Alyssa McGinn | InfoFluency |
| Mark Long | Genius Innovation, LLC |
| Matthew Lewis | WSU Tech BILT Rep |

I. Welcome and Introductions

- Review/Approve Spring 2024 minutes from Monday, February 5, 2024

II. Data Analytics Program

- Approval status update
 - Need updates to the MOUs previously submitted few months ago
 - Adding expressed interest to interview program students that have/will earn AAS degree.
- Review of previously approved program
 - Individual courses, descriptions, & outcomes
 - Course program flow
 - Industry certifications
- Committee Support
 - All approved the program as proposed
 - All agreed to update their MOUs
 - All agreed to attend the KBOR review meeting, if able

III. Information Technology Programs – Strategy Vision

- USD 259 IT Future Ready Center full launch Fall 2025.
- 2+2 Development with Newman University
- Increase industry/student engagement



**WSU Tech Board of Trustees
Board Minutes
February 15, 2024**

| | |
|---|--|
| | <p>WSU Tech Board of Trustees met face-to-face at 3:04 PM., on February 15, 2024. The meeting was held at NCAT with a virtual option.</p> <p>Present: Maggie Topping, Pete Meitzner, Derrick Nielsen, Doug Stark, Andrew Nichols, Greg Stroud, Bryan Frye and Lily Wu (3:10 pm)</p> <p>Virtual: Kristin Robert and Alicia Thompson</p> <p>Absent: Meredith Olsen, Matt Hesse, Jay Hohl and Hans Kabat</p> |
| Public Communications | All proper notifications have been sent out and we have no speakers signed up to speak under Public Communications |
| Make A Difference Student Award – Justin Pfeifer | <p>Azucena Vega-Monarrez - Associate Degree Nursing Student</p> <p>Her plan is to transfer to WSU to get her BSN. Azucena is first generation in her family. Azucena was at the FRC Ribbon Cutting</p> |
| Consent agenda | <p>a. BOT Meeting Minutes Recommendation action: Approval of the WSU Tech Meeting Minutes on December 14, 2023 were provided to the Board electronically.</p> <p>The board minutes were considered and discussed and thereupon on the motion of Board member Doug Stark seconded by Derrick Nielsen, the board minutes were approved.</p> <p>Motion carried: 10-0 with Meredith Olsen, Matt Hesse, Jay Hohl and Hans Kabat noted absent.</p> <p>b. <u>Board review & ratification of employment offers -</u></p> <p>Megan Clary, Clinical Coordinator <u>Education/Credentials:</u> Bachelor of Science in Nursing, William Jewell</p> <p>Nate Arida (internal) Faculty, English <u>Education/Credentials:</u> Master of Fine Arts – English, Wichita State University</p> <p>Brynn Thompson, Manufacturing Outreach Coordinator <u>Education/Credentials:</u> Master of Fine Arts – Sociology, Wichita State University</p> <p>Clifton Nelson, EPIIC Project Manager <u>Education/Credentials:</u> Master of Arts in Education/Curriculum & Instruction, University of Phoenix</p> <p>Keegan Courtright, Sous Chef <u>Education/Credentials:</u> Associates of Applied Science – Culinary Arts, Butler County Community College</p> <p>Adrianna Anderson, High School Advisor <u>Education/Credentials:</u> Associate in science – Liberal Arts, Butler County Community College</p> <p>Chloe Cloud, Visual Designer <u>Education/Credentials:</u> Bachelor of Arts – Studio Art/Graphic Designer, McPherson College</p> <p>Krysti Srey, Faculty, Surgical Tech <u>Education/Credentials:</u> Technical Certificate – Surgical Technology, WSU Tech</p> |

| | |
|----------------------------|---|
| | <p>Howard, Willie, Industry Trainer <u>Education/Credentials:</u> 30 years experience in aviation manufacturing, Cessna, Boeing, Spirit</p> <p>John (Mike) Jones, Industry Trainer <u>Education/Credentials:</u> A&P License 19 years Aviation Maintenance Experience 3 years instructor experience at WSU Tech</p> <p>The consent agenda item(s) were considered and discussed and thereupon on the motion of Board member Greg Stroud seconded by Derrick Nielsen, the Employment offers were approved.</p> <p>Motion carried: 10-0 with Meredith Olsen, Matt Hesse, Jay Hohl and Hans Kabat noted absent.</p> |
| WSU updates | <p>BioMed Center update – Dr. Rick Muma Hand out was given to the board members Presentation for the bio med WSU, WSU Tech and University of Kansas are moving forward with the plans to build a 471,000 sq ft, \$300M shared Wichita BioMed building campus. This will support Wichita downtown development via hospitality, culinary arts, and health sciences. City agreed to give two plots of land near NICHE Largest investment in Higher Ed WSU programs will include College of Health Professions, Communication Sciences, Medical Laboratory Sciences, Physician Assistant, Physical Therapy, Public health Sciences, School of Nursing and Speech Language & Hearing Clinic WSU Tech programs will include Surgical Technician, Practical Nursing, Short Term Health, and Clinical Research Showed Phase I aerial view of the building 9 floor building. This building is for the future with a lot of glass. Phase I should break ground in March. Phase II is where the bus terminals are located.</p> |
| Reports of Officers | <p>Vice President of Finance & Administration – Marlo Dolezal Quick update for January Financials Detail financials are in the portal Enrollment numbers are higher than anticipated which is driving up Tuition and Fee revenue. Large contribution to the Foundation Payroll is under budget Net income is trending above budget through the first 7 months as a result of multiple areas. Operating cash is \$17.4M at the end of January. Cash flow is currently on track to sufficiently support operational needs through the end of the fiscal year as well as fund cash reserves. We will be able to fully fund operating cash reserves.</p> <p>Motion to approve the January Financials was considered and discussed and thereupon on the motion of Board member Derrick Nielsen seconded by Greg Stroud, the financials were approved.</p> <p>Motion carried: 10-0 with Meredith Olsen, Matt Hesse, Jay Hohl and Hans Kabat noted absent.</p> <p>Vice President of Student Success – Dr. Justin Pfeifer Enrollment Report</p> |

| | | | | | | | | | | | | | |
|---------------------------|---|-------------|---------|------------------|---------|-------------|----------------|-----------------|--|-------------|------------|----------------|---------------------|
| | <p>20th census day yesterday Spring 2024 Comparison</p> <ul style="list-style-type: none"> - Adult credit hours are up 18.7% - High School credit hours are up 14.6% - Overall Totals up 17% - Headcount is up overall 13.9% <p>Reviewed the Challenges Machining down (612) Design down (317) Auto service down (290) CATIA down (200) Aerospace Coatings & Paint down (161) Sociology is down (126)</p> <p>Other Positives: \$3 Million in KS Promise awarded to 549 students Adults 25% Hispanic/Latino Highest ever headcount and credit hour semester Highest ever high school semester 3,436 - AY FTE 8,336 - AY Unduplicated Headcount Reviewed Headcount charts</p> | | | | | | | | | | | | |
| President's Report | <p>Sheree welcomed new board member, Mayor Lily Wu. Mayor Wu will be representing the City Council.</p> <p>FY25 Budget – Teresa Seymour Reviewed the current and new budget cycle. The new budget cycle will allow additional time for budget analysis and development; improving flexibility to funding changes that occur after February. Annual budget will include a summary of all program Tier Rate changes Reviewed Tuition & Fees preliminary budget estimates. We are staying a conservative It was explained that the tuition & fees are currently separate and looking into rolling them into one amount</p> <p>Tuition & Fees – Justin Pfeifer Board member Meredith Olsen challenged us to get a new proposal together on tuition & fees model The goals of the Committee focused on creating a sustainable model that encourages Simplicity to Students and allows for Efficiencies in Processing. Deep dive by program was completed Procedural build out and implementation 2 models fell into the High/High analysis and were selected as a combined model to move forward -Tuition Only-consolidate Tuition & Fees into one Tuition Rate per Credit Hour -Cost tiering – based on Program Cost; determine tier rate to charge Consolidated into Tuition:</p> <table> <tr> <td>Tuition Fee</td><td>Lab Fee</td></tr> <tr> <td>Registration Fee</td><td>ITL Fee</td></tr> <tr> <td>Student Fee</td><td>Technology Fee</td></tr> <tr> <td>Tool Rental Fee</td><td></td></tr> </table> <p>Remain Separate Fee:</p> <table> <tr> <td>Testing Fee</td><td>Flight Fee</td></tr> <tr> <td>Tool Purchases</td><td>Bookstore Purchases</td></tr> </table> <p>Explained the analysis and development phase Tier increments set at \$40 Structured flexibility – programs can select from existing tiers annually</p> | Tuition Fee | Lab Fee | Registration Fee | ITL Fee | Student Fee | Technology Fee | Tool Rental Fee | | Testing Fee | Flight Fee | Tool Purchases | Bookstore Purchases |
| Tuition Fee | Lab Fee | | | | | | | | | | | | |
| Registration Fee | ITL Fee | | | | | | | | | | | | |
| Student Fee | Technology Fee | | | | | | | | | | | | |
| Tool Rental Fee | | | | | | | | | | | | | |
| Testing Fee | Flight Fee | | | | | | | | | | | | |
| Tool Purchases | Bookstore Purchases | | | | | | | | | | | | |

Lower impacts to students YOY if a program has to move a tier due to economic factors
Recommend “lock in” the tier structure 5-Year Tier increments set every \$40
The Board will review/approve tier rates every 5 years
Individual programs changing 3 or more Tiers within the 5-year period
On the average is a 1% change to tuition

Motion to approve Tier Rates and Processing Phase was considered and discussed and thereupon on the motion of Board member Doug Stark seconded by Andrew Nichols, the Tier Rates were approved.

Motion carried: 10-0 with Meredith Olsen, Matt Hesse, Jay Hohl and Hans Kabat noted absent.

HLC update – Sheree Utash

HLC Team will be here Monday February 26th – 27th
They will meet with the board at 4:00 PM in S210
Handed out a high level overview
Paula Pitts will email out a copy of the HLC Sheet

SME Manufacturing was tabled due to time constraints.

AY24/25 New Programs and Program Revisions- Trish

Approval is needed to move forward.

Following are the New Programs:

Mobile Equipment Technology – AAS and TC

Data Analytics – AAS and TC

Mental Health Technician – AAS and TC

Esports Management – AAS and TC

Accounting – AAS and TC

Board members discussed and reviewed how Mental Health Technician will help with the pipeline to get them out to workforce?

- Mental Health Technician program will be created in partnership with Mental Health Coalition to address workforce shortages in the area.
- Discussed the need for a mental health certification program for nurses, citing a gap in care and the importance of preparing students for the future.
- Discussed the involvement of various stakeholders, including the Board of Nursing, in addressing this issue, but notes a lack of accountability and responsibility.

Nursing program expansion with clinical sites secured.

- discusses the Mental Health Technician Program, including the current oversight by the State Board of Nursing and the need for clinical sites.
- The program aims to expand to include high school students in the future.

AY24/25 Program Revisions:

Automotive Service Technology

Alternative Fuel Vehicle Maintenance & Advanced Electronics

Tooling & Fixture Fabrication

Non-Destructive Testing

Construction Science

Unmanned Aircraft Systems

Patient Care Technician

Cloud Computing

Information Systems Technology

Manufacturing Technology

| | |
|--------------------------|---|
| | <p>Program revisions are being made to improve processes and align with industry requirements, including changes to course titles and keywords.</p> <p>Discussed realignment of programs to meet industry demands, including increased hands-on training.</p> <p>Program revisions were also due to administrative changes, KBOR alignment requirements, aligned to provide a 2+2 opportunity and Streamlined course electives.</p> <p>The New Programs and Program Revision were considered and discussed and thereupon on the motion of Board member Bryan Frye seconded by Lily Wu, the New Programs and Program Revisions were approved.</p> <p>Motion carried: 10-0 with Meredith Olsen, Matt Hesse, Jay Hohl and Hans Kabat noted absent.</p> |
| Executive Session | <p>Motion for Executive Session – 4:00 PM (Maggie Topping/Doug Stark)</p> <p>I move that this Governing Board recess into executive session for 15 minutes to consider personnel matters of non-elected personnel and that the meeting will reconvene to open session no sooner than 4:15 p.m</p> |
| Reconvened | <p>The meeting reconvened at approximately 4:25 PM into open session.</p> <p>Maggie Topping made a motion to approve the RFQ approval to begin contract negotiations with Crossland as the highest scorer. Greg Stroud second</p> <p>Motion carried: 10-0 with Meredith Olsen, Matt Hesse, Jay Hohl and Hans Kabat noted absent</p> |
| Adjournment | <p>At approximately 4:26 p.m., the meeting adjourned</p> |

Approved:

Signature

Dated



Faculty Senate
March 6th, 2023
3:30 pm – 4:40 pm
Zoom 413 097 6269

Elected Faculty Senate Member in Attendance: President- Lauren Thornhill, Vice President- Chuck Kauffman, Secretary- Cassy Payne

Faculty and Administration in Attendance: Scott Simpson, Matthew Lewis, Trish Schmidt, Clint Cartwright, Courtney Gulick, James Lawhead, Jennifer Seymour, Jessi Lane, Josephine Post, Mark Scott, Rob Gibson, Rose Corby, Taylor Nolen, Maisha Corner, Jim Hall, Doug Maury, DeShaun Linson, Flora Diaz

Minutes

1. Greetings- The meeting began on time with an introduction to faculty senate from Lauren Thornhill. Trish Schmidt went on to introduce the Deans over each new program and review and then presented the program revisions. All individuals who are not faculty exited the meeting after all programs were voted on.

2. New Programs for Review: A link was provided to all faculty prior to the meeting with information about the new programs.

All new programs were APPROVED

a. MNT Mental Health Technician- This program will train students to work with mental health patient's in various healthcare settings. The program was introduced as a response to industry partners, trained technicians are in high demand. Two follow up questions were put forward before voting. Will there be any collaboration/partnerships with the VA as they currently offer mental health services? The response was not at this time, but they would like to in the future. They are currently working with multiple other industry partners. Also, a question pertaining to the curriculum and courses to see if there could be future collaboration opportunities between this program and WSU Tech's Criminal Justice/Law Enforcement Programs. It was agreed that this is something they would like to explore once the program is created.

b. AAD Data Analytics- This program was brought forward as the need for information technology continues to grow. The coursework includes SQL Database Applications, python, natural language processing, data engineering, and machine learning.

c. EQP Mobile Equipment Technology- The need for a trained workforce to go out into the field to fix equipment continues to grow. This was presented as taking a current program and making it mobile! The program will integrate concepts from multiple programs. This was developed in response to industry partners. It would be one of only 12 programs in the country.

d. ACC Accounting- This Associate Degree level Accounting program will be a revamp of what we have offered in the past, before it became part of the business program. WSU Tech recognizes the high demand for a stand-alone accounting program. ACC Accounting will offer theoretical knowledge with practical applications to prepare students for entry-level positions in accounting.

e. ESP Esports Management- The Esports industry is growing rapidly. Most area high schools and higher education facilities have their own teams. This is a new program will utilize current general education, business, digital marketing courses with the addition of esports management classes.

3. Program Revisions: A link was provided to all faculty prior to the meeting with information about the program revisions.

All Program Revisions were APPROVED

- a. Automotive service technology, Alternative fuel vehicle maintenance & advanced electronics, Tooling & Fixture Fabrication, Mon-destructive Testing:** Administrative changes, mainly changing course prefixes.
- b. Construction Science:** Changed its KBOR alignment requirements to better fit industry needs.
- c. Unmanned Aircraft System:** New alignments to provide a 2+2 opportunity
- d. Patient Care Technician:** At industry request PCT program decreased credit hours with a greater focus on skills.
- e. Cloud Computing and Information System Technology:** Changes to streamline course electives
- f. Manufacturing Technology-** Administrative changes

4. Faculty of the Year

a. [Survey Link](#) was provided to all faculty, students and staff, Flyers were also created and distributed.

b. Committee- Volunteers needed! Faculty Senate discussed committee purpose and obligations. The committee will review faculty of the year candidates. Once surveys close P&C will review the nominations to ensure all are in good standing with the college. Nominations will then be reviewed by this committee.

Current committee volunteers: Scott Simpson, Courtney Gulick, Maisha Corner, Penny Seiwert, and Taylor Nolen

c. Surveys are out now and will close March 6, 2024

5. Attendance for Online Classes

a. Moving online attendance to one day a week for everyone to discourage instructors from taking attendance on different days each week. - Clint Cartwright explained that online courses need to have attendance taken once a week. The instructor typically chooses the day of the week they would like to take attendance on. However, all days

are available to them. When instructors take attendance on different days each week, it complicates things for those that manage attendance. Faculty Senate discussed what impacts a change would have and what change would be best. Some ideas that were brought up include – Only one day a week would be available for all instructors (possibly Sunday as that is the most common day). Alternatively, each instructor would choose the day that would be available in their particular course. Lastly, the idea of having weeks available rather than a day each week (Week 1 vs. Monday-Sunday). Faculty members expressed no concerns with a single day availability for online classes. Clint will find out more information and update us at our next FS meeting.

6. Work Ethic Scholarship 2024-2025

a. For the tenth year in a row, we're launching the next Work Ethic Scholarship Program and giving away another \$1,000,000 in scholarships this year. We're looking for hardworking men and women who will keep the lights on, water running, and air flowing--people who will show up early, stay late, and bust their backside to get the job done. It's not for everyone, but we know hard workers are out there. Here at WSU Tech, we LOVE to be #1 so Let's have the biggest number of applicants this year.

b. This opportunity is for all students who are currently enrolled in a program and students who are enrolled in future classes. Please reach out to Maisha Corner-Johns mcorner1@wsutech.edu, with any additional questions. Alternatively, you can visit the [Mike Rowe WORKS Website](#).