

**SOUTH DAKOTA BOARD OF TECHNICAL EDUCATION  
ACADEMIC AFFAIRS  
COMMITTEE RECOMMENDATION**

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**SUMMARY**

Southeast Technical College  
Substantive Program Application  
Associate of Applied Science  
Credit for Prior Learning: Paramedic Science

**COMMITTEE RECOMMENDATION**

The Committee on Academic Affairs and Institutional Effectiveness (“Committee”) met on 4/23/2026 to consider the merits of the above application. After review, the Committee makes the following action recommendation to the Board of Technical Education:

- Approval
- Disapproval
- Deferral
- Other:

**PROGRAM DESCRIPTION**

Institution	Southeast Technical College
Program Identifier Code (If applicable)	
Program Title	Paramedic Science
Program Award Level: Check all that apply	<input type="checkbox"/> Short-Term Certificate <input type="checkbox"/> Long-Term Certificate <input type="checkbox"/> Diploma <input checked="" type="checkbox"/> Associate of Applied Science
CIP Code (6 Digit)	51.0904
Projected Implementation Date	8/3/2026
Location	<input type="checkbox"/> Main Campus <input checked="" type="checkbox"/> Other: Sanford Stevens Center Additional Location

**SUMMARY**

Type of Substantive Change	<input type="checkbox"/> New Program (B.1.1) <input checked="" type="checkbox"/> Significant Curriculum Modification (B.1.2) <input checked="" type="checkbox"/> Other: Credit for Prior Learning (CPL) for Paramedic Science (AAS)
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Describe the change the institution is seeking approval of.

The Paramedic Science AAS program at Southeast Technical College proposes a Credit for Prior Learning (CPL) degree completion option for active nationally registered and state-licensed paramedics. Recognizing that many paramedics entering this program already hold several industry certifications, we would like to provide the educational opportunities needed for their degree completion and career advancement by incorporating Credit for Prior Learning (CPL) toward the same AAS in Paramedic Science.

The proposed Credit for Prior Learning degree completion option would contain two new courses of 12 credits delivered as independent study and clinical instruction. The two new courses are designed to connect prior learning and paramedic practice through application of skills with the Paramedic Science Program Director, as well as through collaborations with emergency medical teams, healthcare providers and patients in clinical settings that facilitate seamless pre-hospital care delivery. Clinical experiences will develop leadership and decision-making skills in Emergency Medical Services.

Evidence of prior learning is the framework for awarding Credit for Prior Learning. Seven earned certifications will be applied in one 7-credit course, "Advanced Certification Application", with specific skillsets applied as 1 credit per certification. One additional 5-credit capstone paramedic course would also be new and required. The outcomes in these 12 credits would equate to the 44 credits of paramedic science coursework in the current AAS.

Learning outcomes for the end of the AAS program were cross walked with the competencies in all seven advanced certifications typically held by practicing paramedics (ACLS, PALS, PHTLS, AMLS, GEMS, NRP, BeHeard/CPR/EVOC). The proposed PARAM 298 (7 credits) course would allow students to apply knowledge and skills related to those competencies.

*Program Structure:*

Credit for Prior Learning (CPL) Block + Additional Paramedic Coursework + General Education Courses = AAS Degree

Certifications Obtained: ACLS, PALS, PHTLS, AMLS, GEMS, NRP, CPR.

**Outcomes:**

1. Perform advanced life support techniques accurately, including Advanced Cardiac Life Support (ACLS), Pediatric Advanced Life Support (PALS), Neonatal Resuscitation Program (NRP), and Advanced Medical Life Support (AMLS).
  2. Apply evidence-based practices in prehospital trauma care as provided in Prehospital Trauma Life Support (PHTLS) training and geriatric emergency medical services (GEMS) training.
  3. Deliver high-quality Cardiopulmonary Resuscitation (CPR) Basic Life Support (BLS) in accordance with the latest AHA guidelines.
  4. Exhibit effective communication and de-escalation skills addressed in the Sanford BeHeard course, promoting patient advocacy and empathetic care.
  5. Demonstrate continuous learning and adaptability by staying current with emerging trends and practices in emergency medical services.
- Degree Awarded: Associate of Applied Science (AAS) in Paramedic Science

## CRITERION 1: MISSION

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The program aligns with the system's mission and strategic priorities.

1.1. The program aligns with the system's mission of preparing a technically skilled workforce prepared to serve the state of South Dakota and its regions.

*1.2. The program aligns with the system's strategic priorities.*

1.1. Describe how the proposed program aligns with the system's mission.

Our request aligns with the BOTE Attainment Strategic Priority of "Increasing the number of South Dakotans who attain high-quality post-secondary credentials", as well as with the mission of Southeast Technical College (STC) to "Prepare students for thriving careers through innovative, industry driven pathways and strong community partnerships to inspire lifelong success". The mission of the Southeast Technical College Paramedic Science program is to prepare entry-level paramedics competent in the cognitive, psychomotor, and affective learning domains, which also align with the STC Mission and the System Strategic Plan.

Evidence of alignment is demonstrated not only through the longstanding partnership between Sanford Health and Southeast Technical College—an industry driven pathway—but now also through the proposed Credit for Prior Learning degree completion. This initiative will further strengthen our community by offering a lifelong learning opportunity for active, nationally registered, and state licensed paramedics to earn the AAS in Paramedic Science through recognition of their prior learning and professional experience.

This Credit for Prior Learning (CPL) model can be applied to future Southeast Tech programs in which students hold industry certifications and relevant work experience but have not yet earned a formal credential. This approach makes degree completion more affordable for students while allowing Southeast Technical College to maintain high academic standards.

## CRITERION 2: DEMAND

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The program leads to meaningful employment, adequate student enrollment, and/or fulfills needs not being met by existing education and training providers.

- 2.1. The program leads to high-wage occupations that have an average/mean wage greater than the median wage across all occupations.
- 2.2. The program leads to high-demand occupations that have project annual openings (a measure of demand for workers) greater than the average across all occupations or is shown as an economic and/or labor market emerging field for the state of South Dakota and its regions.
- 2.3. The program's student enrollment is adequate to justify program existence.
- 2.4. The program fulfills a demand not being met by existing education and training providers in the region and/or state.

2.1. Describe the wage projections for occupations associated with the proposed program by completing Appendix 2.A.

2.2. Describe the demand projections for occupations associated with the proposed program.

A. Complete Appendix 2.A.

B. If an emerging field for the state of South Dakota, describe the field. Letter(s) of support, detailing demand, should be attached as appendices.

2.3. Describe projected student enrollment for the proposed program by completing Appendix 2.B.

2.4. Describe how the proposed program fulfills a demand not being met by existing education and training providers in the region and/or state.

A. Identify closely related program(s) that currently exist at other public higher education institutions in the system or state. If none, write "None."

Western Dakota Technical College in Rapid City, SD offers an AAS program and Western Iowa Tech in Sioux City offers a diploma. Northeast Community College in Norfolk, NE offers an AAS and an accelerated diploma program. The Southeast Technical College Credit for Prior Learning (CPL) would be closest to an accelerated diploma program but supplements prior learning with an AAS award. Other programs exist in the Minneapolis metro as well as central and southeastern Iowa.

B. If applicable: Describe the ways in which the demand is not currently being met by the aforementioned program(s) and provide justification as to why the program should be approved by addressing the following conditions that warrant duplication ([BP 303.2](#)). Select all that apply.

Unmet Demand (C.5.1.1)

Industry Partnership (C.5.1.2)

Increases Student Access (C.5.1.3)

Other:

I. For each condition selected above, provide a brief justification.

Credit for Prior Learning (CPL) expands student access by allowing active, nationally registered, and state licensed paramedics to earn prior learning credit after applying skills in the capstone paramedic courses and completing the general education core required for the AAS degree. These students will not have to repeat Paramedic Science coursework, and the pathway to the AAS in Paramedic Science is more abbreviated for them.

As with the traditional path to the AAS in Paramedic Science, the Sanford Health Industry Partnership will assist in providing a quality program in the Credit for Prior Learning option, leading to the same program outcomes.

### CRITERION 3: DESIGN

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The program's learning assessment strategy, program of study, and delivery methods are designed to provide students with the necessary competencies, as demonstrated through program learning outcomes.

- 3.1. The program is aligned to competencies, as demonstrated through program learning outcomes, that are developed with and continually validated by relevant stakeholders.
- 3.2. The program has a learning assessment strategy to validate student mastery of the program learning outcomes.
- 3.3. The program has an integrated program of study designed to develop and reinforce the program learning outcomes.
- 3.4. The program, when appropriate, includes a work-based learning component that develops and reinforces the program learning outcomes.
- 3.5. The program, when appropriate, offers flexible delivery methods to increase student access.

3.0. Describe the proposed program's alignment with the program award level requirements established in [BP 301.1](#).

A. Does the program align with the requirements?

- Yes  
 No (Requesting Exemption)

B. If no: Provide a detailed rationale for program exemption. Specify which requirement(s) in BP 301.1 are not met; cite specific policy sections (e.g., B.3.4), when appropriate. If external organizations are involved (accreditation, regulatory, licensure, etc.), reference the organization name(s), specific requirements (including citations), and a justification for why the exemption should be approved.

3.1. Describe the program learning outcomes.

A. Provide a list of program learning outcomes for each proposed award level. Learning outcomes should be specific to the program.

- Manage emergency situations
- Demonstrate patient-centered care that includes the ability to work collaboratively as a part of the healthcare continuum and the willingness to maintain and enhance technical skills.
- Communicate clearly and professionally using verbal and nonverbal communication techniques.
- Perform accurate scene safety and patient assessments.
- Apply safety practices and monitor personal and professional well-being.
- Develop a differential diagnosis through clinical reasoning to modify the assessment and formulate and implement a treatment plan within the scope of practice of a paramedic.
- Apply legal knowledge and medical ethics to all patient care situations by documenting complete patient reports and maintaining patient confidentiality.

B. Describe how the program learning outcomes were developed and validated.

Southeast Tech assumed the accredited paramedic program by the Commission on Accreditation of Allied Health Education Programs ([www.caahep.org](http://www.caahep.org)) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP). Accreditation standards assisted in the development of program learning outcomes and the accreditation process validates them.

The curriculum's use of EMCE simulation analytics, national benchmark exams (PHTLS, AMLS, NREMT), and capstone field evaluations provide a comprehensive, data-driven picture of student competence.

3.2. Describe the program's learning assessment strategy.

- A. Describe how students will demonstrate mastery of the program learning outcomes. Description should be specific to the program's learning assessment plan vs. the institutional assessment plan.

Overall, the Paramedic Program's assessment data indicate that students are meeting or exceeding expectations across all domains of professionalism, communication, problem solving, and technical skills. Students demonstrate the ability to integrate classroom knowledge with psychomotor performance and professional behavior in both simulation and clinical environments.

The program will continue emphasizing reflective practice, real-world scenario integration, and continuous quality improvement to ensure graduates enter the workforce as safe, competent, and professional paramedics ready to serve their communities.

- B. Is the program preparation for a professional licensure and/or certification examination?

- Yes (Detail in Appendix 4: Section 3)  
 No

3.3. Describe the program of study by completing Appendix 3.

3.4. Describe the program's work-based learning component.

- A. Does the program have a work-based learning component? If so, select all that apply.

- |   |  |
|---|--|
| <input type="checkbox"/> None                     | <input checked="" type="checkbox"/> Clinical |
| <input type="checkbox"/> Apprenticeship           | <input type="checkbox"/> Capstone            |
| <input type="checkbox"/> Internship or Externship | <input type="checkbox"/> Other:              |

- B. If none, describe why.

3.5. Describe the program's delivery methods.

- A. Select the program's primary delivery method(s)<sup>1</sup>. Select all that apply.

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> On Campus | <input type="checkbox"/> Apprenticeship                           |
| <input type="checkbox"/> Online               | <input checked="" type="checkbox"/> Other: Lab, Lecture, Clinical |
| <input type="checkbox"/> Blended              |   |

- B. Describe how flexible delivery methods are being leveraged to increase student access.

Students complete general education courses in a variety of delivery methods for work/life balance: traditional, hybrid, online and choices for hyflex remote synchronous participation.

Delivery for the two Paramedic Science courses in the Credit for Prior Learning option. PARAM 298 (7 credits) – "Advanced Certification Application" and PARAM 299S (5 credits) – "Capstone Project and Reflection" will be in the summer term. An independent study delivery of PARAM 298 will allow us to deliver to a number of students

<sup>1</sup> **In Person:** 100 percent of courses are available in-person. **Online:** 100 percent of courses are available via distance learning. Delivery is only via the Internet. **Blended:** Delivery includes a required combination of both in-person and online courses. If a student has the option to take courses online, but is not required to do so, the program is not necessarily considered blended.

that may be unknown at the time schedules are planned. Clinical delivery will be used for placing students in emergency medical settings for PARAM 299S.

**PARAM 298 “Advanced Certification Application”** offers academic credit for applying advanced emergency medical certifications within the paramedic program. Students take part in guided review, hands-on skill practice, scenario-based learning, and required return demonstrations with the Program Director in an independent study course to show competency in knowledge, technical skills, and professional behavior aligned with national standards.

**PARAM 299S “Capstone Project and Reflection”** is completed in a clinical setting offering collaborative experiences with emergency medical teams, healthcare providers, and patients to facilitate seamless pre-hospital care delivery. Leadership and Decision-Making skills will develop as students experience teamwork, communication, leadership and decision-making in emergency medical settings.

#### CRITERION 4: ALIGNMENT

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The program is vertically aligned to an education and training pathway.

- 4.1. The program is vertically aligned to an education and training pathway, reflecting efficient articulation of:
  - 4.1.1. Non-degree credential/industry certification
  - 4.1.2. Certificate to diploma
  - 4.1.3. Diploma to associate of applied science
  - 4.1.4. Associate of applied science to baccalaureate

4.1. Describe the alignment of the proposed program along an education and training pathway.

A. Complete Appendix 4.

B. Describe the projected alignment between the proposed program and existing academic programs within the technical college system.

The Paramedic Science program at Southeast Technical College proposes a Credit for Prior Learning option for active nationally registered and state-licensed paramedics. Recognizing that many paramedics may only hold a certificate, we would like to provide the educational opportunities needed for degree completion and career advancement through a Credit for Prior Learning option. Students earn an associate degree at Southeast Technical College and may then transfer to a partnering institution for a bachelor's degree.

Southeast Tech's Paramedic Science associate degree program prepares students for National Registry Certification as a Paramedic, which is required for licensure in the state of South Dakota.

Students who successfully complete the program, with a grade point of 2.0 or better in all required courses, will be eligible to take the [National Registry of Emergency Medical Technicians](#) cognitive and psychomotor examinations for paramedic level of certification.

C. As applicable: Insert any additional comments here.

## CRITERION 5: CAPACITY

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The institution demonstrates the internal and external resources necessary to develop, implement, and sustain the program.

- 5.1. The institution demonstrates the financial resources necessary to develop, implement, and sustain the program.
- 5.2. The institution demonstrates appropriately certified and qualified faculty are in place with expertise in content, pedagogy, and related industry to develop and validate the program learning outcomes.
- 5.3. The institution's physical facilities (e.g., classrooms, laboratories) reflect current industry and/or occupational standards necessary to develop and validate the program learning outcomes.
- 5.4. The institution's equipment and technology resources reflect current industry and/or occupational standards necessary to develop and validate the program learning outcomes.
- 5.5. The institution demonstrates the ability of the program to meet institutional and programmatic accreditation standards, as applicable.

5.1. Describe the institution's financial capacity to develop, implement, and sustain the proposed program.

A. Complete Appendix 5.

B. Describe the proposed program's anticipated local fee structure. Description of fee structure should be specific to the program.

Sanford Health is responsible for instructional costs and provides Medical Directors for the program. STC reimburses Sanford for teaching services at \$225/student/credit hour not to exceed 1,000 credit hours a year (\$225,000) with an associate degree program of 62 credits in length. Reimbursement rates are reviewed annually by both parties.

The 12 credits for 2 courses in the Credit for Prior Learning option would be reimbursed to Sanford Health for the time of the Paramedic Program Director who would facilitate them as flexible independent study and clinical courses.

The fee structure does not differ from the current Paramedic Science AAS Degree fee structure.

C. What is the proposed program weight factor (funding formula)?

- Standard Cost (1)
- High Cost (3)
- High Cost, Low Density (5)

I. Provide rationale related to the selection of proposed program weight factor.

The program weight factor is the same as the traditional Paramedic Science AAS.

D. Describe the contingency plans in case anticipated enrollments, income, or resources do not materialize.

We would not have a need to offer the two new additional independent study PARAM courses which total 12 credits.

5.2. Describe how the institution will ensure the appropriate certified and qualified faculty are in place with the expertise in content, pedagogy, and the related industry to develop and validate the program learning outcomes.

A. Describe the necessary qualifications of faculty who will be involved in the program.

The Program Director would facilitate the independent study course and clinical placement capstone course associated with the Credit for Prior Learning option. This person would be the primary contact and advisor for students and is an existing employee in the program.

5.3. Describe the existing and/or new physical facilities that will be utilized or needed to reflect current industry and/or occupational standards. Outline short- and long-term investments in physical facilities.

Sanford Stevens Center is utilized for training our AAS in Paramedic Science and would continue to be the education location for students in the Credit for Prior Learning option.

5.4. Describe the existing and/or new equipment and technology resources that will be utilized or needed to reflect current industry and/or occupational standards. Outline short- and long-term investments in equipment and technology resources.

Sanford Stevens Center training rooms, labs and equipment would continue to be utilized for students in the Credit for Prior Learning option. No additional equipment or technology resources would be needed.

5.5. Describe the institution's and proposed program's ability to meet institutional and programmatic accreditation standards, as applicable.

A. Specify Higher Learning Commission (HLC) requirements.

- Notification Only
- Approval Required
- None
- Other:

A screening form has been submitted and HLC will require state approval and an HLC substantive change form be submitted due to the credit change.

B. Is there an accrediting or professional organization that has established standards for the program?

- Yes
- No

C. If yes: Describe the ability of the proposed program to meet professional accreditation standards. If the program does not or cannot meet those standards, describe the area(s) in which it is deficient and indicate steps needed to qualify the program for accreditation. Provide the date by which the program would be expected to be fully accredited.

If the institution does not plan to seek specialized accreditation, provide a rationale for not seeking.

Same standards for the Credit for Prior Learning option as utilized in the current AAS in Paramedic Science. We will work with the accrediting body to ensure we align with accreditation standards and to determine the merits of the degree completion option.

**SOUTH DAKOTA BOARD OF TECHNICAL EDUCATION**

**Appendix 2.A: Labor Market Information**

Southeast Technical College  
 Paramedic Science AAS (Existing Program) - Requesting addition of Credit for Prior Learning Option

SOUTH DAKOTA								
SOC* CODE	SOC* TITLE	AVERAGE ANNUAL OPENINGS	2022 EMPLOYMENT	2032 EMPLOYMENT	NUMERIC CHANGE: 2022-2032	PERCENT CHANGE: 2022-2032	MEDIAN: ANNUAL WAGE (2020)	AVERAGE: ANNUAL WAGE (2020)
00-0000	Total, All Occupations	62,664	491,588	526,251	34,663	7.1	\$36,823	\$44,961
29-2043	Sioux Falls MSA Employment Projections (Paramedics)	6	100	112	12	12%	\$51,490	\$53,190
29-2043	SD Employment Projections (Paramedics)	18	326	354	28	8.59%	\$48,070	\$49,120

NATIONAL								
SOC* CODE	SOC* TITLE	AVERAGE ANNUAL OPENINGS	2024 EMPLOYMENT	2034 EMPLOYMENT	NUMERIC CHANGE: 2024-2034	PERCENT CHANGE: 2024-2034	MEDIAN: ANNUAL WAGE (2024)	AVERAGE: ANNUAL WAGE (2024)
29-2040	Paramedics and EMTs	19,000	282,900	297,200	14,300	5%	\$58,410	
	(Bureau of Labor Statistics)							
29-2043	Paramedics alone for national annual wages							

**SOURCE:** South Dakota Department of Labor and Regulation, Labor Market Information Center (LMIC) (<https://dlr.sd.gov/lmic/>)  
**DATE:** 01/20/2026

**NOTES:** National Data from <https://www.bls.gov/ooh/healthcare/emts-and-paramedics.htm>  
 BLS National Employment numbers and change includes EMTs.  
 Median Wage (No average wage given) is just Paramedics.  
 29-2040 is SOC Code for Paramedics and EMT combined. 29-2043 is just Paramedics.



**SOUTH DAKOTA BOARD OF TECHNICAL EDUCATION**  
**Appendix 3: Program of Study**

Southeast Technical College  
 Paramedic Science AAS (Existing Program) - Requesting addition of Credit for Prior Learning option

<b>MONTHS:</b>	24 or less
<b>SEMESTERS:</b>	6 or less depending upon Gen Ed Course Completions
<b>TOTAL CREDITS:</b>	60 credits

PREFIX AND NUMBER	TITLE	CREDITS	DESCRIPTION	EXISTING COURSE
<b>I. GENERAL EDUCATION CORE</b>				
HC 118 and 118L	Applied Anatomy & Physiology and Lab	4	Natural Sciences Requirement	Y
SSS 100	Student Success	2	Required for all first-time college students	Y
CMST 101	Foundations of Communication	3	Communications Requirement	Y
MATH 100 or 114	Math Applications or College Algebra	3	Mathematics Requirement	Y
SOC or PSYC	Psychology at Work or General Psychology; Social Problems or Courtship & Marriage	3	Social Sciences Requirement	Y
ENGL 100 or 101	Communication in the Workplace or English Compositon	3	Communications Requirement	Y
<b>SUBTOTAL OF GENERAL EDUCATION CREDITS:</b>		<b>18</b>	<b>TOTAL NEW COURSES:</b>	<b>0</b>

<b>II. PROGRAM CORE</b>				
PARAM 298	Advanced Certification Application	7	Application and Instruction on 7 certifications	N
PARAM 299S	Capstone Project and Reflection	5	Personal and Professional growth, leadership, communications and decision making synthesis course. Project conducted in EMS work setting.	N
	Credit for Prior Learning*	30	Advanced Support License. Earned certifications for nationally registered and state-licensed paramedics and EMT Exam. ACLS, PALS, PHTLS, AMLS, GEMS, NRP, CPR	N
*See supporting document at the end of application for crosswalk information.				
<b>SUBTOTAL OF PROGRAM CREDITS:</b>		<b>42</b>	<b>TOTAL NEW COURSES:</b>	<b>3</b>

**SOUTH DAKOTA BOARD OF TECHNICAL EDUCATION**

**Appendix 4: Alignment Projection**

Southeast Technical College

Paramedic Science AAS (Existing Program) - Requesting Credit for Prior Learning Option (CPL)

**TOTAL CREDITS IN PROPOSED PROGRAM:**

60

I. STACKABLE OPPORTUNITIES							
<b>Paramedic Science AAS Custom Pathway</b>	<input type="checkbox"/>	Short-term Certificate	X	Existing	If Forthcoming: Projected Timeline	Total Credits in Stackable Program	How many PROPOSED PROGRAM credits are in this stackable program opportunity?
	<input type="checkbox"/>	Long-term Certificate	<input type="checkbox"/>	Forthcoming			
	<input type="checkbox"/>	Diploma	<input type="checkbox"/>				
	X	AAS	<input type="checkbox"/>				
<b>PROGRAM NAME</b>	<input type="checkbox"/>	Short-term Certificate	<input type="checkbox"/>	Existing	If Forthcoming: Projected Timeline	Total Credits in Stackable Program	How many PROPOSED PROGRAM credits are in this stackable program opportunity?
	<input type="checkbox"/>	Long-term Certificate	<input type="checkbox"/>	Forthcoming			
	<input type="checkbox"/>	Diploma	<input type="checkbox"/>				
	<input type="checkbox"/>	AAS	<input type="checkbox"/>				
<b>PROGRAM NAME</b>	<input type="checkbox"/>	Short-term Certificate	<input type="checkbox"/>	Existing	If Forthcoming: Projected Timeline	Total Credits in Stackable Program	How many PROPOSED PROGRAM credits are in this stackable program opportunity?
	<input type="checkbox"/>	Long-term Certificate	<input type="checkbox"/>	Forthcoming			
	<input type="checkbox"/>	Diploma	<input type="checkbox"/>				
	<input type="checkbox"/>	AAS	<input type="checkbox"/>				
<b>PROGRAM NAME</b>	<input type="checkbox"/>	Short-term Certificate	<input type="checkbox"/>	Existing	If Forthcoming: Projected Timeline	Total Credits in Stackable Program	How many PROPOSED PROGRAM credits are in this stackable program opportunity?
	<input type="checkbox"/>	Long-term Certificate	<input type="checkbox"/>	Forthcoming			
	<input type="checkbox"/>	Diploma	<input type="checkbox"/>				
	<input type="checkbox"/>	AAS	<input type="checkbox"/>				

II. ARTICULATION AGREEMENTS (BACCALAUREATE)						
<b>PROGRAM NAME</b>	<b>COLLEGE OR UNIVERSITY</b>	<input type="checkbox"/>	Existing	If Forthcoming: Projected Timeline	Total Credits in Bachelor's Degree	How many PROPOSED PROGRAM credits are projected to be accepted in the articulation agreement?
		<input type="checkbox"/>	Forthcoming			
<b>PROGRAM NAME</b>	<b>COLLEGE OR UNIVERSITY</b>	<input type="checkbox"/>	Existing	If Forthcoming: Projected Timeline	Total Credits in Bachelor's Degree	How many PROPOSED PROGRAM credits are projected to be accepted in the articulation agreement?
		<input type="checkbox"/>	Forthcoming			
<b>PROGRAM NAME</b>	<b>COLLEGE OR UNIVERSITY</b>	<input type="checkbox"/>	Existing	If Forthcoming: Projected Timeline	Total Credits in Bachelor's Degree	How many PROPOSED PROGRAM credits are projected to be accepted in the articulation agreement?
		<input type="checkbox"/>	Forthcoming			

III. LICENSURE AND CERTIFICATION OPPORTUNITIES		
<i>The PROPOSED PROGRAM will qualify students to pursue the following licensure and/or certification opportunities:</i>		
<b>LICENSURE/CERTIFICATION</b>	<b>OVERSIGHT ORGANIZATION</b>	Will the licensure/certification require reporting per SDCL 13-1-61?
Graduates of the Associate of Applied Science in Paramedic Science must pass the National Registry Paramedic cognitive (knowledge) examination administered by the National Registry of Emergency Medical Technicians (NREMT) in order to practice as a certified paramedic.	<a href="http://www.nremt.org">National Registry for Emergency Medical Technicians website</a>	Yes
<b>LICENSURE/CERTIFICATION</b>	<b>OVERSIGHT ORGANIZATION</b>	Will the licensure/certification require reporting per SDCL 13-1-61?
The Paramedic Science program at STC is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon recommendation of the Committee on the Emergency Medical Services Professions (CoAEMSP).	<a href="http://www.caahep.org/">http://www.caahep.org/</a>	Yes
<b>LICENSURE/CERTIFICATION</b>	<b>OVERSIGHT ORGANIZATION</b>	Will the licensure/certification require reporting per SDCL 13-1-61?

**SOUTH DAKOTA BOARD OF TECHNICAL EDUCATION**

**Appendix 5: Financial Projections**

Southeast Technical College

Paramedic Science AAS (Existing Program) - Requesting addition of Credit for Prior Learning Option

	YEAR 1	YEAR 2	YEAR 3
<b>Student FTE</b>	<b>1</b>	<b>2</b>	<b>2</b>

**I. PROJECTED EXPENDITURES**

<b>A. ONE-TIME</b>			
New/Renovated Facilities	\$ -	\$ -	\$ -
Equipment	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -
<b>Sub-Total: One-time</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

<b>B. RECURRING</b>			
<b>B.1. PERSONNEL</b>			
FTE (Faculty and Staff) **	2,700	5,400	5,400
Salary & Benefits	\$ -	\$ -	\$ -
<b>B.2. OPERATING</b>			
Rental / Lease	\$ -	\$ -	\$ -
Contractual Services	\$ -	\$ -	\$ -
Equipment	\$ -	\$ -	\$ -
Supplies	\$ -	\$ -	\$ -
Travel	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -
<b>Sub-Total: Operating</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Total: Recurring</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

<b>TOTAL EXPENDITURES (A + B)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
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**II. PROJECTED REVENUE**

Tuition	\$ 3,900.00	\$ 7,800.00	\$ 7,800.00
State Fees	\$ 1,320.00	\$ 2,640.00	\$ 2,640.00
Local Fees	\$ -	\$ -	\$ -
Location-Based Fees	\$ -	\$ -	\$ -
State Sources	\$ -	\$ 6,324.04	\$ 12,648.08
Federal Sources	\$ -	\$ -	\$ -
Private Grants or Gifts	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -

<b>TOTAL REVENUE</b>	<b>\$ 5,220.00</b>	<b>\$ 16,764.04</b>	<b>\$ 23,088.08</b>
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<b>REVENUE - EXPENDITURES</b>	<b>\$ 5,220.00</b>	<b>\$ 16,764.04</b>	<b>\$ 23,088.08</b>
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\*Projections are held constant based on current fiscal year. Inflation or rate changes are not factored.

**SOUTH DAKOTA BOARD OF TECHNICAL EDUCATION**

**Appendix 5: Financial Projections**

Southeast Technical College

Paramedic Science AAS (Existing Program) - Requesting addition of Credit for Prior Learning Option

**Notes:**

\*\* STC reimburses Sanford Health for \$225/student/credit hour

(12 credits \* \$225 per student = \$2700 per student)

## **Program Outline: Associate Degree Completion in Paramedic Science (Credit for Prior Learning Option)**

### *Program Overview*

- **Purpose:** To equip paramedics with advanced clinical knowledge, leadership skills, and certifications for career advancement.
- **Prerequisites:** Current Active National Registry certification and current paramedic state licensure.

### **Core Curriculum Outline**

#### **PARAM 298 – Advanced Certification Application (7 credits / 112 hours)**

Students will provide a current certification card to meet credit requirements and demonstrate

Successful competency to test out of listed modules. Some students may not hold active certification in all seven certifications and will successfully complete the following modules to obtain certification.

#### **1. Advanced Cardiac Life Support (ACLS) – 1 credit 16 hours**

- Objectives:
  - o Master advanced resuscitation techniques for adult patients.
  - o Understand and apply the latest ACLS protocols.
- Key Components:
  - o Recognition and management of cardiac arrest and arrhythmias.
  - o Airway management and pharmacological interventions.
- Assessment:
  - o Active Status: validation of required skills
  - o Inactive Status: Written and practical certification assessments

#### **2. Pediatric Advanced Life Support (PALS) – 1 credit 16 hours**

- Objectives:
  - o Enhance skills in pediatric assessment and resuscitation.
  - o Develop strategies for treating critically ill or injured children.
- Key Components:
  - o Pediatric emergency assessment and management.
  - o Team dynamics in pediatric emergencies.
- Assessment:
  - o Active Status: validation of required skills
  - o Inactive Status: Written and practical certification assessments

#### **3. Prehospital Trauma Life Support (PHTLS)- 1 credit 16 hours**

- Objectives:
  - o Develop evidence-based strategies for managing trauma patients in prehospital settings.
- Key Components:
  - o Scene safety, rapid assessment, and trauma triage.
  - o Trauma care interventions for various injuries (e.g., head, spine, chest).
- Assessment:
  - o Active Status: validation of required skills
  - o Inactive Status: Written and practical certification assessments

#### **4. Advanced Medical Life Support (AMLS) - 1 credit 16 hours**

- Objectives:
  - o Strengthen the ability to assess and treat medical emergencies.
- Key Components:
  - o Differential diagnosis of medical complaints.
  - o Pathophysiology and treatment of common medical conditions.
- Assessment:
  - o Active Status: validation of required skills
  - o Inactive Status: Written and practical certification assessments

#### **5. Geriatric Education for Emergency Medical Services (GEMS) - 1 credit 16 hours**

- Objectives:
  - o Build competency in managing emergencies in geriatric populations.
- Key Components:
  - o Assessment and care strategies for elderly patients.
  - o Communication and decision-making in geriatric care.
- Assessment:
  - o Active Status: validation of required skills
  - o Inactive Status: Written and practical certification assessments

#### **6. Neonatal Resuscitation Program (NRP) - 1 credit 16 hours**

- Objectives:
  - o Achieve expertise in neonatal resuscitation techniques.
- Key Components:
  - o Physiology of the newborn and initial stabilization.
  - o Hands-on resuscitation protocols and team communication.
- Assessment:
  - o Active Status: validation of required skills
  - o Inactive Status: Written and practical certification assessments

#### **7. Sanford Health BeHeard/CPR/EVOC - 1 credit 16 hours**

- Objectives:
  - o Increase awareness of behavioral health concerns and teaches how to respond to those concerns with knowledge and confidence.
- Key Components:
  - o Self-learning modules followed by a live virtual session.
  - o Topics covered include depression, anxiety and stress, substance use and addiction, trauma, suicide, grief and loss, self-injury, eating disorders, wellness, and stigma.
- Assessment:
  - o Active Status: validation of required skills
  - o Inactive Status: Written and practical certification assessments

#### **PARAM 299S- Capstone Experience and Reflection (5 Credits /160 hours)**

##### *Integrated Capstone Experience*

- Objectives:
  - o Enhance Teamwork and Communication Skills: Collaborate effectively with emergency medical teams, healthcare providers, and patients to facilitate seamless pre-hospital care delivery.
  - o Develop Leadership and Decision-Making Skills: Students will gain experience in

leadership, teamwork, communication, and decision-making in EMS.

*Project Summary Reflection*

- o At the end of their experience, students will craft a comprehensive reflective paper that addresses their personal and professional growth goals, leadership experience, communication development, EMS decision-making and associated healthcare delivery, and new insights and future aspirations.
- *Assessment:*
  - o Evaluation using an established rubric focused on clarity, insight, and application of knowledge for the topics listed.

**Program Outcomes**

Certifications Obtained: ACLS, PALS, PHTLS, AMLS, GEMS, NRP, CPR.

**Outcomes:**

1. Perform advanced life support techniques accurately, including Advanced Cardiac Life Support (ACLS), Pediatric Advanced Life Support (PALS), Neonatal Resuscitation Program (NRP), and Advanced Medical Life Support (AMLS).
2. Apply evidence-based practices in prehospital trauma care as provided in Prehospital Trauma Life Support (PHTLS) training and geriatric emergency medical services (GEMS) training.
3. Deliver high-quality Cardiopulmonary Resuscitation (CPR) Basic Life Support (BLS) in accordance with the latest AHA guidelines.
4. Exhibit effective communication and de-escalation skills addressed in the Sanford BeHeard course, promoting patient advocacy and empathetic care.
5. Demonstrate continuous learning and adaptability by staying current with emerging trends and practices in emergency medical services.

**Degree Awarded: Associate of Applied Science (AAS) in Paramedic Science**

<b>Certifications Obtained (Prior Learning)</b>	<b>PARAM Course Equivalency</b>
ACLS – Advanced Cardiac Life Support	<b>PARAM 298 (7 credits) – Advanced Certification Application</b> – provide evaluation and/or instruction on the 7 certifications plus Emergency Vehicle Operations and the Sanford BeHeard course. On a case-by-case basis, the Paramedic Science Program Director will review additional certifications and competencies that may serve towards credit for required modules.
PALS – Pediatric Advanced Life Support	
PHTLS – Prehospital Trauma Life Support	
GEMS – Geriatric Emergency Medical Services	
CPR- Cardiopulmonary Resuscitation	
NRP – Neonatal Resuscitation Program	
AMLS – Advanced Medical Life Support	
	<b>PARAM 299S (5 credits) – Capstone Project and Reflection</b> – advance the students personal and professional growth goals, leadership, communication and decision-making skills. A synthesis of the topics in PARAM 298 will serve as a focus of this capstone project. The student will include a written project summary and provide insightful reflection for the pre-approved project to be conducted in an EMS work setting.

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<b>Current AAS Pathway of 62 Credits</b>	<b>Prior Learning Credit Option</b>
18 credits of General Education and Student Success Seminar	18 credits of General Education and Student Success Seminar
44 credits of PARAM Course Specific	12 credits of PARAM Course Specific
	30 credits (Prior Learning Credit)

## Current AAS Pathway

## Customized Prior Learning Pathway

### Program Curriculum | 62 Credits Minimum

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#### Fall Semester

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Must be nationally registered as an EMT prior to beginning the programmatic courses PARAM.

- [GEN ED REQ - Paramedic Natural Sciences Requirement](#) 4 Credit Hours
- [SSS 100 - Student Success Seminar](#) 2 Credit Hours
- [PARAM 100 - Paramedic Fundamentals](#) 2 Credit Hours
- [PARAM 105 - Introduction to Medication Administration](#) 2 Credit Hours
- [PARAM 110L - Patient Assessment Lab](#) 1 Credit Hours
- [PARAM 115 - Advanced Airway Management](#) 2 Credit Hours
- [PARAM 119L - Airway and Medication Administration Lab](#) 1 Credit Hours

#### Spring Semester

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- [GEN ED REQ - Paramedic Science Communications Requirement](#) 3 Credit Hours
- [GEN ED REQ - Paramedic Science Mathematics Requirement](#) 3 Credit Hours
- [PARAM 118S - EMS Trauma Clinical I](#) 3 Credit Hours
- [PARAM 129L - Trauma and Operations Lab](#) 1 Credit Hours
- [PARAM 200 - Trauma Emergencies](#) 2 Credit Hours
- [PARAM 210 - Operations](#) 2 Credit Hours

#### Summer Semester

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- [PARAM 128S - EMS Cardiology Clinical](#) 3 Credit Hours
- [PARAM 130 - Cardiology](#) 3 Credit Hours
- [PARAM 139L - Cardiology Lab](#) 1 Credit Hours

#### Fall Semester

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- [GEN ED REQ - Paramedic Science Social Sciences Requirement](#) 3 Credit Hours
- [GEN ED REQ - Paramedic Science Communications Requirement](#) 3 Credit Hours
- [PARAM 121 - Medical Emergencies](#) 2 Credit Hours
- [PARAM 205 - Special Populations](#) 2 Credit Hours
- [PARAM 238S - EMS Medical Emergencies and Special Populations Clinical](#) 3 Credit Hours
- [PARAM 249L - Medical Emergencies & Special Populations Lab](#) 2 Credit Hours

#### Spring Semester

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Satisfactory Completion of all PARAM coursework required to take the following courses.

- [PARAM 245 - EMS Specialties](#) 2 Credit Hours
- [PARAM 290S - Paramedic Internship](#) 10 Credit Hours

All courses in the program curriculum at the left that are NOT PARAM, would still be included in the credit for prior learning option.

Two PARAM courses of 12 credits total would be taken in lieu of all PARAM course credits in the current AAS Pathway.

Associate Degree Completion in Paramedic Science

Credit for Prior Learning Crosswalk

7 Certifications	PARAM Course(s)
Advanced Cardiac Life Support (ACLS)	PARAM 110L Patient Assessment Lab – 1 cr PARAM 115 Advanced Airway Management – 2 cr PARAM 139L Cardiology Lab – 1 cr PARAM 130 Cardiology – 3 cr PARAM 139L Cardiology Lab – 1 cr PARAM 119L Airway and Medication Administration Lab – 1 cr PARAM 100 Paramedic Fundamentals – 2 cr
Pediatric Advanced Life Support (PALS)	PARAM 110L Patient Assessment Lab – 1 cr PARAM 115 Advanced Airway Management – 2 cr PARAM 245 EMS Specialties – 2 cr PARAM 249L Medical Emergencies & Special Populations Lab – 2 cr PARAM 205 Special Populations – 2 cr PARAM 119L Airway and Medication Administration Lab – 1 cr PARAM 100 Paramedic Fundamentals – 2 cr
Prehospital Trauma Life Support (PHTLS)	PARAM 110L Patient Assessment Lab – 1 cr PARAM 115 Advanced Airway Management – 2 cr PARAM 119L Airway and Medication Administration Lab – 1 cr PARAM 129L Trauma and Operations Lab – 1 cr PARAM 118S EMS Trauma Clinical – 3 cr PARAM 100 Paramedic Fundamentals – 2 cr PARAM 200 Trauma Emergencies – 2 cr
Advanced Medical Life Support (AMLS)	PARAM 105 Introduction to Medication Administration – 2 cr PARAM 110L Patient Assessment Lab – 1 cr PARAM 115 Advanced Airway Management – 2 cr PARAM 249L Medical Emergencies & Special Populations Lab – 2 cr PARAM 121 Medical Emergencies – 2 cr PARAM 119L Airway and Medication Administration Lab – 1 cr PARAM 100 Paramedic Fundamentals – 2 cr PARAM 238S EMS Medical Emergencies and Special Populations Clinical – 3 cr PARAM 249L Medical Emergencies & Special Populations Lab – 2 cr

Geriatric Education for Emergency Medical Services (GEMS)	PARAM 110L Patient Assessment Lab – 1 cr PARAM 115 Advanced Airway Management – 2 cr PARAM 245 EMS Specialties – 2 cr PARAM 249L Medical Emergencies & Special Populations Lab – 2 cr PARAM 205 Special Populations – 2 cr PARAM 119L Airway and Medication Administration Lab – 1 cr PARAM 100 Paramedic Fundamentals – 2 cr
Neonatal Resuscitation Program (NRP)	PARAM 115 Advanced Airway Management – 2 cr PARAM 245 EMS Specialties – 2 cr PARAM 249L Medical Emergencies & Special Populations Lab – 2 cr PARAM 205 Special Populations – 2 cr PARAM 119L Airway and Medication Administration Lab – 1 cr PARAM 100 Paramedic Fundamentals – 2 cr
Sanford Health BeHeard/CPR/EVOC	PARAM 210 Operations – 2 cr PARAM 129L Trauma and Operations Lab – 1 cr PARAM 100 Paramedic Fundamentals – 2 cr PARAM 210 Operations – 2 cr

PARAM 290S Paramedic Internship – 10 cr – This would fit with PARAM 299S