

## **BEAVER COUNTY CTC**

145 Poplar Avenue

Comprehensive Plan | 2021 - 2024

---

### **MISSION STATEMENT**

The mission of the Beaver County Career & Technology Center is to prepare graduates to be well-trained technicians, ready for the workplace of today and tomorrow, aware of the world around them and prepared for the changing technology.

### **VISION STATEMENT**

Striving for equality in education with opportunities for all students to achieve, serve, inquire, lead, and innovate.

## **EDUCATIONAL VALUE STATEMENTS**

### **STUDENTS**

Engagement in real-world problems, project - and inquiry-based learning, and dynamic industries prepares students for the workplace of tomorrow. \*Leading and serving others develops and reinforces communication, teamwork and relationship skills. \*education needs to be student-centered and personalized.

### **STAFF**

A focus on equality, access, and inclusion across all aspects of BCCTC's systems is necessary to serve our diverse population of stakeholders. \*Personalized professional development and meaningful/purposeful implementation of technology are both essential for student learning. Effective communication with stakeholders, and data collection for continuous improvement is essential to offer high quality CT programs, which ensure a safe, supportive, and inclusive environment that allows for an optimal learning environment

### **ADMINISTRATION**

Data driven decision-making is essential for continuous improvement as change is an ongoing process and is fundamental for building quality programs of study. Providing access to curriculum and materials allows for robust learning opportunities for all students. Administrative professional development is essential to high quality instructional leadership, continuous improvement, and organizational growth.

### **PARENTS**

Parents are critical members of the educational team. The success of a student is enhanced by parents and/or other influential adults through their support and mentoring. \*Collaboration with parents, our member school districts and community stakeholders is essential for student success

### **COMMUNITY**

Work-based learning experiences provide opportunities to acquire industry specific and professional skills, earn post-secondary credits, and

develop e effective relationships to assist in making students competitive citizens in a global economy. Active engagement with the Workforce Development Board Southwest Corner, Beaver County Chamber of Commerce, post-secondary partners, as well as other community and economic development organizations promotes an understanding of current and future trends in workforce and economic development. Robust and diverse partnerships are essential to rigorous and relevant educational opportunities for students, including communit? organizations, local industr?, and post-secondar? institutions.

### **OTHER (OPTIONAL)**

Adult education programs and industry-based training serve the community and promote workforce development. The operation of adult education programs expands the use of resources, contributes to the expansion of programs, facilities and training equipment, and provides an opportunity for professional growth and development of faculty and staff . Participation with dual credit courses benefits students through attainment of college credits, completion of high school, and gaining college experience.

## STEERING COMMITTEE

Name	Position	Building/Group
Laura DelVecchio	Administrator	Beaver County CTC
Eric Rosendale	Administrator	Beaver Valley Intermediate Unit
John Goberish	Other	Community College of Beaver County
Anne Liller	Staff Member	Beaver County Career & Technology Center
Bernadette Mattica	Board Member	Beaver County CTC
Larry Nelson	Community Member	Beaver County Building & Construction Trades Council
David Liptak	Staff Member	Beaver County CTC
Justice Littlejohn	Student	Beaver County CTC
Nicole DeMark	Teacher	Beaver County CTC
Lori Miller	Parent	Big Beaver Falls School District
Deb Gray	Community Member	Express Employment
Ron Miller	Board Member	Beaver Falls School District
David Brandon	Administrator	Western Beaver School District

**Name**

**Position**

**Building/Group**

Janice Zupsic

Administrator

Ambridge Area School District

## ESTABLISHED PRIORITIES

### Priority Statement

The BCCTC will need to present to all sending school district administration, the need for an expansion of program years offered to students in Beaver County. In addition, districts need to be made aware of the Chapter 4 requirements, that no child shall be deprived of Vocational Education.

### Outcome Category

Industry-Based Learning  
Essential Practices 1: Focus on Continuous Improvement of Instruction  
Community Engagement

The school counseling program will need to be enhanced, specifically in the area of supports for students. Collaboration with the sending school counselors will need to be implemented by offering regular meetings hosted at the CTC to ensure that all parties are on the same page when it comes to servicing students. A mental health professional will also need to be included in the day-to-day operations of the career center.

School Safety  
Social emotional learning

## ACTION PLAN AND STEPS

### Evidence-based Strategy

We will maintain a quality management system and work collaboratively with the participating districts, the business community, and other stakeholders to increase enrollment market share, improve instructional time/continuity, eliminate bias and stereotyping, and improve the

overall educational system. Furthermore, we will improve the operational functions of the school including technology, building and grounds, transportation, business, food services...

### Measurable Goals

#### Goal Nickname

#### Measurable Goal Statement (Smart Goal)

Increased Industry  
Recognized Credential  
Attainment

All enrolled students entering the career center will graduate with a minimum of one industry recognized credential.

Infusing Pennsylvania  
Career Education and  
Work Standards in lesson  
plans and curriculum.

All BCCTC instructional staff will participate in professional development that includes data analysis of NOCTI /NIMS testing and incorporate the Career and Work Standards in lesson plans.

The career center staff  
will be more visible in the  
community and will host  
more events.

The career center will host events at the school to members of the community and will attend events in the community.

Hiring of additional safety  
and security officers and  
development of CTC  
police department

The career and technology center will tighten up security practices with the purchase of the raptor visitor management system, hiring of additional security officers, and create CTC specific Police Department.

The CTC will hire a  
mental health counselor  
to help meet the needs  
of the students.

The CTC will contract with the Prevention Network of Beaver County, to provide mental health counseling services to students and staff.

**Goal Nickname****Measurable Goal Statement (Smart Goal)****Action Step****Anticipated  
Start/Completion****Lead  
Person/Position****Materials/Resources/Supports Needed**

Develop and describe in writing a model for curriculum revisions at BCCTC

2023-09-01 -  
2024-05-31

Laura  
DeVecchio

Curriculum committee, use of Career and Technical Distinguished School Leader.

**Anticipated Outcome**

Students will be involved with a more rigorous curriculum that will better prepare them for the workforce, and post-secondary institutions.

**Monitoring/Evaluation**

CTC Administration, Joint Operating Committee, Instructional Staff, and Support Services department. The committee will meet quarterly to discuss progress.





## PROFESSIONAL DEVELOPMENT STEPS AND TIMELINES:

Measurable Goals	Action Plan Name	Professional Development Step	Anticipated Timeline
<p>All enrolled students entering the career center will graduate with a minimum of one industry recognized credential. (Increased Industry Recognized Credential Attainment)</p>	<p>We will maintain a quality management system and work collaboratively with the participating districts, the business community, and other stakeholders to increase enrollment market share, improve instructional time/continuity, eliminate bias and</p>	<p>Develop and describe in writing a model for curriculum revisions at BCCTC</p>	<p>09/01/2023 - 05/31/2024</p>
<p>All BCCTC instructional staff will participate in professional development that includes data analysis of NOCTI /NIMS testing and incorporate the Career and Work Standards in lesson plans. (Infusing Pennsylvania Career Education and Work Standards in lesson plans and curriculum. )</p>			
<p>The career center will host events at the school to members of the community and will attend events in the community. (The career center staff will be more visible in the community and will host more events. )</p>			
<p>The career and technology center will tighten up security practices with the purchase of the raptor visitor management system, hiring of additional security officers, and create CTC specific Police Department. (Hiring of additional safety and security officers and development of CTC police department)</p>			
<p>The CTC will contract with the Prevention Network of Beaver County, to provide mental health counseling services to students and staff. (The CTC will hire a mental health counselor to help meet the needs of the students.)</p>			

**Measurable Goals**

**Action Plan  
Name**

**Professional  
Development Step**

**Anticipated  
Timeline**

---

stereotyping,  
and improve  
the overall  
educational  
system.  
Furthermore,  
we will improve  
the operational  
functions of the  
school  
including  
technology,  
building and  
grounds,  
transportation,  
business, food  
services...

---

## APPROVALS & SIGNATURES

### Assurance of Quality and Accountability

### Assurance of Quality and Accountability

The Building Administrator, Superintendent/Chief Executive Officer and President of the School Board will affirm the following statements.

We affirm that our school has developed a School Improvement Plan based upon a thorough review of the essential practices to advance educational programs and processes and improve student achievement.

We affirm that the action plans that we will be implementing address our specific school needs, include strategies that provide educational opportunities and instructional strategies for all students and each of the student groups, increases the amount and quality of learning time, and provides equity in the curriculum which may include programs, activities, and courses necessary to provide a well-rounded education. These plans address the needs of all children in the school, but particularly the needs of those at risk of not meeting the challenging State academic standards.

We, the undersigned, hereby certify that the school level plan has been duly reviewed by the Building Administrator, Superintendent of Schools and formally approved by the district's Board of Education, per guidelines required by the Pennsylvania Department of Education.

We hereby affirm and assure that this plan:

- Addresses all the **required components** prescribed by the Pennsylvania Department of Education
- Meets **ESSA requirements**
- Includes **at least one evidence-based strategy that meets one of the three highest levels of evidence outlined in ESSA**
- Has a **high probability of improving student outcomes**
- Has sufficient **LEA leadership and support to ensure successful implementation**

**With this Assurance of Quality & Accountability, we request the Pennsylvania Department of Education grant formal approval to implement this plan.**

**Signature (Entered Electronically and must have access to web application).**

---

Chief School Administrator

Laura DeIVecchio

2023-07-20

---

School Improvement Facilitator Signature

Laura DeIVecchio

2023-07-20

---

Building Principal Signature

Laura DeIVecchio

2023-07-20

---

## ADDENDUM A: BACKGROUND INFORMATION TO INFORM PLAN

### Strengths

---

The number of students with disabilities increases on a yearly basis, especially in the area of emotionally disturbed. The career center has hired an Behavioral Therapist and an additional Learning Facilitator to aide students in both areas.

Students who are economically disadvantaged have struggles when affording uniforms and tools as it relates to the program of study. EITC tax funding opportunity is awarded to eligible students.

Students enrolled at the CTC are required to participate in hands on, or project based learning in addition to the theory portion of the curriculum. Both educational components aide students in strengthening overall scores on the end of program exam, the NOCTI, as well as, attainment of industry recognized credentials, thus, making the students competitive for the ever-changing workforce, not only locally, but globally.

The career center plans on implementing a writing center for students as a means to enhance their writing skills and communicagion skills. Through a partnership with the local universities in the area, the writing center will also assist students with the required e portfolios that will go into effect for the 2023-

### Challenges

---

The majority of students attending the career center are caucasian with a small percentage of students deemed Hispanic or Asian American.

The number of students deemed economically disadvantaged is higher. Students are required in many programs to purchase uniforms and equipment as it pertains to the program of study.

A challenge that the career center encountered in the 2022-2023 academic year, included, the lack of all CTE programs offering industry recognized credentials. A mandatory requirement has been implemented for the 2023-2024 school year, whereby, all instructional staff will be required to offer industry recognized credentials, OSHA-10, for all incoming students by the end of the third marking period. This challenge has prevented previous graduates the opportunity to be both college and career ready.

The career center is currently a 2-year CTC, unlike many of the CTC's across the state. The third year would enable all students to earn industry recognized credentials, as well as the opportunity to participate in Work based Learning experiences during their senior year.

## Strengths

2024 school year.

The career center plans on better assisting partner school districts in the areas of Math by inviting district administrators and curriculum advisors to participate in an in service hosted by the career center, on enhancing data analysis.

The career center curriculum has Math infused in all programs which enables students to strengthen their Math skills and relate it to everyday life. The career center recently furloughed the CTC Math instructor, due to data gathered, that indicated that the Math program at the CTC has not helped with Keystone Math, per the most recent Perkins Indicators.

The career center has partnered with the Corterra Energy Group to better assist students who are economically disadvantaged with items that are out of pocket expenses. Eligible students are able to purchase, through EITC funding, uniforms, tools, and equipment as it relates to their program of study,

All instructional staff are able to review and become familiar with students IEP's through the student information system. Instructors are able to view and become familiar with students specially designed instruction, SDIs, and also continue to maintain accurate records for the special education department.

The hiring of an additional Learning Facilitator will allow

## Challenges

The career center furloughed the Math instructor, due to lack of progress in Math scores at the district level. Students who are required to take Math for credits, may be inhibited from attending the career center, which, in fact is a violation of Chapter 4 of the PA School Code.

The challenge for the career center is working with 14 districts and getting them on board to utilize the CTC as a tool to have students earn STEM credits as a means to fulfill graduation requirements.

The special education population continues to grow and as a result, students who require supports due to emotional disturbance are neglected due to the lack of one on one attention that should be provided by the LEA.

School districts are required by law to invite representatives from the local CTC to all IEP meetings for currently enrolled students, as well as, prospective students. Historically, this has not been the practice. The lack of participation in the LEA IEP meeting, has lead to students being improperly placed in programs, with an end result of students needing to withdrawal from the CTC due to lack of appropriate supports.

The BCCTC offers STEM in all of the curriculum taught in the 17 Programs of Study. The challenge, becomes getting all partner districts to offer enrolled CTC students the opportunity to earn

## Strengths

additional support to all instructional staff and students. The additional staff member, will allow for more small group instruction, progress monitoring, and individualized attention for students with IEP's.

All CTE program of studies contain STEM in the prescribed curriculum. The overall goal is to work with districts to grant their permission to allow CTE enrolled students to earn STEM credits towards their graduation requirements.

The Beaver County CTC offers articulation agreements for all 17 programs available to students of Beaver County.

All Programs of studies have the opportunity to offer industry recognized credentials to enrolled students. All enrolled student at the BCCTC for the 2023-2024 school year will be offered the opportunity to take an industry recognized credential.

All programs of study offer STEM in the prescribed curriculum.

The BCCTC offers work-based learning opportunities to all eligible students through the recent hiring of the Cooperative education coordinator and the Diversified Occupations Instructor.

The CTC is in the process of creating and implementing a Guidance Plan that will go into effect for the 2023-2024 academic year.

## Challenges

Science or Math credits that are required for graduation.

The CTC does not offer physical education or health which has the potential to inhibit prospective students who are in need of the physical education credit from attending the BCCTC.

The English Language Development Plan needs to be reviewed and put into place. At present, the BCCTC utilizes the BVIU (Beaver County Intermediate Unit, for all ESL and English Development student needs.

Technology Plan - The BCCTC has never developed a technology plan since the last Comprehensive plan was submitted. The CTC is looking to implement a technology plan that will go into effect for the 2023-2024 academic year.

Implement a multi-tiered system of supports for academics and behavior

Implement evidence-based strategies to engage families to support learning

## Strengths

The CTC is in the process of creating an enhanced Student Services plan which consists of more assistance for students and staff. A secretary will be assigned to the Special Education department, to allow all Learning Facilitators to spend more time with students. Learning Facilitators and the special education Instructional Assistants will also have the opportunity to provide small group instruction to students in need, and assist with industry recognized credential attainment for students with IEP's.

Align curricular materials and lesson plans to the PA Standards

Use systematic, collaborative planning processes to ensure instruction is coordinated, aligned, and evidence-based

Use a variety of assessments (including diagnostic, formative, and summative) to monitor student learning and adjust programs and instructional practices.

Identify and address individual student learning needs

---



### Most Notable Observations/Patterns

With an increase in mental health needs and addressing the needs of the whole student, it is apparent that the school counseling department needs to enhance services offered to students from the many districts that the CTC serve. A School Counseling Advisory committee needs to be established as a means to ensure that the CTC is doing all it can to meet the needs of the whole student.

---

---

---

### Challenges

**Discussion  
Point**

**Priority for Planning**

The career center is currently a 2-year CTC, unlike many of the CTC's across the state. The third year would enable all students to earn industry recognized credentials, as well as the opportunity to participate in Work based Learning experiences during their senior year.

✓

Implement a multi-tiered system of supports for academics and behavior

✓

## ADDENDUM B: ACTION PLAN

**Action Plan:** We will maintain a quality management system and work collaboratively with the participating districts, the business community, and other stakeholders to increase enrollment market share, improve instructional time/continuity, eliminate bias and stereotyping, and improve the overall educational system. Furthermore, we will improve the operational functions of the school including technology, building and grounds, transportation, business, food services...

Action Steps	Anticipated Start/Completion Date	
Develop and describe in writing a model for curriculum revisions at BCCTC	09/01/2023 - 05/31/2024	
Monitoring/Evaluation	Anticipated Output	
CTC Administration, Joint Operating Committee, Instructional Staff, and Support Services department. The committee will meet quarterly to discuss progress.	Students will be involved with a more rigorous curriculum that will better prepare them for the workforce, and post-secondary institutions.	
Material/Resources/Supports Needed	PD Step	Comm Step
Curriculum committee, use of Career and Technical Distinguished School Leader.	yes	yes
-----		
-----		

## ADDENDUM C: PROFESSIONAL DEVELOPMENT PLANS

Measurable Goals	Action Plan Name	Professional Development Step	Anticipated Timeline
<p>All enrolled students entering the career center will graduate with a minimum of one industry recognized credential. (Increased Industry Recognized Credential Attainment)</p>	<p>We will maintain a quality management system and work collaboratively with the participating districts, the business community, and other stakeholders to increase enrollment market share, improve instructional time/continuity, eliminate bias and</p>	<p>Develop and describe in writing a model for curriculum revisions at BCCTC</p>	<p>09/01/2023 - 05/31/2024</p>
<p>All BCCTC instructional staff will participate in professional development that includes data analysis of NOCTI /NIMS testing and incorporate the Career and Work Standards in lesson plans. (Infusing Pennsylvania Career Education and Work Standards in lesson plans and curriculum. )</p>	<p></p>	<p></p>	<p></p>
<p>The career center will host events at the school to members of the community and will attend events in the community. (The career center staff will be more visible in the community and will host more events. )</p>	<p></p>	<p></p>	<p></p>
<p>The career and technology center will tighten up security practices with the purchase of the raptor visitor management system, hiring of additional security officers, and create CTC specific Police Department. (Hiring of additional safety and security officers and development of CTC police department)</p>	<p></p>	<p></p>	<p></p>
<p>The CTC will contract with the Prevention Network of Beaver County, to provide mental health counseling services to students and staff. (The CTC will hire a mental health counselor to help meet the needs of the students.)</p>	<p></p>	<p></p>	<p></p>

**Measurable Goals**

**Action Plan  
Name**

**Professional  
Development Step**

**Anticipated  
Timeline**

---

stereotyping,  
and improve  
the overall  
educational  
system.  
Furthermore,  
we will improve  
the operational  
functions of the  
school  
including  
technology,  
building and  
grounds,  
transportation,  
business, food  
services...

---

---

## PROFESSIONAL DEVELOPMENT PLANS

Professional Development Step	Audience	Topics of Prof. Dev
Increased quality management system to students, staff, sending schools, and community	Students, Instructors, Administration, and Support Services Department.	Implementing a more rigorous program of study, equipped with college level course infused in secondary education, more opportunities for work-based learning opportunities for all students, and introducing a writing center to CTC enrolled students to enhance writing and communication skills.

Evidence of Learning	Anticipated Timeframe	Lead Person/Position
Students will increase NOCTI performance as well as attainment of industry recognized credentials. In addition, the career center will have a pass rate of 100%	09/01/2023 - 05/31/2024	Laura DeVecchio

Danielson Framework Component Met in this Plan:	This Step meets the Requirements of State Required Trainings:



## ADDENDUM D: ACTION PLAN COMMUNICATION

Measurable Goals	Action Plan Name	Communication Step	Anticipated Timeline
<p>All enrolled students entering the career center will graduate with a minimum of one industry recognized credential. (Increased Industry Recognized Credential Attainment)</p>	<p>We will maintain a quality</p>	<p>Develop and describe in writing a model for</p>	<p>2023-09-01 - 2024-05-31</p>
<p>All BCCTC instructional staff will participate in professional development that includes data analysis of NOCTI /NIMS testing and incorporate the Career and Work Standards in lesson plans. (Infusing Pennsylvania Career Education and Work Standards in lesson plans and curriculum. )</p>	<p>management system and work collaboratively with the</p>	<p>curriculum revisions at BCCTC</p>	
<p>The career center will host events at the school to members of the community and will attend events in the community. (The career center staff will be more visible in the community and will host more events. )</p>	<p>participating districts, the business community,</p>	<p>and other stakeholders to</p>	
<p>The career and technology center will tighten up security practices with the purchase of the raptor visitor management system, hiring of additional security officers, and create CTC specific Police Department. (Hiring of additional safety and security officers and development of CTC police department)</p>	<p>increase enrollment market share,</p>	<p>improve instructional time/continuity,</p>	
<p>The CTC will contract with the Prevention Network of Beaver County, to provide mental health counseling services to students and staff. (The CTC will hire a mental health counselor to help meet the needs of the students.)</p>	<p>eliminate bias and</p>	<p></p>	

**Measurable Goals**

**Action Plan  
Name**

**Communication  
Step**

**Anticipated  
Timeline**

---

stereotyping,  
and improve  
the overall  
educational  
system.  
Furthermore,  
we will improve  
the operational  
functions of the  
school  
including  
technology,  
building and  
grounds,  
transportation,  
business, food  
services...

---

---

# COMMUNICATIONS PLAN

Communication Step	Audience	Topics/Message of Communication
Quality Management System Strengthening	Students, prospective students, parents, sending districts, instructional staff, administration, and joint operating committee..	The use of a standard lesson plan for all instructors which includes Career education and work standards, learning standards from the SAS portal, a syllabus created and given to all students in all program of studies, and curriculum aligned to the Approved Program Evaluation.
Anticipated Timeframe	Frequency	Delivery Method
09/06/2024 - 05/28/2027	Monthly	Posting on district website
Lead Person/Position		
Laura DeIVecchio		





## ADDENDUM E: COMPREHENSIVE PLAN COMMUNICATIONS

Communication Step	Topics of Message	Mode	Audience	Anticipated Timeline
The Comprehensive Plan will be shared with the CTC staff, the JOC Committee, and the public as it is posted to our website for 28 days.	Comprehensive Plan for the Beaver County Career and Technology Center	CTC Website, Administrative meeting with staff, and presentation to JOC (Joint Operating Committee) for approval.	Instructional Staff, JOC Committee Members, and Community and Stakeholders.	October 2023-December 2023

---