

# **Rockcastle County Area Technology Center Continuous Improvement Plan**

Rockcastle County Area Technology Center  
Kentucky Tech

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## Overview

### Plan Name

Rockcastle County Area Technology Center Continuous Improvement Plan

### Plan Description

School Year 2016-2018

## Goals Summary

The following is a summary of the goals encompassed in this plan. The details for each goal are available in the next section.

| # | Goal Name  | Goal Details                                    | Goal Type      | Total Funding |
|---|--|---|----------------|---------------|
| 1 | 82.5% of Preparatory 12th grade CTE students will graduate as College and/or Career Ready by 5/30/2018 as reported on the KDE School Report Card   | Objectives: 1<br>Strategies: 2<br>Activities: 3 | Organizational | \$140         |
| 2 | Increase the percentage of graduating Seniors who achieve preparatory status in a CTE program from the 56.1% on prior plan to 70% as measured by the KDE School Report Card for the 2016-2018 SCIP | Objectives: 1<br>Strategies: 2<br>Activities: 4 | Organizational | \$500         |
| 3 | Introduce and include the project based learning concept into instruction.   | Objectives: 1<br>Strategies: 1<br>Activities: 3 | Organizational | \$2000        |

## Goal 1: 82.5% of Preparatory 12th grade CTE students will graduate as College and/or Career Ready by 5/30/2018 as reported on the KDE School Report Card

### Measurable Objective 1:

demonstrate a proficiency 2015 School Report Card CCR scores for RATC were 78%. CCR scores will improve to 82.5% of preparatory 12th graders will be College and/or Career Ready. by 05/31/2018 as measured by TEDS data and School Report Card.

### Strategy 1:

Communicate CCR Measures - CCR benchmark requirements will be communicated with each preparatory senior student.

Category: Continuous Improvement

Research Cited: CCR Reports consisting of KOSSA, Work Keys, ASVAB, Industry Certification, ACT and COMPASS.

| Activity - Work Keys, KOSSA, Industry Certificaton, ASVAB and ACT Preparation and Testing   | Activity Type                  | Begin Date | End Date   | Resource Assigned | Source Of Funding   | Staff Responsible |
|---|--------------------------------|------------|------------|-------------------|---------------------|-------------------|
| Teachers will incorporate Work Keys type questions into their daily instruction in order for students to become comfortable with the test format. | Career Preparation/Orientation | 08/01/2016 | 05/31/2018 | \$0               | No Funding Required | All teachers      |

| Activity - Student Orientation prior to each assessment  | Activity Type                  | Begin Date | End Date   | Resource Assigned | Source Of Funding   | Staff Responsible |
|--|--------------------------------|------------|------------|-------------------|---------------------|-------------------|
| Principal will meet with all senior preparatory students prior to each of the CCR assessments. Test strategies, format and desired outcomes will be discussed. Practiced items will be completed together. | Career Preparation/Orientation | 08/01/2016 | 05/31/2018 | \$0               | No Funding Required | Principal         |

### Strategy 2:

Identify students successful in CCR Assessments - Assessment results will be reviewed. Students unsuccessful will be remediated and test retaken when possible.

Category: Continuous Improvement

Research Cited: Various assessment results

| Activity - Analyze all test results for preparatory students   | Activity Type                  | Begin Date | End Date   | Resource Assigned | Source Of Funding | Staff Responsible      |
|--|--------------------------------|------------|------------|-------------------|-------------------|------------------------|
| Individual student results will be analyzed to determine if each preparatory student met the state benchmarks for College/Career Ready. Results shared with successful students and remediation plans and retest for students not meeting criteria. Local School District will cover cost of retest. | Career Preparation/Orientation | 08/01/2016 | 05/31/2018 | \$140             | Other             | Principal and teachers |

## Goal 2: Increase the percentage of graduating Seniors who achieve preparatory status in a CTE program from the 56.1% on prior plan to 70% as measured by the KDE School Report Card for

## the 2016-2018 SCIP

### Measurable Objective 1:

demonstrate a proficiency - by increasing the percentage of graduating Seniors who achieve preparatory status from 56.1% to 70% by 05/31/2018 as measured by KDE School Report Card.

### Strategy 1:

Career Pathway Education - Each exploratory student will be counseled on choosing a career pathway that will result in preparatory status and possible certifications.

Category:

Research Cited: Existing TEDS data, Home School Report, Fall and Spring Enrollment data

| Activity - Identify course sequences leading to certification  | Activity Type                  | Begin Date | End Date   | Resource Assigned | Source Of Funding | Staff Responsible      |
|--|--------------------------------|------------|------------|-------------------|-------------------|------------------------|
| Students in the beginning course of each program area will be shown proper course sequences to maximize credits in that particular career pathway. | Career Preparation/Orientation | 08/01/2016 | 05/31/2018 | \$200             | Perkins           | Principal and teachers |

| Activity - Present Course Offerings at the 8th Grade Level   | Activity Type                  | Begin Date | End Date   | Resource Assigned | Source Of Funding | Staff Responsible      |
|--|--------------------------------|------------|------------|-------------------|-------------------|------------------------|
| Promotional program materials will be distributed at Rockcastle County Middle School for all 8th grade students. Tours of the ATC will be conducted for 8th graders before high school scheduling. | Career Preparation/Orientation | 08/01/2016 | 05/31/2018 | \$300             | State Funds       | Principal and teachers |

### Strategy 2:

Maximize Enrollment - All stakeholders will be given accurate scheduling information. Students will be counseled on course sequences at the ATC.

Category: Persistence to Graduation

Research Cited: Comparison of enrollment numbers, preparatory and completer status and certificates granted year-to-year by review of TEDS data

| Activity - Share scheduling information with all stakeholders  | Activity Type                  | Begin Date | End Date   | Resource Assigned | Source Of Funding   | Staff Responsible  |
|--|--------------------------------|------------|------------|-------------------|---------------------|--|
| RATC will work with high school guidance counselors to enable 9th & 10th graders to have four exploratory elective options, 11th grade schedule will allow students to have 3 credits at ATC in a selected career pathway and 12th graders to have 4 credits in a career pathway | Career Preparation/Orientation | 08/01/2016 | 05/31/2018 | \$0               | No Funding Required | Principals, HS Guidance Counselors/teachers and ATC teachers |

| Activity - Career counseling and Response to Intervention | Activity Type | Begin Date | End Date | Resource Assigned | Source Of Funding | Staff Responsible |
|---|---------------|------------|----------|-------------------|-------------------|-------------------|
|---|---------------|------------|----------|-------------------|-------------------|-------------------|

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|   |                                |            |            |     |                     |                            |
|---|--------------------------------|------------|------------|-----|---------------------|----------------------------|
| Each program teacher will plan the next year's schedule with their students. Required HS courses and the next level program area courses will be requested before scheduling begins. Any required courses in danger of failing will be remediated with RTI measures implemented at the HS. This ensures that all students are in the proper courses and proper sequence to maximize enrollment. | Career Preparation/Orientation | 08/01/2016 | 05/31/2018 | \$0 | No Funding Required | Principal and ATC teachers |
|---|--------------------------------|------------|------------|-----|---------------------|----------------------------|

### Goal 3: Introduce and include the project based learning concept into instruction.

#### Measurable Objective 1:

collaborate to involve at least two classroom teachers and the administrator in project based learning initiatives and processes. by 05/31/2018 as measured by PD certificates provided to the staff members upon training completion. .

#### Strategy 1:

Educate staff members on the value and types of project based learning - The administrator and at least two classroom teachers will research and select professional development activities related to project based learning.

Category: Professional Learning & Support

Research Cited: Data from SREB/TCTW and other leading educational experts.

| Activity - Seek out professional development opportunities on project based learning  | Activity Type         | Begin Date | End Date   | Resource Assigned | Source Of Funding | Staff Responsible                   |
|---|-----------------------|------------|------------|-------------------|-------------------|-------------------------------------|
| Trainings available in the areas of project based learning will be analyzed by the administrator and at least two instructors. They will look at online and face to face trainings available that fit into RATC teaching schedules and budget.. The location, cost and quality of the trainings will be analyzed to determine best choices. | Professional Learning | 08/01/2016 | 05/31/2018 | \$2000            | Perkins           | Administrator and selected teachers |

| Activity - Enire staff orientation on project based learning  | Activity Type         | Begin Date | End Date   | Resource Assigned | Source Of Funding   | Staff Responsible                   |
|---|-----------------------|------------|------------|-------------------|---------------------|-------------------------------------|
| Administrator and teachers who received the professional development on PBL will train the remainder of certified staff on what they learned. | Professional Learning | 08/01/2016 | 05/31/2018 | \$0               | No Funding Required | Administrator and trained teachers. |

| Activity - The trained teachers will implement PBL activities into their classroom instruction.                                  | Activity Type      | Begin Date | End Date   | Resource Assigned | Source Of Funding   | Staff Responsible |
|--|--------------------|------------|------------|-------------------|---------------------|-------------------|
| Teachers will analyze the curriculum tasks in their career pathway which is most conducive to project based learning activities. | Direct Instruction | 08/01/2016 | 05/31/2018 | \$0               | No Funding Required | Trained teachers. |

## Activity Summary by Funding Source

Below is a breakdown of your activities by funding source

### No Funding Required

| Activity Name  | Activity Description  | Activity Type                  | Begin Date | End Date   | Resource Assigned | Staff Responsible  |
|--|---|--------------------------------|------------|------------|-------------------|--|
| Student Orientation prior to each assessment   | Principal will meet with all senior preparatory students prior to each of the CCR assessments. Test strategies, format and desired outcomes will be discussed. Practiced items will be completed together.  | Career Preparation/Orientation | 08/01/2016 | 05/31/2018 | \$0               | Principal  |
| Enire staff orientation on project based learning                                    | Administrator and teachers who received the professional development on PBL will train the remainder of certified staff on what they learned.   | Professional Learning          | 08/01/2016 | 05/31/2018 | \$0               | Administrator and trained teachers.                          |
| Share scheduling information with all stakeholders                                   | RATC will work with high school guidance counselors to enable 9th & 10th graders to have four exploratory elective options, 11th grade schedule will allow students to have 3 credits at ATC in a selected career pathway and 12th graders to have 4 credits in a career pathway  | Career Preparation/Orientation | 08/01/2016 | 05/31/2018 | \$0               | Principals, HS Guidance Counselors/teachers and ATC teachers |
| The trained teachers will implement PBL activities into their classroom instruction. | Teachers will analyze the curriculum tasks in their career pathway which is most conducive to project based learning activities.  | Direct Instruction             | 08/01/2016 | 05/31/2018 | \$0               | Trained teachers.  |
| Career counseling and Response to Intervention                                       | Each program teacher will plan the next year's schedule with their students. Required HS courses and the next level program area courses will be requested before scheduling begins. Any required courses in danger of failing will be remediated with RTI measures implemented at the HS. This ensures that all students are in the proper courses and proper sequence to maximize enrollment. | Career Preparation/Orientation | 08/01/2016 | 05/31/2018 | \$0               | Principal and ATC teachers                                   |
| Work Keys, KOSSA, Industry Certificaton, ASVAB and ACT Preparation and Testing       | Teachers will incorporate Work Keys type questions into their daily instruction in order for students to become comfortable with the test format.   | Career Preparation/Orientation | 08/01/2016 | 05/31/2018 | \$0               | All teachers   |
| <b>Total</b>   |   |                                |            |            | \$0               |  |

### State Funds

| Activity Name                                   | Activity Description   | Activity Type                  | Begin Date | End Date   | Resource Assigned | Staff Responsible      |
|---|--|--------------------------------|------------|------------|-------------------|------------------------|
| Present Course Offerings at the 8th Grade Level | Promotional program materials will be distributed at Rockcastle County Middle School for all 8th grade students. Tours of the ATC will be conducted for 8th graders before high school scheduling. | Career Preparation/Orientation | 08/01/2016 | 05/31/2018 | \$300             | Principal and teachers |
| <b>Total</b>                                    |  |                                |            |            | \$300             |                        |

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| Activity Name   | Activity Description  | Activity Type                  | Begin Date | End Date   | Resource Assigned | Staff Responsible                   |
|---|---|--------------------------------|------------|------------|-------------------|-------------------------------------|
| Identify course sequences leading to certification                        | Students in the beginning course of each program area will be shown proper course sequences to maximize credits in that particular career pathway.  | Career Preparation/Orientation | 08/01/2016 | 05/31/2018 | \$200             | Principal and teachers              |
| Seek out professional development opportunities on project based learning | Trainings available in the areas of project based learning will be analyzed by the administrator and at least two instructors. They will look at online and face to face trainings available that fit into RATC teaching schedules and budget.. The location, cost and quality of the trainings will be analyzed to determine best choices. | Professional Learning          | 08/01/2016 | 05/31/2018 | \$2000            | Administrator and selected teachers |
| <b>Total</b>  |   |                                |            |            | \$2200            |                                     |

**Other**

| Activity Name                                     | Activity Description   | Activity Type                  | Begin Date | End Date   | Resource Assigned | Staff Responsible      |
|---|--|--------------------------------|------------|------------|-------------------|------------------------|
| Analyze all test results for preparatory students | Individual student results will be analyzed to determine if each preparatory student met the state benchmarks for College/Career Ready. Results shared with successful students and remediation plans and retest for students not meeting criteria. Local School District will cover cost of retest. | Career Preparation/Orientation | 08/01/2016 | 05/31/2018 | \$140             | Principal and teachers |
| <b>Total</b>                                      |  |                                |            |            | \$140             |                        |