

**Applicant Name:** LUNA COMMUNITY COLLEGE - MAIN

**Consortium Name:** Regional Consortium C

## **Narrative**

### **CTE Vision and Community Partnership**

1. Describe consortium/partner conversations held, the identified needs of your local community or region, and the vision engaged to enhance CTE opportunities at your high school or postsecondary institution.

Ans.

Over the past several months, the region we are part of have been discussing what CTE programs would best meet the needs of the communities and region we serve. Community and secondary partners have agreed that courses and program offerings in the areas of building trades would be of significant importance to improving and growing the regional economy. Careers in the CTE fields of construction are important to the region. Providing postsecondary instruction in the areas of building and construction trades would be of great value for individuals not looking to leave the region and would like to develop trade skills that would be of great benefit if they chose to remain in the area. Our vision for the region utilizing Perkins funding is to ensure that qualified instructors are available at both the secondary and postsecondary that have provide high quality instruction to students, and that those students can complete either a postsecondary certificate or degree, while also earning national certifications that make them more employable. Our hope is to offer courses that would prepare individuals to work in framing construction, heavy equipment, concrete pouring, welding, and possibly offering CDL training so that students can develop a versatile array of career skills that will allow them to acquire employment at a good starting pay.

### **Academics**

2. Describe how academic skills will be integrated into CTE programs to support CTE participants in achieving challenging academic standards, especially STEM competencies.

Ans.

Students will be required to take the ACCUPLACER placement exam to asses their math and reading capabilities. By knowing the students capabilities, the CTE programs will be able to support the academic needs of the students. Students needing extensive support will be participating in boot-camps and tutoring programs. STEM competencies will be integrated into the curriculum of each program course to include math, physical science, and computing.

### **Student Advisement**

3. How will career guidance and academic counselors teach middle school and high school students, including students who are members of special populations, about CTE offerings?

Ans.

Our postsecondary admissions office and CTE advisors will be working with middle school and high school counselors to prompt our CTE offerings to each school's students. For example, would would like to take our welding simulator and heavy equipment simulator to schools around the region and have student experience what those careers are like. We would also like to work with schools and develop projects such as building dog houses for needy pets in their area or maybe bird houses for the elderly. Students can learn basic skills they will need in their career choice while serving their community. Our CTE faculty and staff are eager to go to the various school and answer questions about our CTE offerings, and we would also open these Q and A's to parents and guardians so they too are familiar with the program offerings. We would also develop literature to advertise our offerings. this could include material in our social media,our website and the secondary school's online platforms that are participating in the Perkins fund program.

### **Career Exploration**

4. How will students, including students who are members of special populations, learn about local workforce needs? Indicate career exploration and career development activities that will be offered to middle school and high school students. Describe CTSO offerings that are available to build employability skills. Describe the various types of work-based learning opportunities that are available to students.

Ans.

We would hope to work with advisory groups working with secondary schools or partner with area employers on what we can do to meet their needs, perhaps we can create some short term OJTs with those employees. We would also work with the area and state workforce departments to educate students about workforce needs in the area. We would also work with local and regional workforce boards and economic development entities to come up with means of promoting workforce needs to all students attending areas secondary schools. As mentioned previously we would like to get students involved in community projects that would allow them to lean work-based skills while helping their community with particular needs.

### **Special Populations**

5. Describe existing gaps in student participation and achievement. How will you ensure that all students will have equal access to CTE programs? How are all students supported in academic achievement? Address the gaps and needs of specific subpopulations as identified in the comprehensive local needs assessment.

Ans.

We would like to work with area schools to identify gaps in student participation in CTE programs. If area schools can help us identify those specific sub- populations that are needing equal access to CTE programs, we can have specific departments within the college to focus on those student to ensure that they are fully aware of was is available for the withing their own schools and the college.

### **Professional Development**

6. Indicate and describe, in summary, professional development opportunities that teachers, faculty, school leaders, administrators, special instructional personnel, career guidance and academic counselors, or paraprofessionals will participate in during this grant cycle. Describe also how funds will be used to attract CTE teachers and to retain teachers and maintain program continuity.

Ans.

We will work with area secondary schools to help in professional development so that their teachers can serve as dual credit teachers at their respective schools and as adjunct faculty for the college. We are eager to use our funds to help in preparing instructors to gain the needed credentials to be able to teach within their respective secondary school and postsecondary courses if needed. We are also willing to aid our own faculty to gain the needed credentials to be able to offer specialty courses that will aid students to also attain certain specialized credentials to prepare them for the workforce. Our goal is to utilize funding to aid teachers and faculty already serving in their respective schools. We want to provide them with the opportunity to gain teaching credentials that will serve their schools and also give them a reason to continue working at those schools, especially in very rural areas of our region.

### **Program Evaluation**

7. Describe the data you will collect and what evaluations that you will use to determine the effectiveness of funded activities.

Ans.

We will be collecting data on the number of teachers and faculty that earn or re-certify specific credentials that will allow them to offer specialized courses. We will look at the number of students that enroll in those programs we target for completion. We will monitor student progress from secondary schools to postsecondary. We will asses our activities as we promote programs and make efforts to reach out to our communities to encourage students to participate in workforce training. We will evaluate our performance as we develop partnerships with area employers. We will conduct surveys to ensure that what we are doing is meeting the needs of the schools, students, communities, and employers,

## Programs of Study

POS Name: Building Technology, Certificate of Completion

### Committees and Organizations

#### Pathway Partnerships

| Secondary Schools                              |
|------------------------------------------------|
| LAS VEGAS CITY PUBLIC SCHOOLS - ROBERTSON HIGH |

| Post-Secondary School         |
|-------------------------------|
| LUNA COMMUNITY COLLEGE - MAIN |

### Program Requirements

#### Career Area Course Requirements / College Entrance Requirements

#### Post-Secondary Program Course Sequence

LUNA COMMUNITY COLLEGE - MAIN

| Course Name             | Course Number | CIP Code |
|-------------------------|---------------|----------|
| BUILDING CONSTRUCTION I | 112           | 46.0201  |

### Strategic Alignment

#### 1. Secondary to Post-Secondary

Please describe how the proposed Program of Study prepared students to transition from Secondary to Post-Secondary.  
Ans.

#### 2. Post-Secondary to Workforce

Please describe how the proposed Program of Study prepared students to transition from Post-Secondary to employment.  
Ans.

#### 3. Instructor Professional Organizations and Certifications

What Certifications and Professional Organization memberships are critical for the Program of Study Instructors?  
Ans.

POS Name: Welding Technology, Certificate of Completion

**Committees and Organizations**

|                               |
|-------------------------------|
| <b>Post-Secondary School</b>  |
| LUNA COMMUNITY COLLEGE - MAIN |

**Post-Secondary Program Course Sequence**

LUNA COMMUNITY COLLEGE - MAIN

| Course Name                 | Course Number | CIP Code |
|-----------------------------|---------------|----------|
| WELDING LEVEL I APPLICATION | 119           | 48.0508  |

**Strategic Alignment****1.Secondary to Post-Secondary**

Please describe how the proposed Program of Study prepared students to transition from Secondary to Post-Secondary.

**Ans.**

**2. Post-Secondary to Workforce**

Please describe how the proposed Program of Study prepared students to transition from Post-Secondary to employment.

**Ans.**

**3. Instructor Professional Organizations and Certifications**

What Certifications and Professional Organization memberships are critical for the Program of Study Instructors?

**Ans.**

## Budget Narrative

Please describe your approach to developing your budgets.

Ans.

## Programs of Study Budget Details

| Name                                                                           | Item                  | Code  | 2020-2021<br>Federal | 2020-<br>2021<br>State | 2021-2022<br>Federal | 2021-<br>2022<br>State |
|--------------------------------------------------------------------------------|-----------------------|-------|----------------------|------------------------|----------------------|------------------------|
| Building Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN | Professional Salaries | 0.110 | \$0.00               | \$0.00                 | \$0.00               | \$0.00                 |
| Building Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN | Grad Assists or Aids  | 0.120 | \$0.00               | \$0.00                 | \$0.00               | \$0.00                 |
| Building Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN | Technicians           | 0.130 | \$0.00               | \$0.00                 | \$0.00               | \$0.00                 |
| Building Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN | Secretarial/Clerical  | 0.140 | \$0.00               | \$0.00                 | \$0.00               | \$0.00                 |
| Building Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN | Other Salaries        | 0.150 | \$10,000.00          | \$0.00                 | \$10,000.00          | \$0.00                 |
| Building Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN | Employee Benefits     | 0.200 | \$1,500.00           | \$0.00                 | \$1,500.00           | \$0.00                 |
| Building Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN | Purchased Services    | 0.300 | \$10,000.00          | \$0.00                 | \$10,000.00          | \$0.00                 |
| Building Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN | Supplies/Materials    | 0.400 | \$5,000.00           | \$0.00                 | \$5,000.00           | \$0.00                 |
| Building Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN | Travel                | 0.500 | \$2,000.00           | \$0.00                 | \$2,000.00           | \$0.00                 |
| Building Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN | Equipment             | 0.700 | \$0.00               | \$0.00                 | \$0.00               | \$0.00                 |

**Name:** Building Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN

**Item:** Professional Salaries

**Code:** 0.110

**Federal Explanation:**

**State Explanation:**

**Name:** Building Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN

**Item:** Grad Assists or Aids

**Code:** 0.120

**Federal Explanation:**

**State Explanation:**

**Name:** Building Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN

**Item:** Technicians

**Code:** 0.130

**Federal Explanation:**

**State Explanation:**

**Name:** Building Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN

**Item:** Secretarial/Clerical

**Code:** 0.140

**Federal Explanation:**

**State Explanation:**

**Name:** Building Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN

**Item:** Other Salaries

**Code:** 0.150

**Federal Explanation:** Teacher Stipends and Temporary employment for adjunct faculty to offer program training

**State Explanation:**

**Name:** Building Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN

**Item:** Employee Benefits

**Code:** 0.200

**Federal Explanation:** Federal and state payroll taxes

**State Explanation:**

**Name:** Building Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN

**Item:** Purchased Services

**Code:** 0.300

**Federal Explanation:** Pay for equipment maintenance, and for professional development training for instructors.

**State Explanation:**

**Name:** Building Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN

**Item:** Supplies/Materials

**Code:** 0.400

**Federal Explanation:** Pay for consumables needed in construction trades, such as lumber, nails, hammers, saw blades, etc.

**State Explanation:**



**Name:** Building Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN

**Item:** Travel

**Code:** 0.500

**Federal Explanation:** Pay for mileage for transport of students to various places for hands-on skills based training.

**State Explanation:**

**Name:** Building Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN

**Item:** Equipment

**Code:** 0.700

**Federal Explanation:**

**State Explanation:**

| Name                                                                          | Item                  | Code  | 2020-2021<br>Federal | 2020-<br>2021<br>State | 2021-2022<br>Federal | 2021-<br>2022<br>State |
|-------------------------------------------------------------------------------|-----------------------|-------|----------------------|------------------------|----------------------|------------------------|
| Welding Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN | Professional Salaries | 0.110 | \$0.00               | \$0.00                 | \$0.00               | \$0.00                 |
| Welding Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN | Grad Assists or Aids  | 0.120 | \$0.00               | \$0.00                 | \$0.00               | \$0.00                 |
| Welding Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN | Technicians           | 0.130 | \$0.00               | \$0.00                 | \$0.00               | \$0.00                 |
| Welding Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN | Secretarial/Clerical  | 0.140 | \$0.00               | \$0.00                 | \$0.00               | \$0.00                 |
| Welding Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN | Other Salaries        | 0.150 | \$10,000.00          | \$0.00                 | \$10,000.00          | \$0.00                 |
| Welding Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN | Employee Benefits     | 0.200 | \$1,167.00           | \$0.00                 | \$1,167.00           | \$0.00                 |
| Welding Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN | Purchased Services    | 0.300 | \$5,000.00           | \$0.00                 | \$5,000.00           | \$0.00                 |

|                                                                               |                    |       |             |        |             |        |
|-------------------------------------------------------------------------------|--------------------|-------|-------------|--------|-------------|--------|
| Welding Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN | Supplies/Materials | 0.400 | \$10,000.00 | \$0.00 | \$10,000.00 | \$0.00 |
| Welding Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN | Travel             | 0.500 | \$2,000.00  | \$0.00 | \$2,000.00  | \$0.00 |
| Welding Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN | Equipment          | 0.700 | \$0.00      | \$0.00 | \$0.00      | \$0.00 |

**Name:** Welding Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN

**Item:** Professional Salaries

**Code:** 0.110

**Federal Explanation:**

**State Explanation:**

**Name:** Welding Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN

**Item:** Grad Assists or Aids

**Code:** 0.120

**Federal Explanation:**

**State Explanation:**

**Name:** Welding Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN

**Item:** Technicians

**Code:** 0.130

**Federal Explanation:**

**State Explanation:**

**Name:** Welding Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN

**Item:** Secretarial/Clerical

**Code:** 0.140

**Federal Explanation:**

**State Explanation:**

**Name:** Welding Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN

**Item:** Other Salaries

**Code:** 0.150

**Federal Explanation:** Teacher Stipends and Temporary employment for adjunct faculty to offer program training.

**State Explanation:**

**Name:** Welding Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN

**Item:** Employee Benefits

**Code:** 0.200

**Federal Explanation:** Federal and state payroll taxes.

**State Explanation:**

**Name:** Welding Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN

**Item:** Purchased Services

**Code:** 0.300

**Federal Explanation:** Pay for equipment maintenance, and for professional development training for instructors.

**State Explanation:**

**Name:** Welding Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN

**Item:** Supplies/Materials

**Code:** 0.400

**Federal Explanation:** Pay for consumables and supplies needed in welding to include metal, welding rods, welding wire, welding gases, slag hammers, basic welding helmets, gloves, and jackets for students that can not afford their own.

**State Explanation:**

**Name:** Welding Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN

**Item:** Travel

**Code:** 0.500

**Federal Explanation:** Pay for mileage for transport of students to various places for hands-on skills based training.

**State Explanation:**

**Name:** Welding Technology, Certificate of Completion - LUNA COMMUNITY COLLEGE - MAIN

**Item:** Equipment

**Code:** 0.700

**Federal Explanation:**

**State Explanation:**

## Common Budget Details

| Item                  | Code  | 2020-<br>2021<br>Federal | 2020-<br>2021<br>State | 2021-<br>2022<br>Federal | 2021-<br>2022<br>State |
|-----------------------|-------|--------------------------|------------------------|--------------------------|------------------------|
| Professional Salaries | 0.110 | \$0.00                   | \$0.00                 | \$0.00                   | \$0.00                 |
| Grad Assists or Aids  | 0.120 | \$0.00                   | \$0.00                 | \$0.00                   | \$0.00                 |
| Technicians           | 0.130 | \$0.00                   | \$0.00                 | \$0.00                   | \$0.00                 |
| Secretarial/Clerical  | 0.140 | \$0.00                   | \$0.00                 | \$0.00                   | \$0.00                 |
| Other Salaries        | 0.150 | \$0.00                   | \$0.00                 | \$0.00                   | \$0.00                 |
| Employee Benefits     | 0.200 | \$0.00                   | \$0.00                 | \$0.00                   | \$0.00                 |
| Purchased Services    | 0.300 | \$0.00                   | \$0.00                 | \$0.00                   | \$0.00                 |
| Supplies/Materials    | 0.400 | \$0.00                   | \$0.00                 | \$0.00                   | \$0.00                 |
| Travel                | 0.500 | \$0.00                   | \$0.00                 | \$0.00                   | \$0.00                 |
| Equipment             | 0.700 | \$0.00                   | \$0.00                 | \$0.00                   | \$0.00                 |
| Indirect Costs        | 0.800 | \$0.00                   | \$0.00                 | \$0.00                   | \$0.00                 |
| Administrative Costs  | 0.810 | \$0.00                   | \$0.00                 | \$0.00                   | \$0.00                 |

## Common Budget Details Explanations

**Item:** Professional Salaries

**Code:** 0.110

**Federal Explanation:**

**State Explanation:**

**Item:** Grad Assists or Aids

**Code:** 0.120

**Federal Explanation:**

**State Explanation:**

**Item:** Technicians

**Code:** 0.130

**Federal Explanation:**

**State Explanation:**

**Item:** Secretarial/Clerical

**Code:** 0.140

**Federal Explanation:**

**State Explanation:**

**Item:** Other Salaries

**Code: 0.150**

**Federal Explanation:**

**State Explanation:**

**Item: Employee Benefits**

**Code: 0.200**

**Federal Explanation:**

**State Explanation:**

**Item: Purchased Services**

**Code: 0.300**

**Federal Explanation:**

**State Explanation:**

**Item: Supplies/Materials**

**Code: 0.400**

**Federal Explanation:**

**State Explanation:**

**Item: Travel**

**Code: 0.500**

**Federal Explanation:**

**State Explanation:**

**Item:** Equipment

**Code:** 0.700

**Federal Explanation:**

**State Explanation:**

**Item:** Indirect Costs

**Code:** 0.800

**Federal Explanation:**

**State Explanation:**

**Item:** Administrative Costs

**Code:** 0.810

**Federal Explanation:**

**State Explanation:**



## Enrollment Goals

 Baseline Year 

| Please complete the information by funded program of study | Number of declared students in the funded program |                      |                      | How will this program incorporate work-based learning experience?                                                                      | How will this program and the instructors connect with Dual Credit?                                                                                                     |
|------------------------------------------------------------|---------------------------------------------------|----------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                            | Baseline                                          | 2020-2021 Projection | 2021-2022 Projection |                                                                                                                                        |                                                                                                                                                                         |
| Building Technology, Certificate of Completion             | 5                                                 | 10                   | 10                   | Students will get to work on small scale projects that will allow them to use the skills they will need when they enter the workforce. | The program will be geared to dual credit students. The institution along with its secondary partner will work together to bring high school students into the program. |
| Welding Technology, Certificate of Completion              | 12                                                | 20                   | 20                   | Students will get to work on small scale projects that will allow them to use the skills they will need when they enter the workforce. | The program will be geared to dual credit students. The institution along with its secondary partner will work together to bring high school students into the program. |

