

WYOMING  
INNOVATION  
*partnership*



A COLLABORATION TO ALIGN EDUCATION,  
WORKFORCE DEVELOPMENT AND INDUSTRY TO  
SUPPORT WYOMING'S ECONOMIC  
DEVELOPMENT NEEDS.

More Information at <https://wip.wyo.gov/>



# Economic and Workforce Sector Development from Western to Eastern Wyoming

- Western – Energy, Digital Technology, Healthcare
- Northwest College – Hospitality & Tourism, Digital Technology
- Central Wyoming College - Hospitality & Tourism, Entrepreneurship, Agriculture
- Sheridan College - Hospitality & Tourism/Creative Economy, Digital Technology
- Gillette College – Transportation, Healthcare
- Casper College – Advanced Manufacturing and Automation; Hospitality & Tourism
- University of Wyoming – Digital Technology, Entrepreneurship, Hospitality & Tourism
- LCCC – Healthcare, Advanced Manufacturing, Digital Technology
- Eastern – Healthcare, Agri-Tourism
- Consortial Infrastructure – Virtual Reality, Course-Sharing Platform



# Powerline Technology Program



- Purchased Poles, Bucket Truck, Digger Derrick Truck, and Semi Trucks – Spring/Summer 2022
- Instructor hired – July 2022
- First cohort started – August 2022
  - 7 students enrolled in program
  - Students learning how to climb the poles using the required equipment
  - Students learning how to operate the digger derrick and bucket trucks
  - Students will be earning their CDL Class A License next semester

# Powerline Technology Program Strategic Partnership and Advisory Board



“The Southwest Wyoming Manufacturing Partnership has created a successful cooperative relationship between industry, education and communities. This success has resulted in an improved pipeline of trained employees to support growth and replacement of employees in the partnership.”

*Ron Wild, SWMP Business Champion  
and Rocky Mountain Power*



## **Black Hills Energy**

Laurie Farkas  
Damien Parks  
Alan Stoinski

## **IBEW**

Scott Long  
Mark Maumau  
Kevin Owen  
Carl Woodland

## **Intermountain Electric**

JD Hall

## **Lower Valley Energy**

Brian Tanabe

## **Rocky Mountain Power**

Chris Nelson  
Ray Summa  
Ron Wild

## **Union Wireless**

Lisa Jones  
Matt Myers  
Megan Neal

## **Utility Workers Union of America**

Chauffe Schirmer

## **WWCC**

Lance Caldwell  
Dr. Kim Dale  
Carlton Dewick  
Amy Murphy  
Dr. Cliff Wittstruck

## **Wyoming Rural Electrical Association**

Shawn Taylor

# Wyoming Innovation Partnership - Energy Substation Technology – Phase II

Western was awarded almost \$1.5 million in WIP funding to start the first Substation Program in Wyoming. Projected start date of Fall 2024.



# Wyoming Innovation Partnership – Energy Electrical and Instrumentation – Phase II

Western was awarded almost \$1 million in grant dollars to expand our Electrical and Instrumentation program in Evanston. Projected start date of Fall 2024.



# Wyoming Innovation Partnership - Digital Digital Technology – Phase II

Western is partnering with Sheridan and Northwest Colleges, Laramie County Community College and the University of Wyoming to expand software development and cybersecurity programs.





# Wyoming Innovation Partnership - Energy Nuclear Technology – Phase III

In preparation for the new Natrium nuclear plant, Western plans to partner with the University of Wyoming on a WIP Phase III funding proposal to expand workforce training in Kemmerer for nuclear and plant operations and industrial maintenance faculty and labs.





**Eastern Wyoming  
College**

**Wyoming Innovative  
Partnership**

**President: Dr. Jeffry Hawes**



# Eastern Wyoming College

## 01

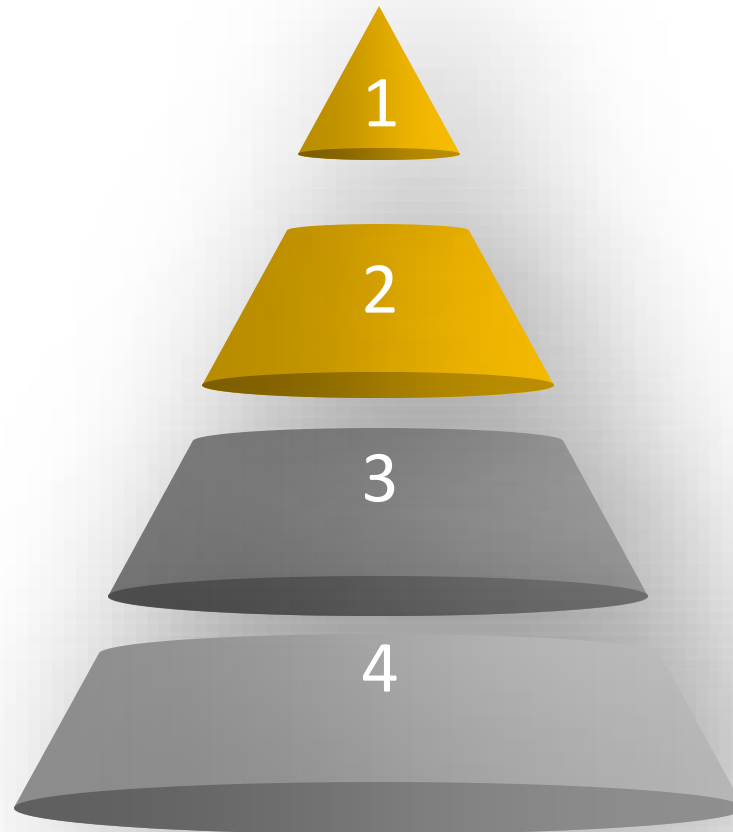
### WORKFORCE READY

- Job Ready
- Technology Enabled
- 21<sup>st</sup> Century Skills

## 02

### CURRICULUM & INSTRUCTION

- Industry Leading Design
- Certificates
- Customized Training



## 03

### INDUSTRY INSIGHT

- Survey
- Market Analysis
- Advisory Board
- Internships
- Industry Investment

## 04

### WYOMING INNOVATION PARTNERSHIP

Modernize and focus Wyoming's efforts to develop a resilient workforce and economy

# EWC WIP Projects +



1



## Precision Agriculture

Partnership with University of Wyoming  
Technology and Innovation  
Job Ready  
Transfer Options

2



## Medical Expansion

Expansion Certified Nursing Assistant  
Expansion of Medical Assistant  
Mobile Learning Laboratory  
Connected to Healthcare Centers

3

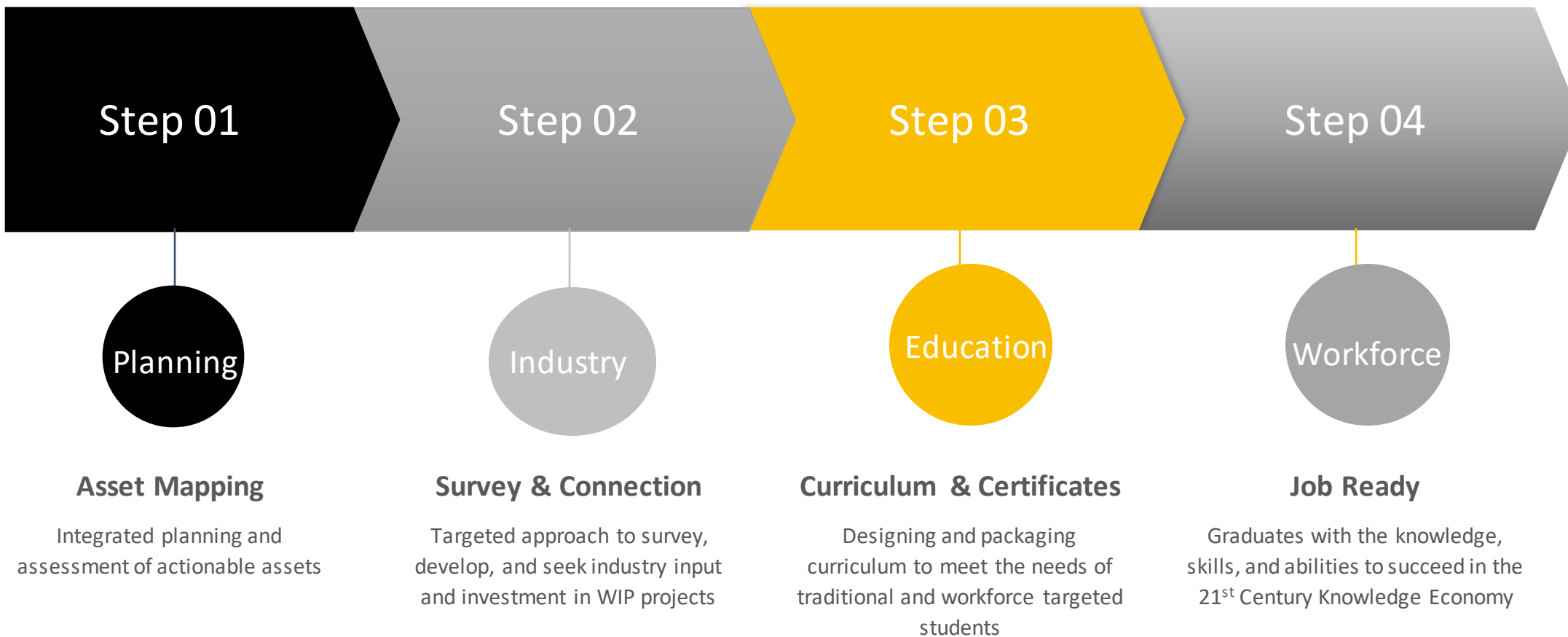


## Education Based Tourism

Partnership with Sunrise Mine  
Establishing a Field School  
International Symposium  
Workforce CRM



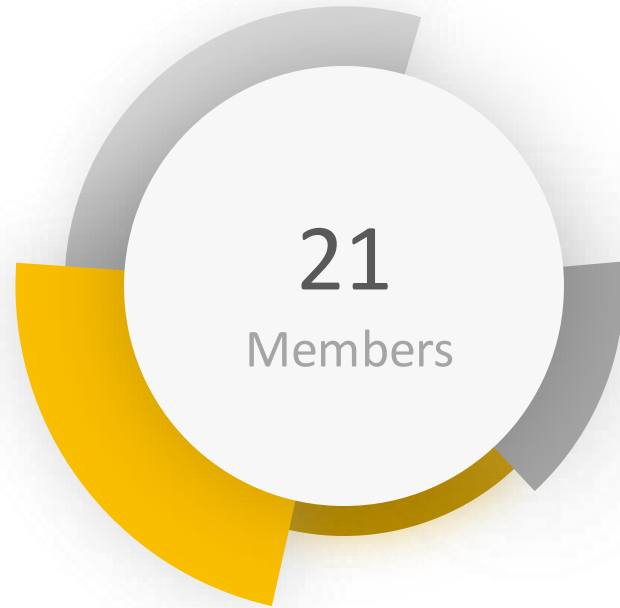
# Connected **Integration**



# Precision Agriculture & UW



## Advisory Board



**Workforce  
Integration**



**Industry Integration to  
Ensure Growth and  
Sustainability**

### Integrated Workforce Pipeline

A connected approach of identifying key constituents that are integral to the development, use, and integration of new technologies in agriculture.

### Represented Industries

- Producers
- Equipment & Manufacturing
- Banking & Finance
- Education
- Commodities
- Technology & Software



WYOMING



WYOMING

WYOMING



TORRINGTON/  
LINGLE



Eastern Wyoming College

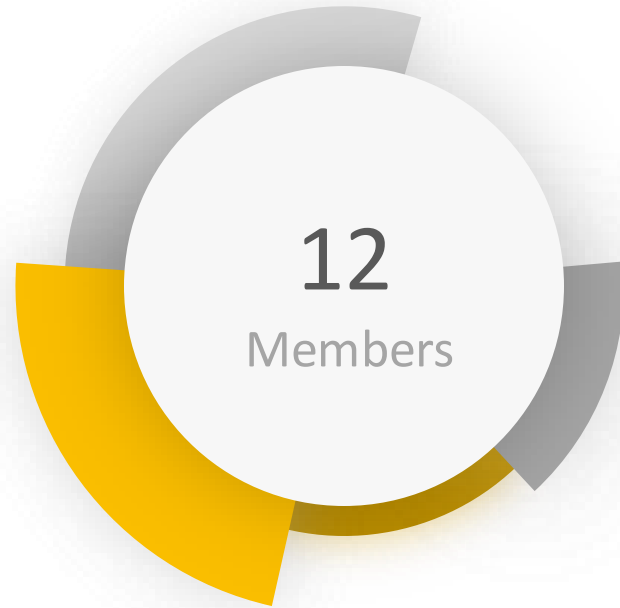
MAR

FERGUSON COLLEGE  
OF AGRICULTURE

# CNA & Medical Assistant



## Advisory Board



**Workforce and  
Education Committee**



**Industry Integration to  
Ensure Growth and  
Sustainability**

### Major Funders of our Medical Programs

- Memorial Hospital of Converse County
- Banner Health

### Targeted Initiatives

- Outreach to Health Service Entities
- Connecting to High Schools
- Mobile Simulation Lab

### Sustainability through Economy of Scale

- Growth through Outreach
- Service Orientated Approach

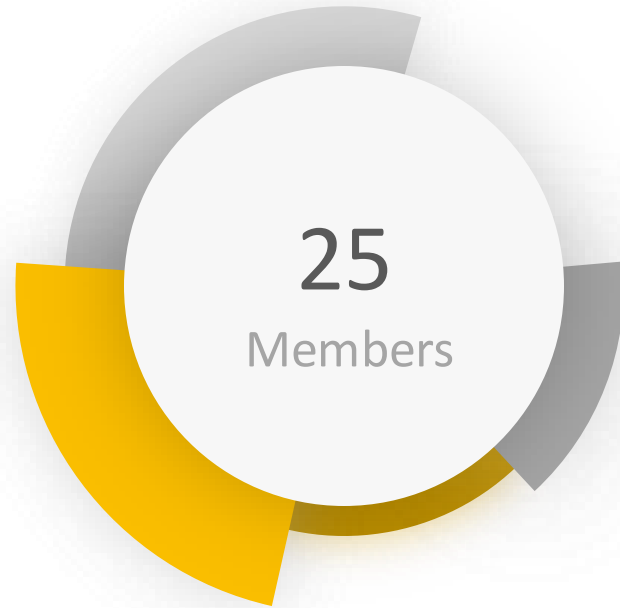




# Education Based Tourism



## Advisory Board



**Workforce and  
Education Committee**



**Industry Integration to  
Ensure Growth and  
Sustainability**

### Integrated Education Workforce Pipeline

A connected approach of identifying key constituents that are integral to the asset mapping, cultural resource management, and integration of a cultural model.

### Represented Industries

- State of Wyoming and Governmental
- SHAPPS (*Sunrise Historic and Prehistoric Preservation Society*)
- Educational Institutions
- Discipline Experts
- Economic Development entities

