Colorado Career Cluster Model

updated March 2023

Agriculture, Food & Natural Resources

- Animal Science
- Agribusiness Systems
- Food Products & Processing Systems
- Natural Resource & Environmental Systems
- Plant Science
- Power, Structural & Technical Systems

Outdoor Recreational Leadership

Energy

Business Management

- Business Analytics
- Business Leadership
- Business Information Technology
- Customer Service
- Human Resource Management
- Operations Management
- Project Management

Marketing

- Digital Marketing
- Event Marketing
- International Marketing
- Marketing Communications
- Marketing Research
- Strategic Marketing
- Professional Sales

Entrepreneurship

Finance

- Accounting
- Corporate Finance
- Insurance
- Securities & Investments
- Tax Services

Government & Public Administration

- Foreign Service
- Governance
- Legal services
- Planning
- Public Management & Administration
- Regulation
- Revenue & Taxation

Engineering & Technology

- Engineering & Technology

Information Technology

- Coding
- Network Systems & Security
- Web Design

Media Arts

- Design & Multimedia Arts
- Digital Media & Communications
- Technical Theatre/Theatre Design and Technology

Transportation, Distribution & Logistics**

- Automotive Service Technician
- Collision Technology
- Diesel Technology
- Motorcycle and Powersport
- Compact Equipment

Aviation

- Aviation Flight (including UAs)
- Aviation Mechanics (including Avionic Technician)
- Aviation Control Systems

Manufacturing*

- Manufacturing Production
- Furniture Manufacturing
- Industrial Manufacturing
- Manufacturing, Graphic & Industrial Design
- Mechatronics
- Welding

Architecture & Construction

- General Construction
- Electrical
- Heating, Ventilation, and Air Conditioning
- Plumbing
- Masonry
- Woodworking
- Property Maintenance

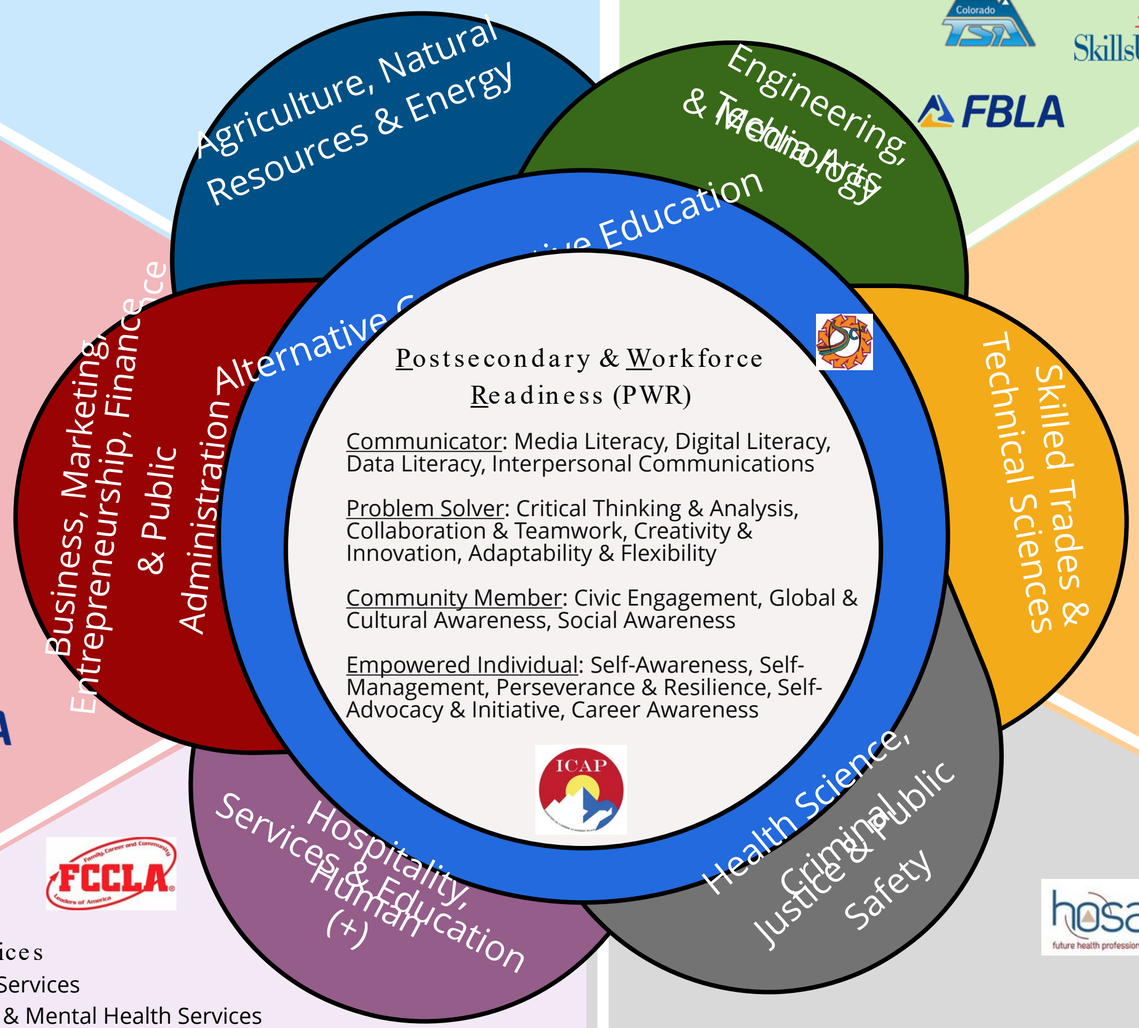
Drafting & Design

- Drafting & Design
- Architecture and Construction/Pre-Construction
- Manufacturing Design

Barbering & Cosmetology (Human Services)

- Cosmetology
- Hairstyling
- Esthetics
- Nail Technology
- Barbering

*includes Drafting & Design
**includes Aviation



Hospitality & Food Production

- Lodging
- Recreation, Amusements & Attractions
- Restaurants, Food & Beverage Services
- Travel & Tourism

Human Services

- Consumer Services
- Counseling & Mental Health Services
- Early Childhood Development
- Family & Community Services
- Personal Care Services
- Social Work
- Human Development & Family Studies

Education & Training

- Administration & Administrative Support
- Professional Support Services
- Teaching & Training

+FACS Core & World of Work (WOW)

Fashion Design/Interior Design

American Sign Language (ASL)

Criminal Justice & Public Safety

- Emergency Management Services
- Law Enforcement Services
- Fire Science
- Security & Protective Services

Health Science

- General Health Science
- Behavioral Health
- Pharmacy Technician
- Emergency Medical Technician
- Medical/Clinical Assistant
- Nurse Assistant/Aide
- Occupational/Physical Therapy
- Dental Assistant Pathway

Colorado Career Cluster Model

updated January 2023

Learning that works for Colorado CTE®

COLORADO COMMUNITY COLLEGE SYSTEM

Career Cluster

A way to group common skills into one category. When students identify with a cluster area, it helps plan courses, classes and future options.

Career Pathways

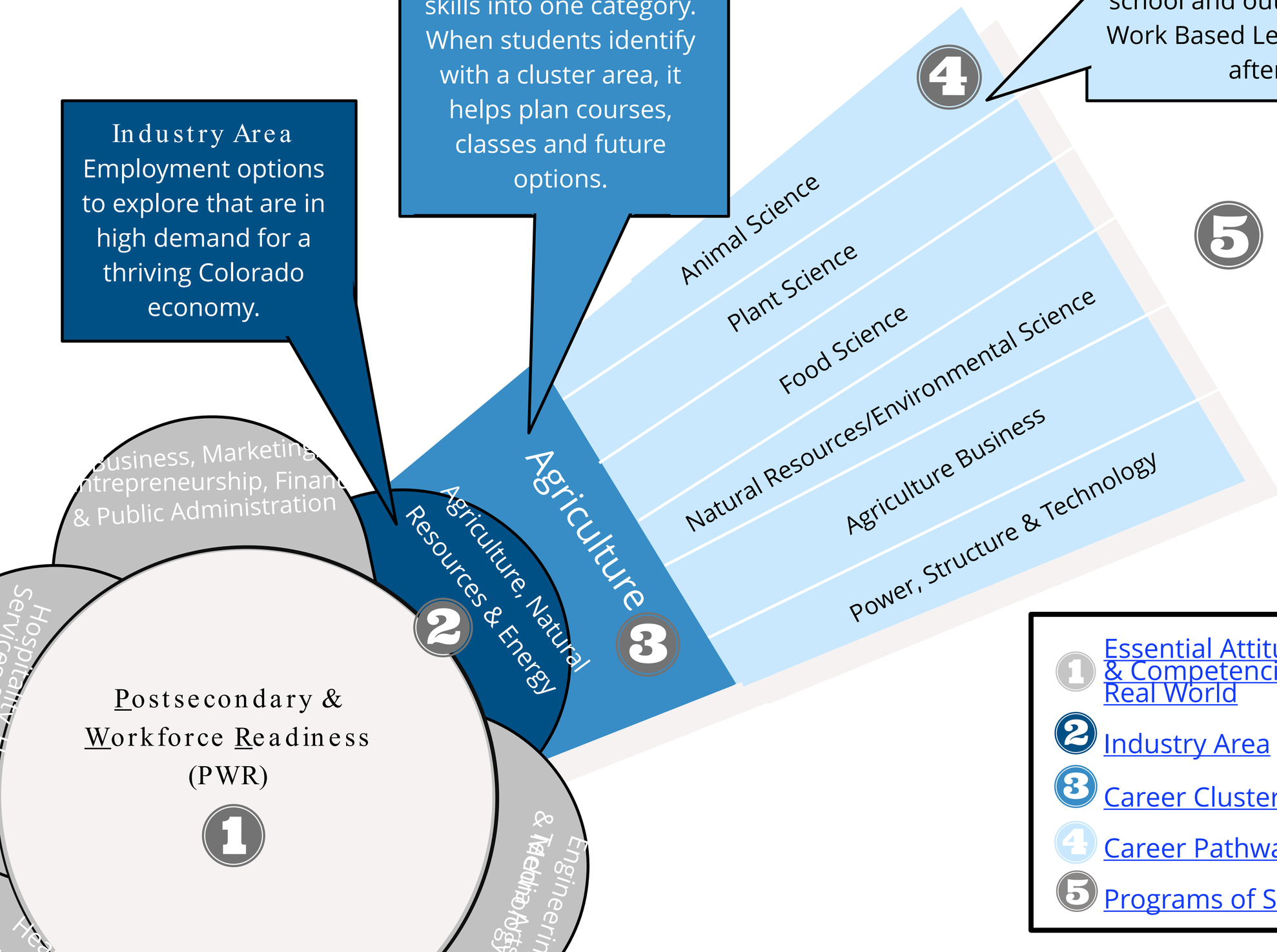
A way to show the path to complete a program, sequence of courses, in-school and out-of-school experiences, Work Based Learning and navigate life after high school.

Industry Area

Employment options to explore that are in high demand for a thriving Colorado economy.

Program of Study

A map to help students design their futures, know the sequences of courses to be intentional about building their class schedules, learn what next steps and what options exist during and after high school for thoughtful postsecondary and workforce readiness.



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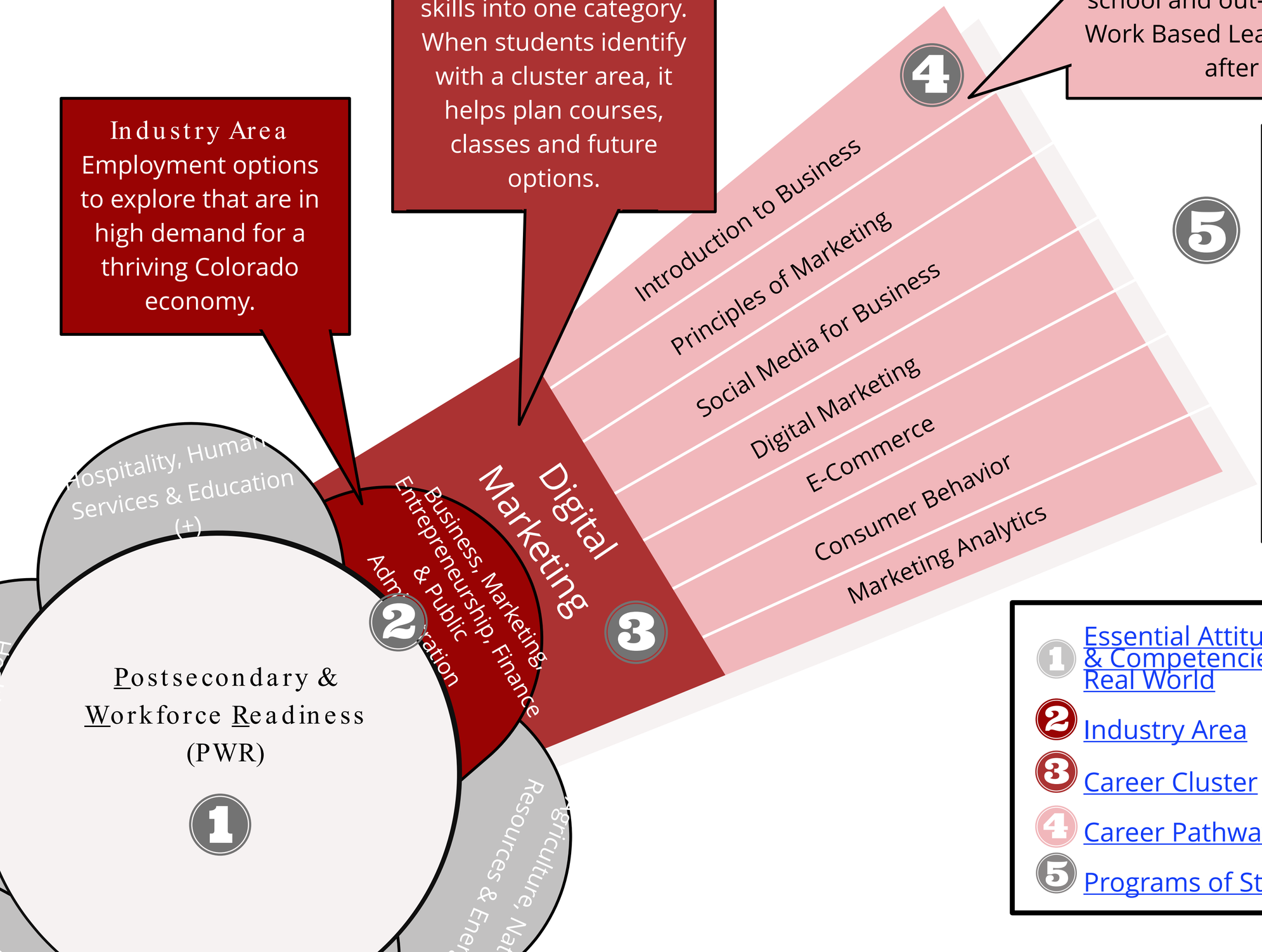

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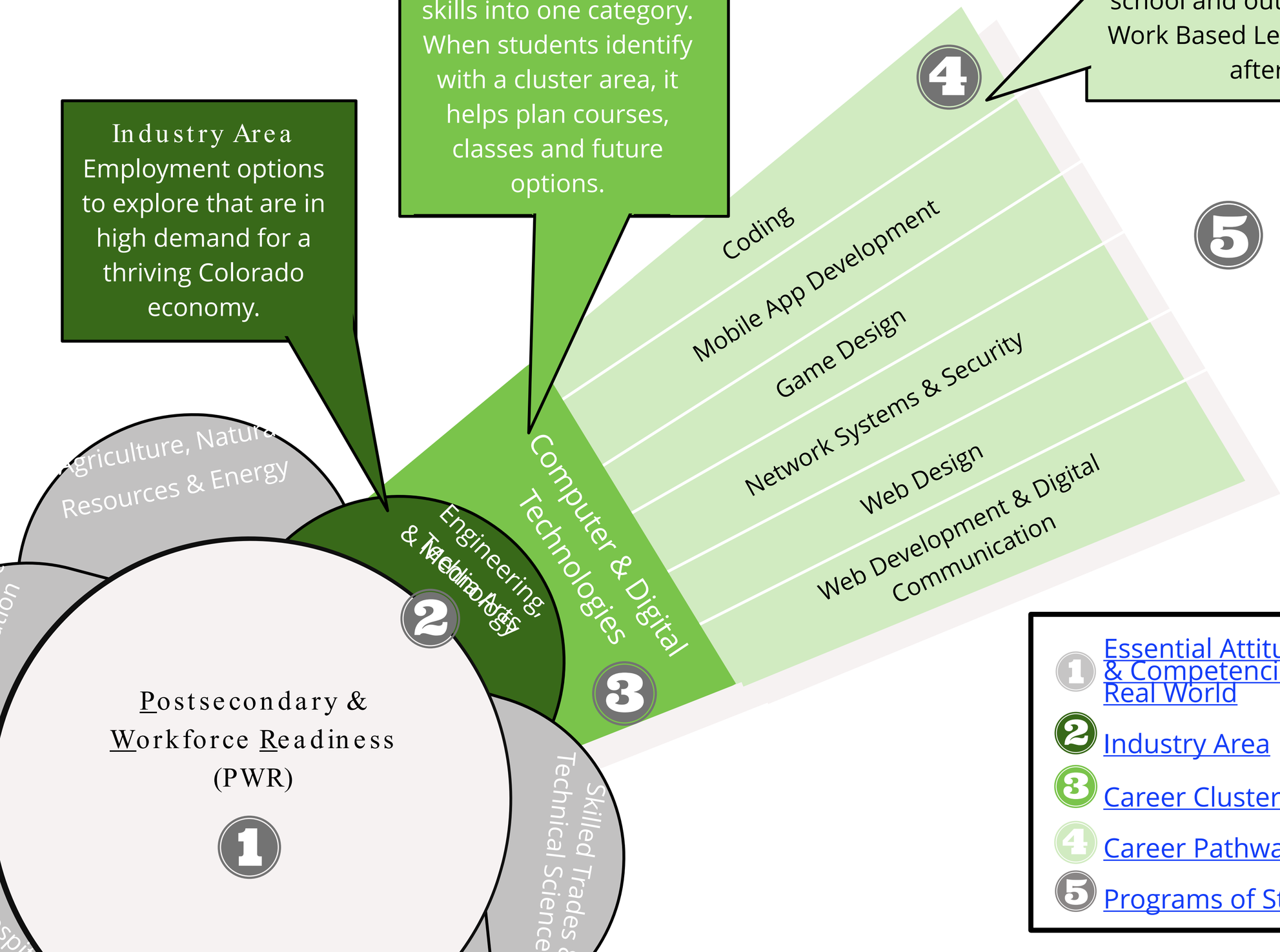

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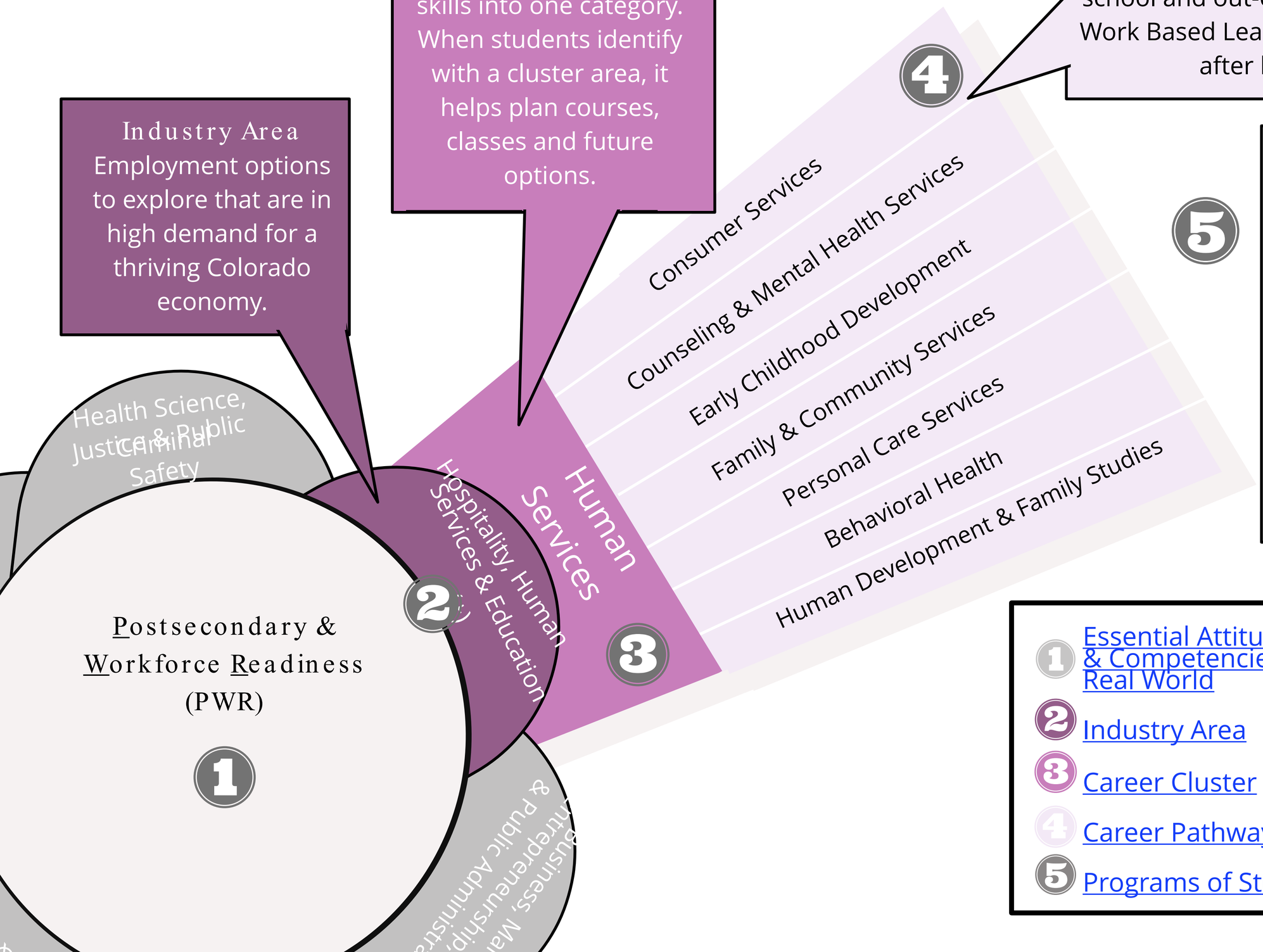

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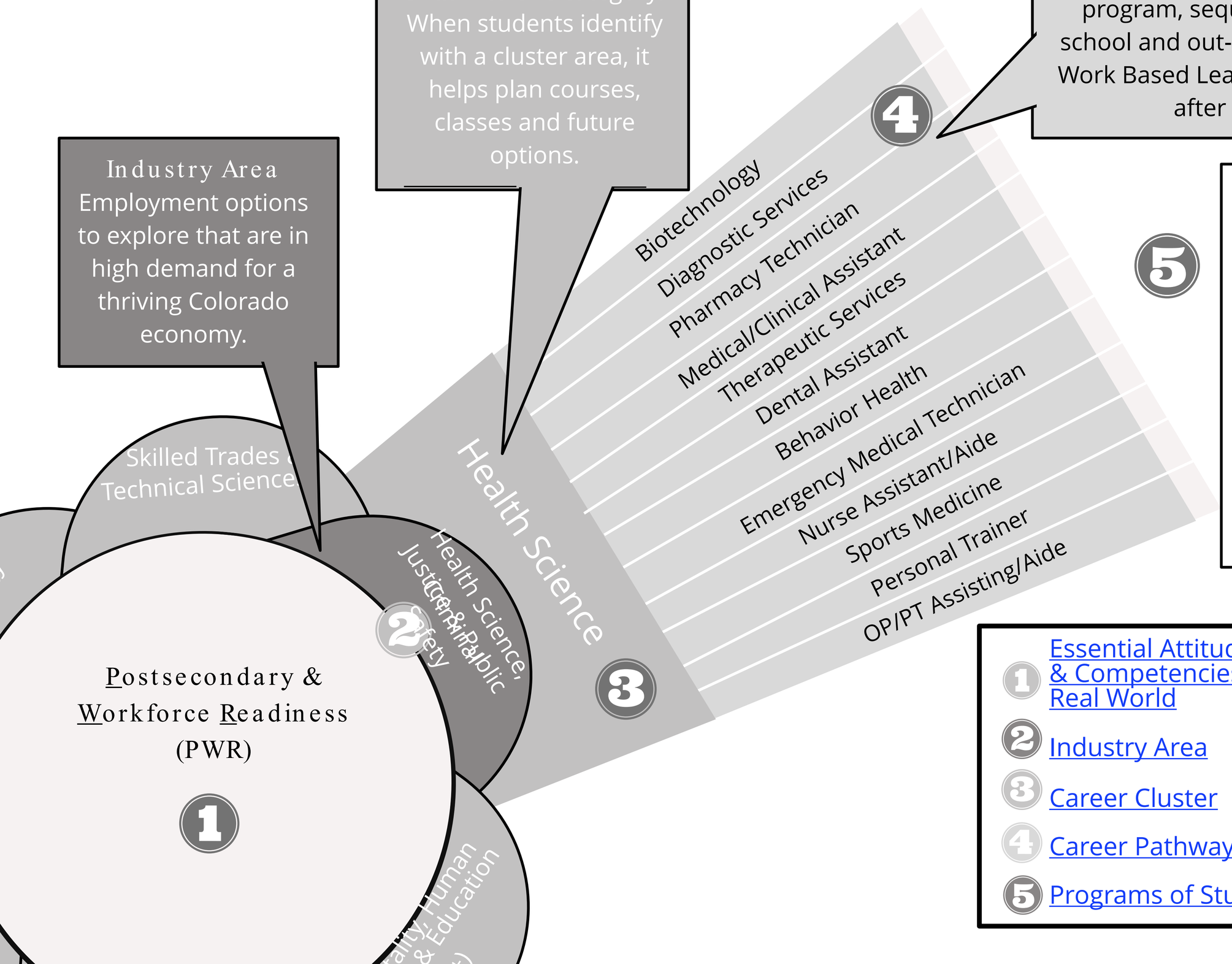

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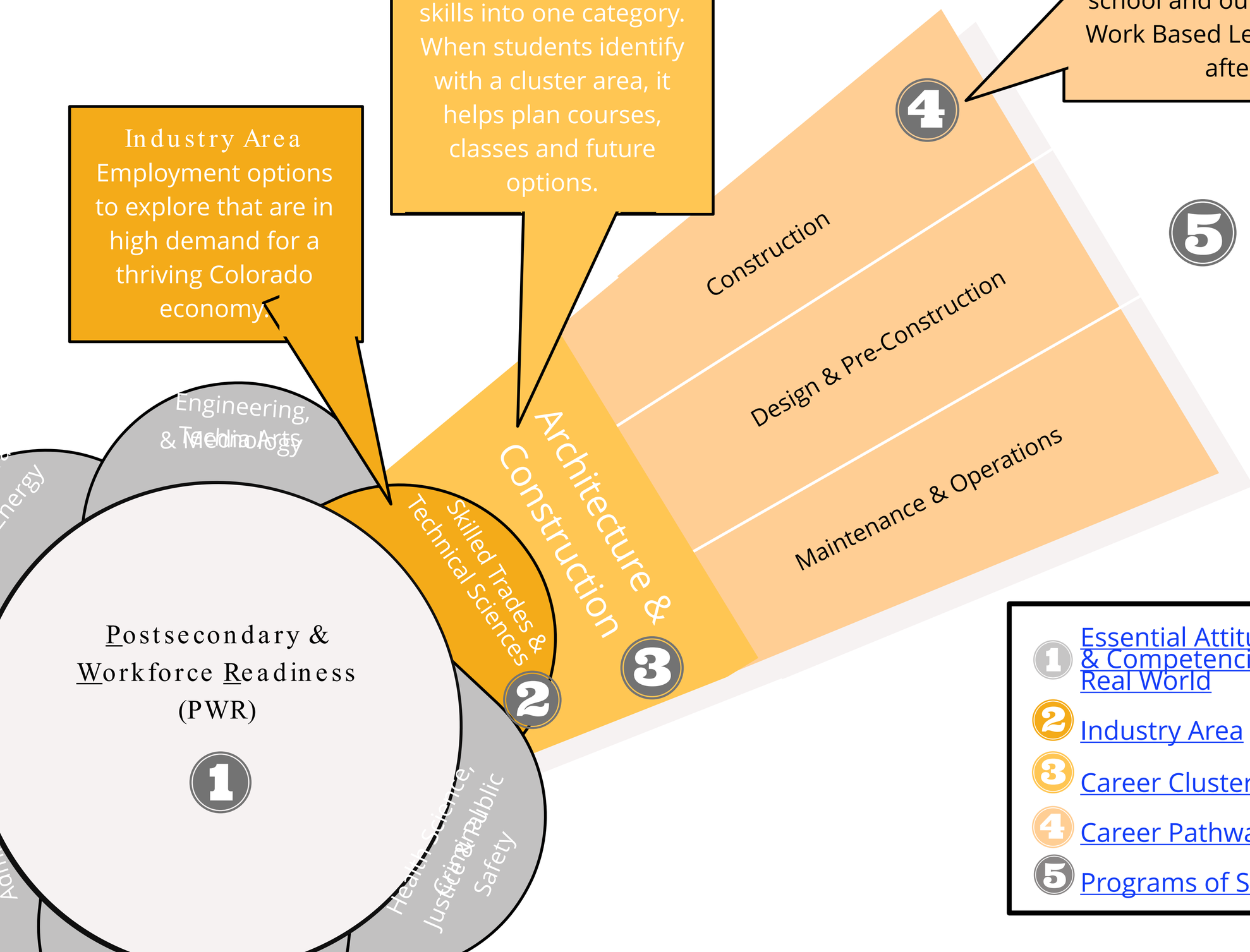

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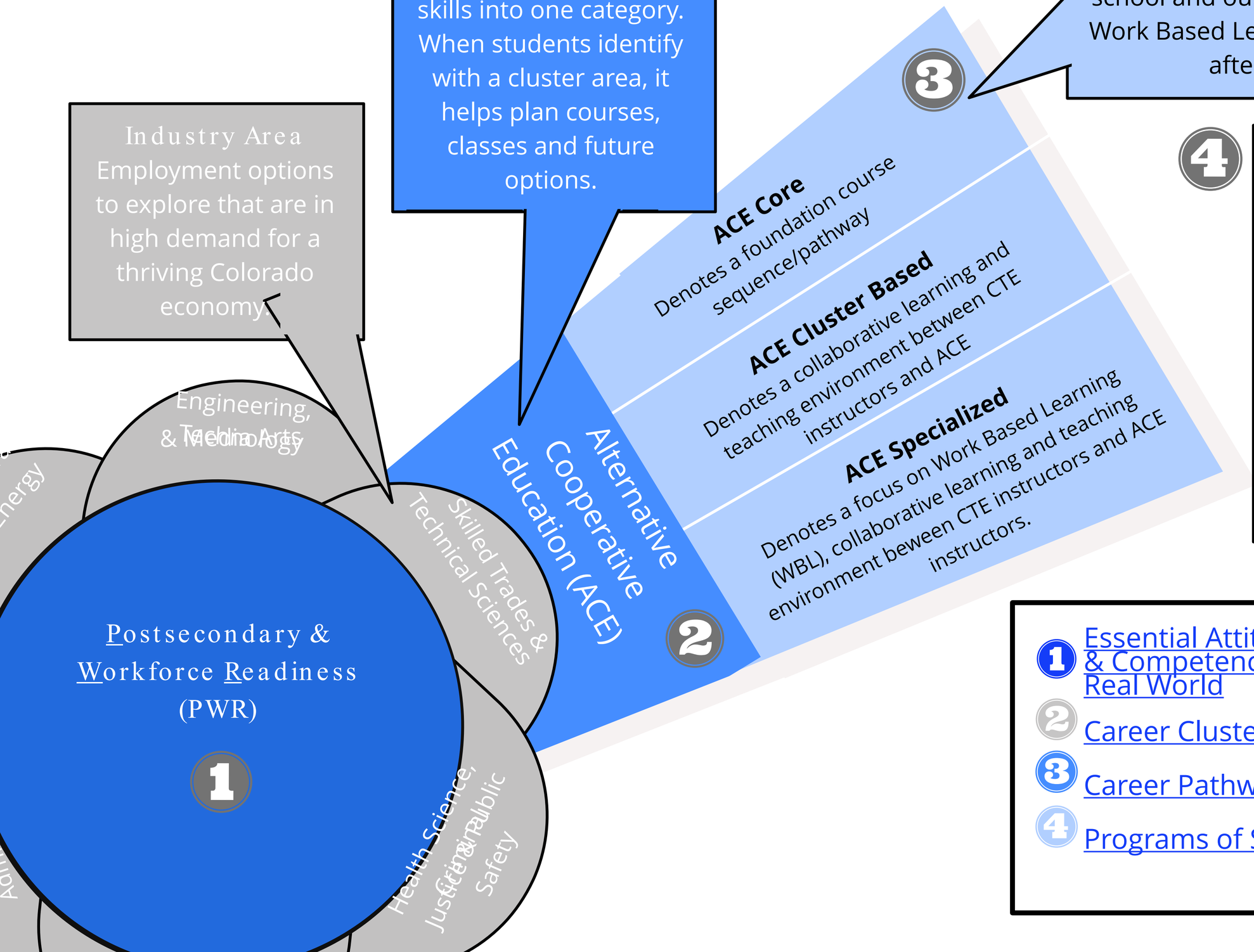

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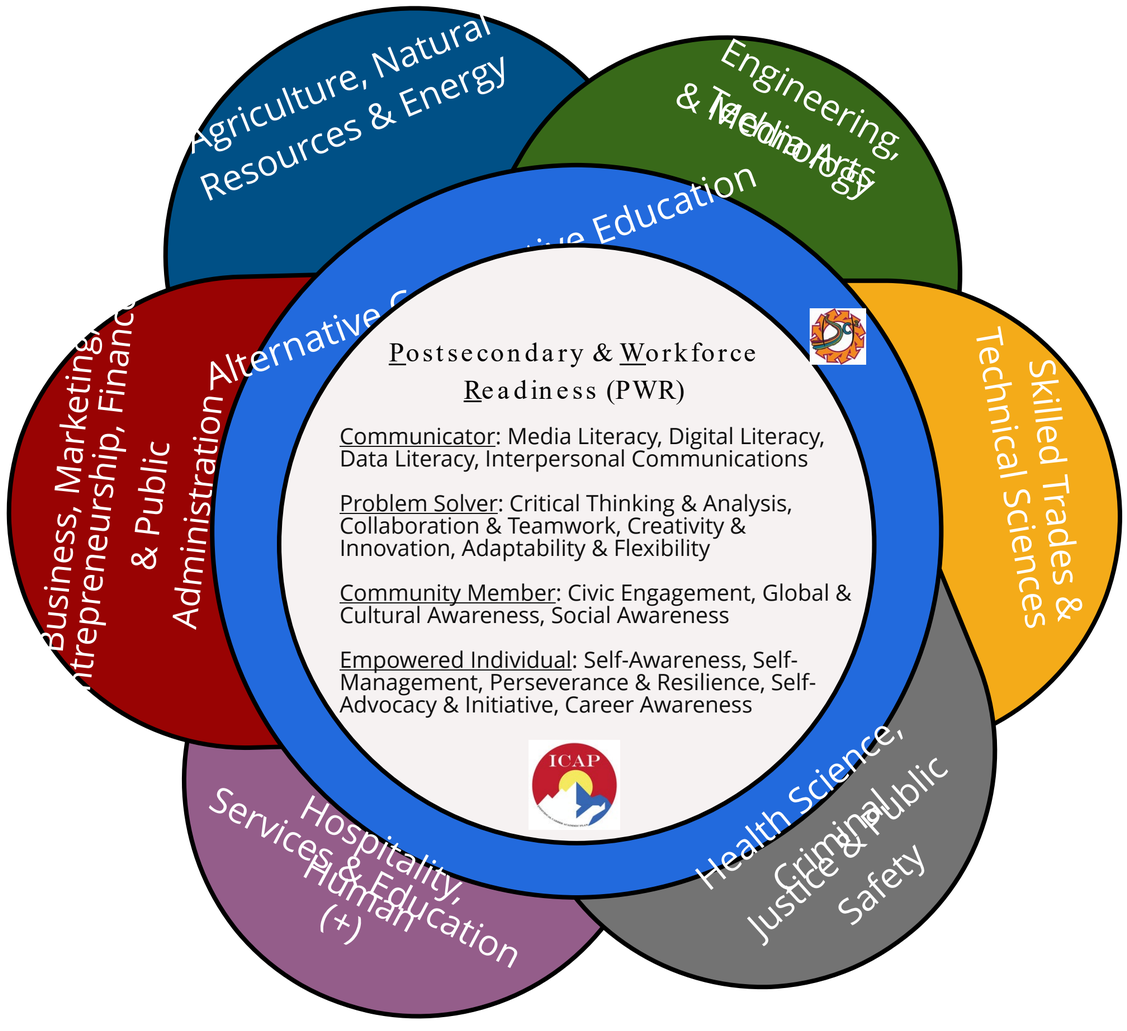
Agriculture, Natural Resources & Energy
Engineering, & Technology
Skilled Trades & Technical Sciences
Health Science, Criminal Justice & Public Safety
Hospitality, Services & Human Education (+)
Business, Marketing, Entrepreneurship, Finance & Public Administration
Alternative Education
Postsecondary & Workforce Readiness (PWR)
Communicator: Media Literacy, Digital Literacy, Data Literacy, Interpersonal Communications
Problem Solver: Critical Thinking & Analysis, Collaboration & Teamwork, Creativity & Innovation, Adaptability & Flexibility
Community Member: Civic Engagement, Global & Cultural Awareness, Social Awareness
Empowered Individual: Self-Awareness, Self-Management, Perseverance & Resilience, Self-Advocacy & Initiative, Career Awareness
ICAP