

# Workforce Cabinet Workflow

Commerce

Corrections

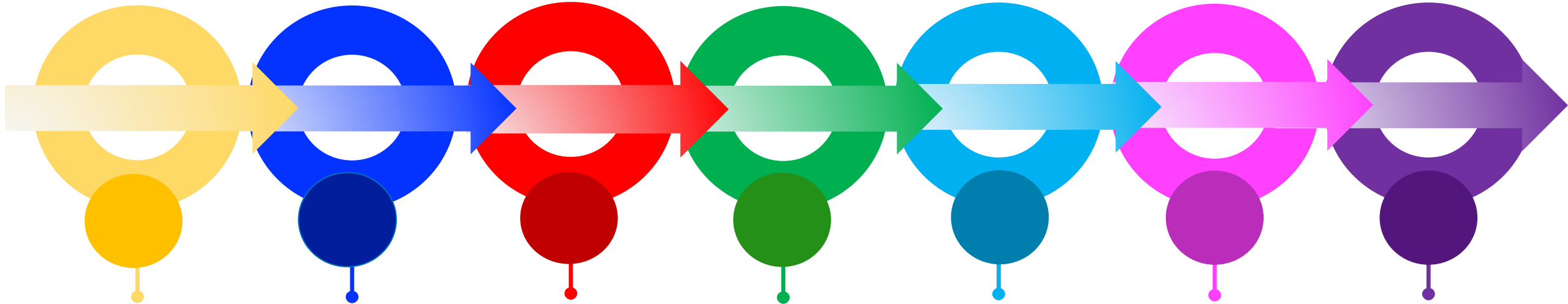
Education

Human Services

Labor/Licensing

TSS

Veteran Affairs



AEDC, DWS, OSD

HS, Training, Work

K-12, CTE, Higher ED

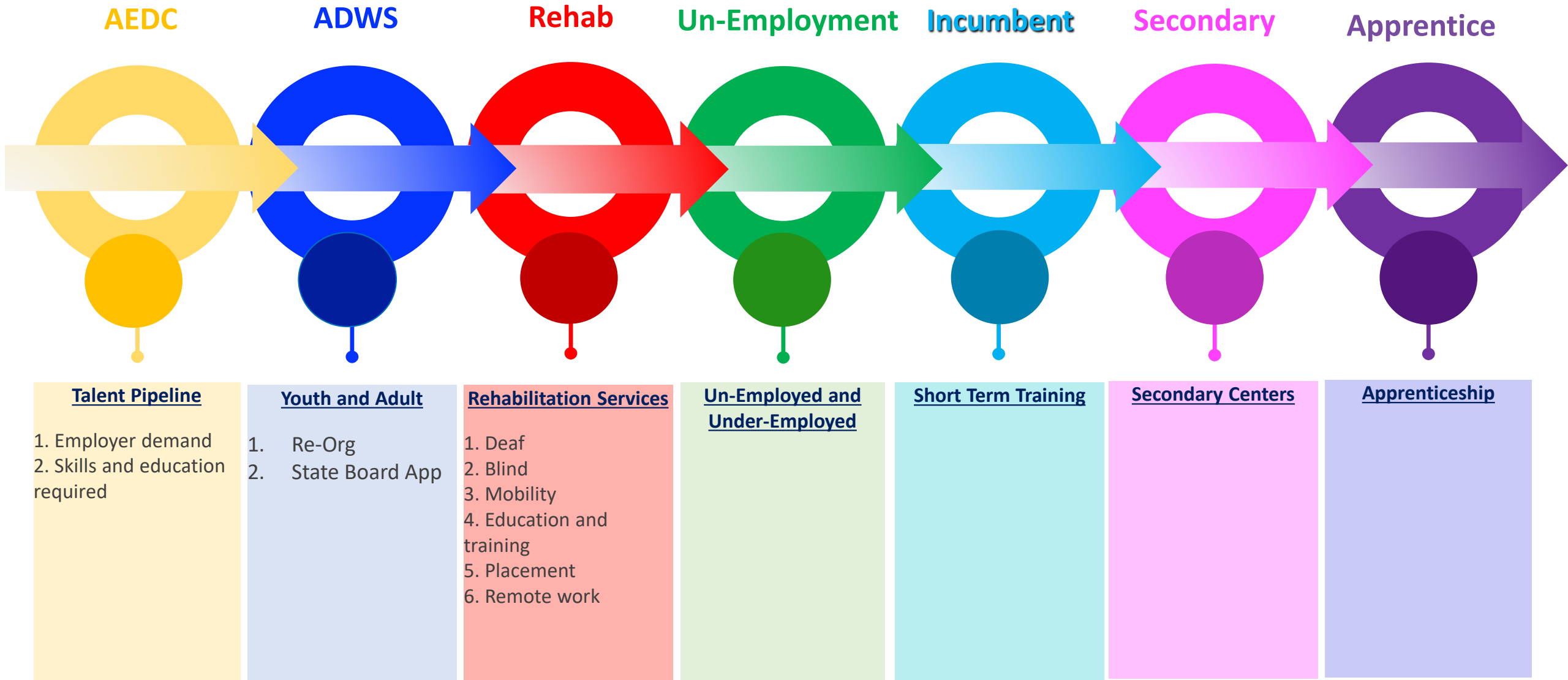
SNAP, TANF, ARHome

OSHA Consultation,  
Labor, and Licensing

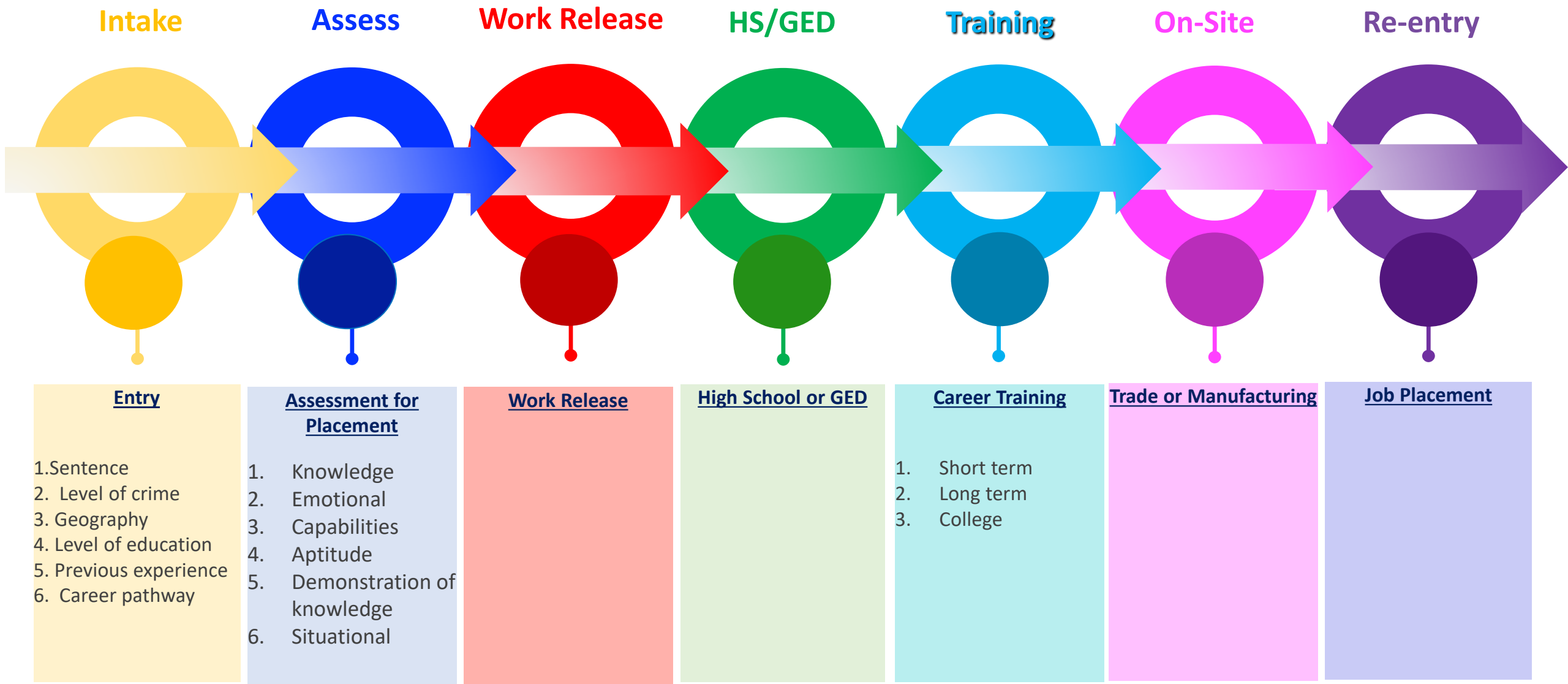
DIS/Longitudnal Data

Transitioning Veterans

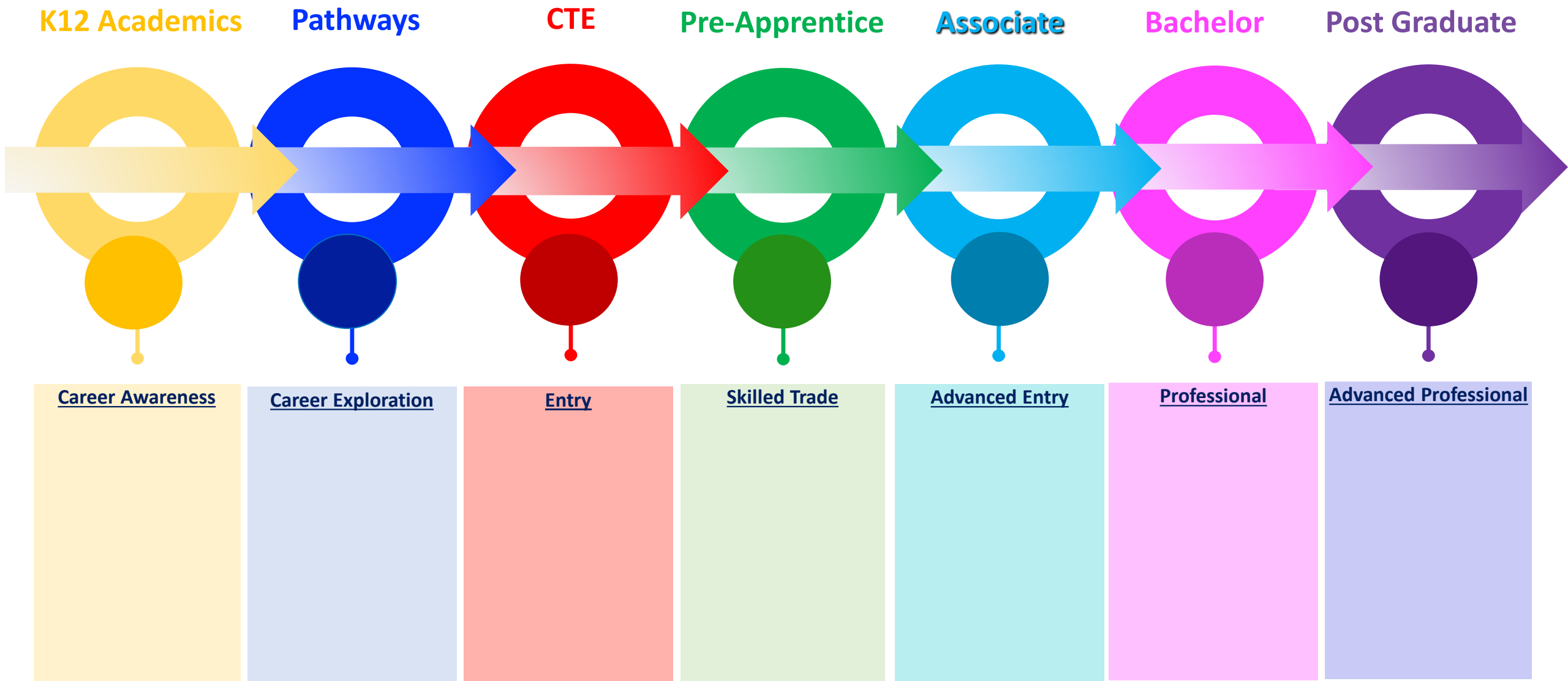
# Department of Commerce Workflow



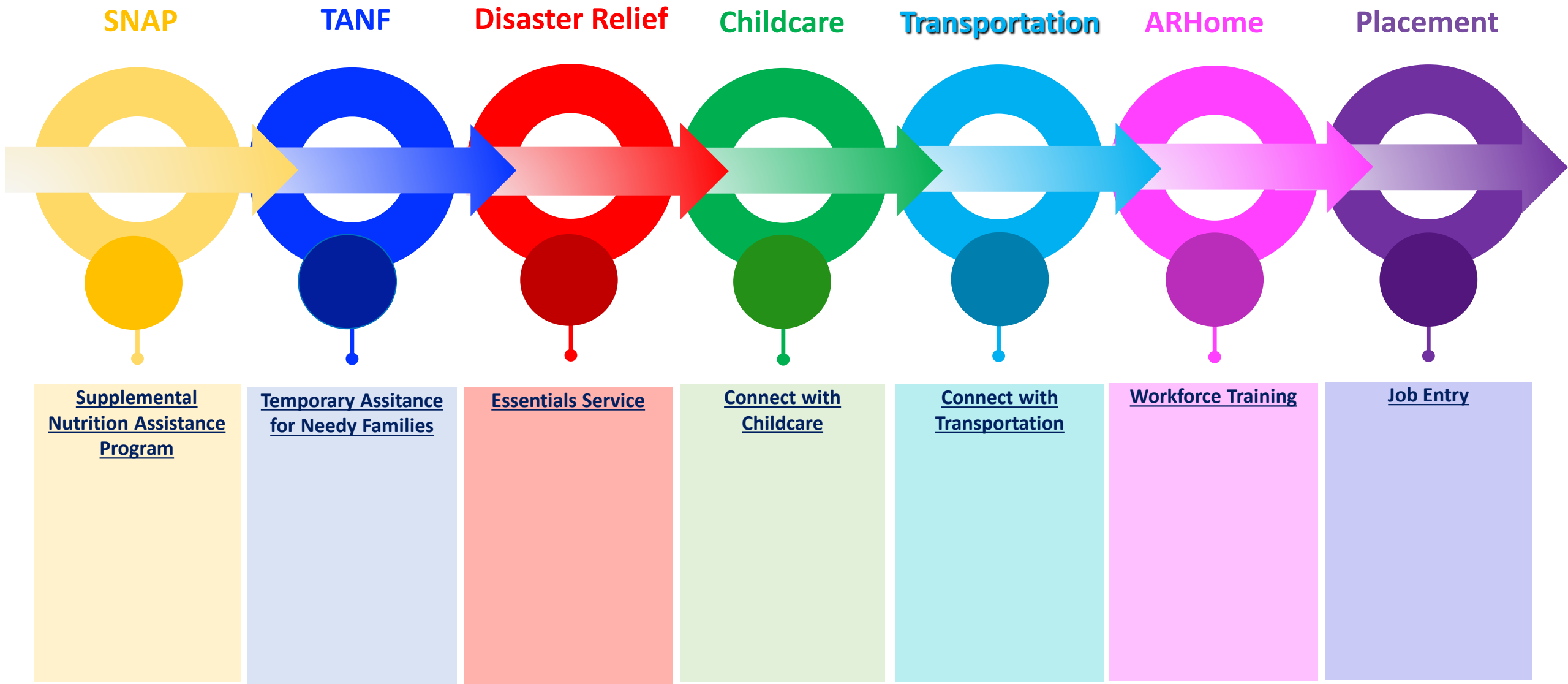
# Department of Corrections Workflow



# Department of Education Workflow



# Department of Human Services Workflow



# Department of Labor and Licensing Workflow

OSHA Consult

Assessment

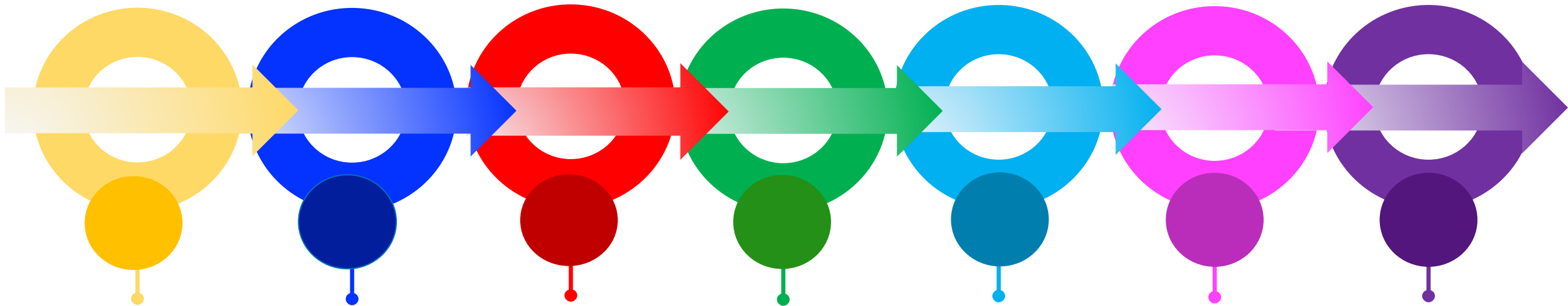
Recruiting

Licensing

Retention

Renewal

Professional



Workplace Safety

Journey Level Testing

Licensed Trades

Streamline

Enhance

Streamline

Professional  
Development

# Department of Transformation and Shared Services Workflow

Assess/Profile

Job Seeker

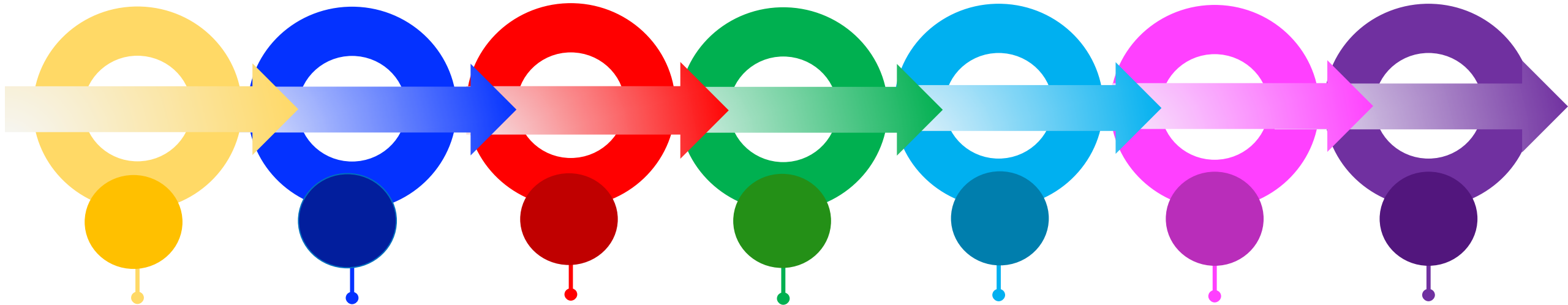
LMS/LER

Employer

State Services

Case Manage

Dashboard



## Digital Profile

1. Knowledge
2. Emotional
3. Capabilities
4. Aptitude
5. Demonstration of knowledge
6. Situational

## Career Exploration

1. ONET
2. TPM
3. JEDx

## Route Education and Credentials

1. Credential Engine
2. Linked In Learning
3. Technical Schools
4. Colleges

## Digital Workplace

1. Job description translation
2. Resume template
3. Skills valued

## Longitudinal Data

## Case Management

## Key Performance Indicators

# Department of Veteran Affairs Workflow

DD214

Crosswalk MOS

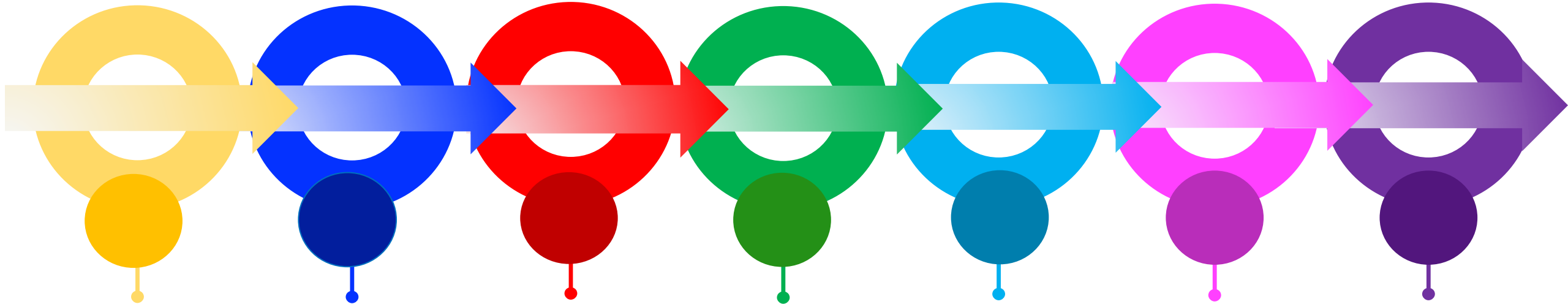
Connect

Short -term

Technical

College

Placement



Identify Returning  
Veterans

Translate Military Duty  
to Civilian Job Descrip

Identify and Promote  
Veteran Friendly Emplo

Non-credit Training

Technical Program  
Diploma

GI Bill

Job Matching and  
Placement



# LIFE AFTER HIGH SCHOOL KNOW YOUR

# OPTIONS!



From on-the-job training that whisks you into the workforce to decade-long doctoral degree plans, we break down each level of higher education and reveal just how long each one will take.

**What's the difference between a certificate and a certification?** A certificate is earned through a college or university, while a certification is earned by an association, company or organization.

**FASTEST**

## EARNED DURING HS

### High School Diploma/GED

Straight into the workforce. Get paid right away. Job options limited.

## EARNED DURING HS

### Work-based Learning

Hands-on experiences completed in high school. This experience boosts resumes and can be a shortcut for students pursuing specific careers.

## START IMMEDIATELY AFTER HS

Get hired to learn as you work! Move straight into the workforce. Get paid right away. Job options are limited but growing as Texas races to keep up with workforce demands.

## TAKES UP TO 1 YEAR AFTER HS

### Occupation Skills Award

Can be completed with nine to 14 hours of credit (one year max) in a specific technical field to complete. Stack multiple skills awards to grow and advance.

## TAKES UP TO 1 YEAR AFTER HS

### Certificate of Proficiency (or Certificate of Competency)

Three to seven months of training in a specific occupation to earn a certificate and enter the workforce. You must complete a 30-credit program, a 24-credit career specialty and get at least six credits of general education.

## TAKES UP TO 1 YEAR AFTER HS

### Certificate of Completion

Typically requires one year to complete and is related to a specific job or career niche.

**QUICK**

## SAVES UP TO 2 YEARS OF HIGHER ED

### Early College High School

Provides programs for high school students to enroll in college courses early and earn up to 60 credit hours by the time they graduate high school. Generally a separate campus from the high school. Shortens time spent at two-year community college and four-year university. Can leave high school with an associate degree.

## TAKES 2-4 YEARS AFTER HS

### Career & Technical Education (CTE)

Career-specific programs of study for students to learn and train during high school. Students earn credentials and take part in internships with local businesses. The goal is to get students career-ready while earning their high school diploma. Two-year and four-year degrees are usually still needed at the end of a CTE program, but the real-world experience and exposure gained during a CTE program inevitably fast tracks students into stable, high-paying jobs.

## TAKES UP TO 3.5 YEARS AFTER HS

### Dual-credit in High School

Shortens length of time in college. Students can earn college credits equivalent to one or more semesters of college coursework. Can be used towards a two- or four-year degree. Cuts college tuition costs. To be eligible, students must take Texas Success Initiative tests and meet college prerequisite requirements.

## TAKES 2 YEARS AFTER HS

### Associate Degree

Can be completed in two years for a full-time student, or three to four years for a part-time student. The typical community college tuition in DFW is \$3,626 for in-state students.

**It takes 16 years** of higher education and training after high school to become a surgeon.

—American Board of Physician Specialties

**AVERAGE**

## TAKES 4 YEARS AFTER HS

### Transfer Degree

Complete the first two years of a four-year bachelor's degree program at a community college to save money on tuition. Transfer

## TAKES 4 YEARS AFTER HS

### Bachelor's Degree

Typically completed in four years and often dubbed the traditional route. Can take longer than four years if a student is part-time. The average annual tuition at a four-year public school in DFW is

## TAKES 4-6 YEARS AFTER HS

### Journeyman

After completing an apprenticeship or learning on-the-job, experienced professionals can continue to hone their craft with more skills and qualifications to advance into

## TAKES 6-8 YEARS AFTER HS

### Master's Degree

Can only be obtained after earning a bachelor's degree. Can be used to climb the ladder and earn higher wages and the average graduate

## TAKES 7-8 YEARS AFTER HS

### Doctoral Degree

What you'll need if considering a career as a doctor, lawyer, professor, historian, statistician, anthropologist and other similar job titles. Often requires post

## TAKES 9-16 YEARS AFTER HS

### Medical Residency: Add

three to seven years after medical school.

**Medical Fellowship:** Add

**LONG**

**LONGER**

**LONGEST**

# Arkansas Tech Hub Locations (Partial List )



## Robotics Manufacturing Hub

- Home to 8 global manufacturers
- \$8 million robotics and manufacturing training center to be complete in 2024
- Educational Partner: North Arkansas College

## Manufacturing Hub



- 18,000+ manufacturing employees in the area
- Diversity in manufacturing from food to steel
- Educational Partner: Peak Innovation Center



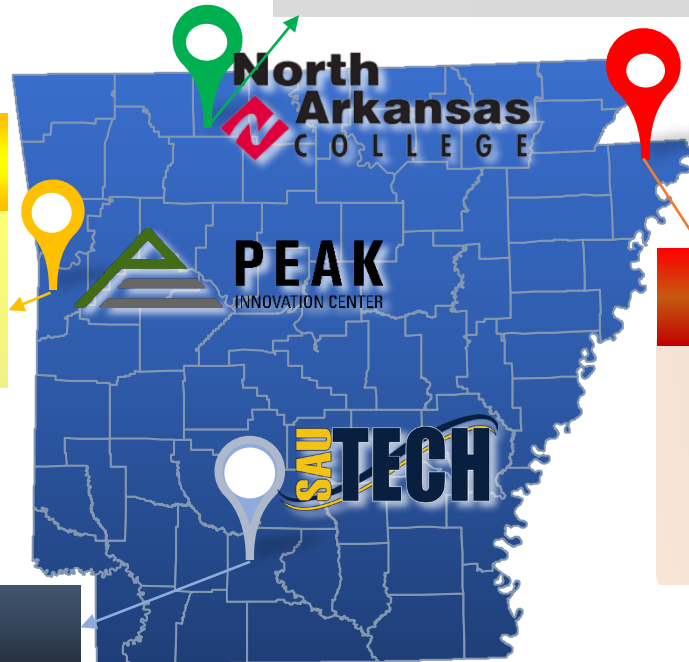
## Steel Industry Hub

- Largest U.S. steel producing county
- 20+ steel-related businesses in Mississippi County, employing nearly 4,000 workers
- Educational Partner: Northeastern Arkansas College



## Defence & Aerospace Hub

- Arkansas' largest export (19.7%), generating \$1.8 billion in economic activity
- Approximately 8,276 employees are involved in aerospace and defense manufacturing
- Educational Partner: South Arkansas University



# Advanced Manufacturing Tech Hub



Mechanical

Fabrication

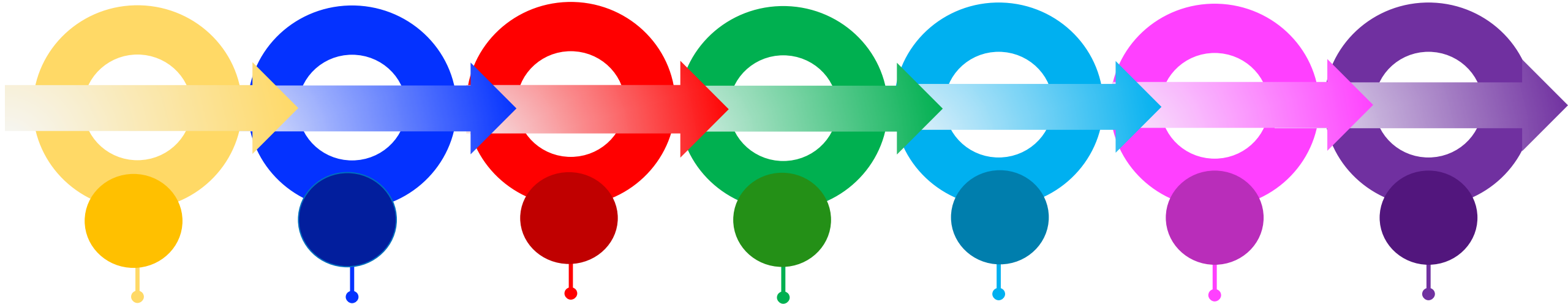
Hydraulic/Pneu

Electrical

Automation

Robotics

Service



Mechanical Tech

Welder and Fabricator

Fluid and Air Power  
Tech

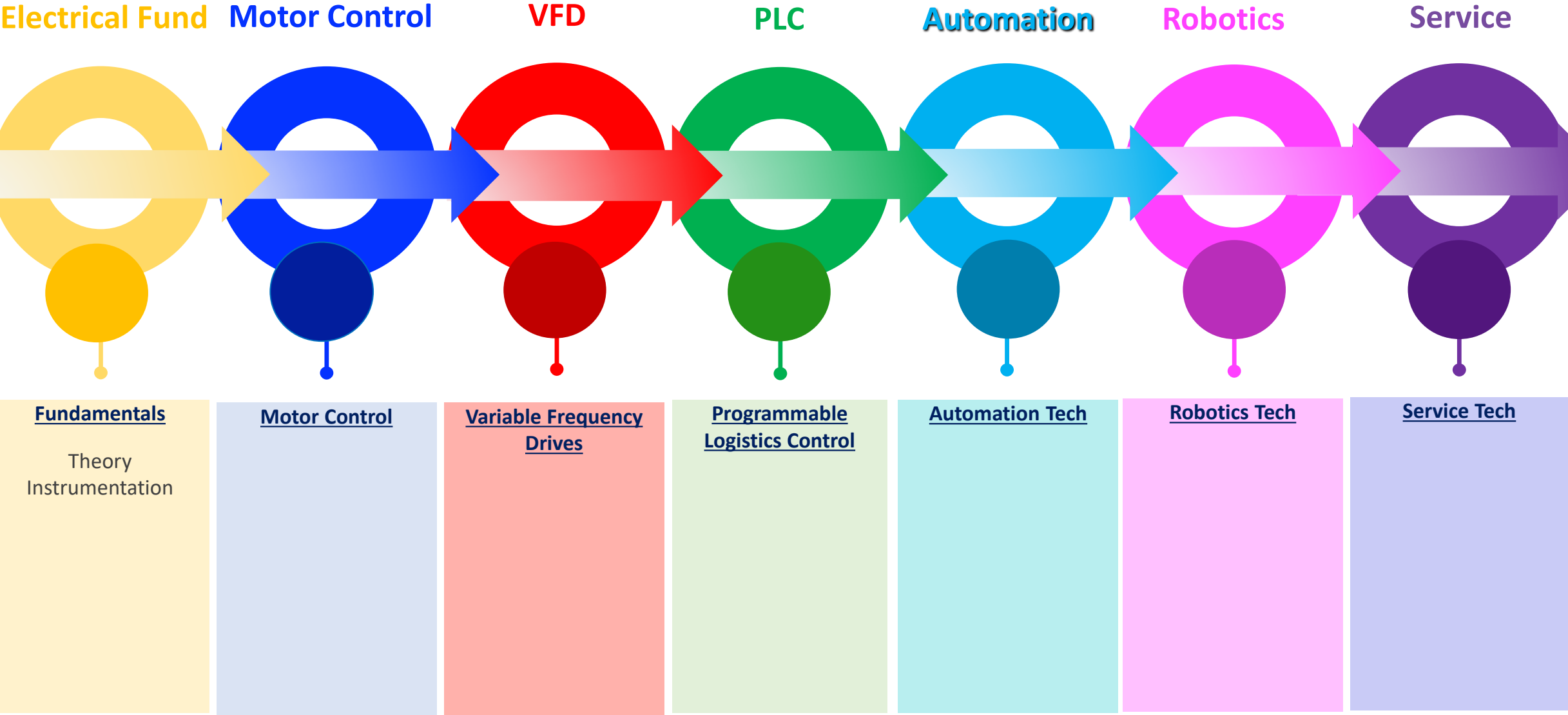
Electrical Tech

Automation Tech

Robotics Tech

Service Tech

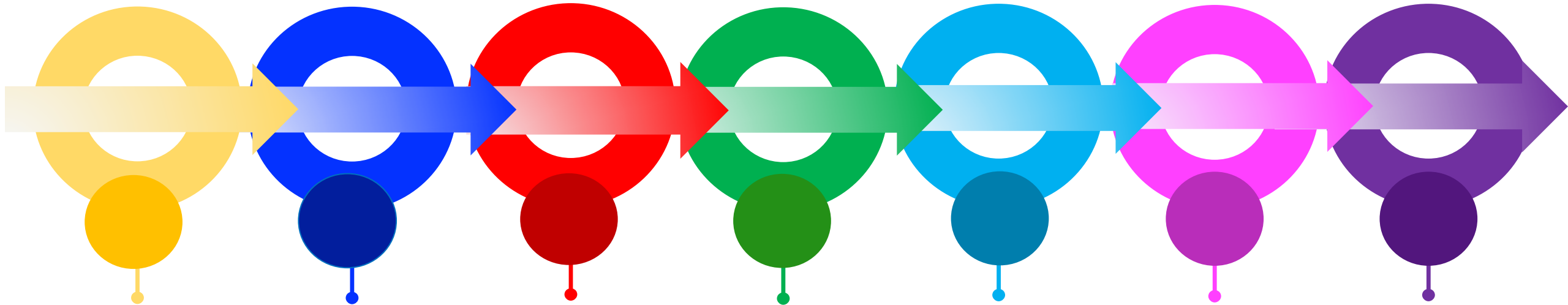
# Advanced Manufacturing Mobile Training



# Aerospace and Defense Tech Hub



**Mechanical**   **Hydraulic/Pneum**   **Fabrication**   **Assembly**   **Electrical**   **Electronics**   **Instrumentation**



Mechanical Tech

Fluid and Air Power

Sheetmetal and  
Welding

Production

AC Electrical Tech

DC Electronics Tech

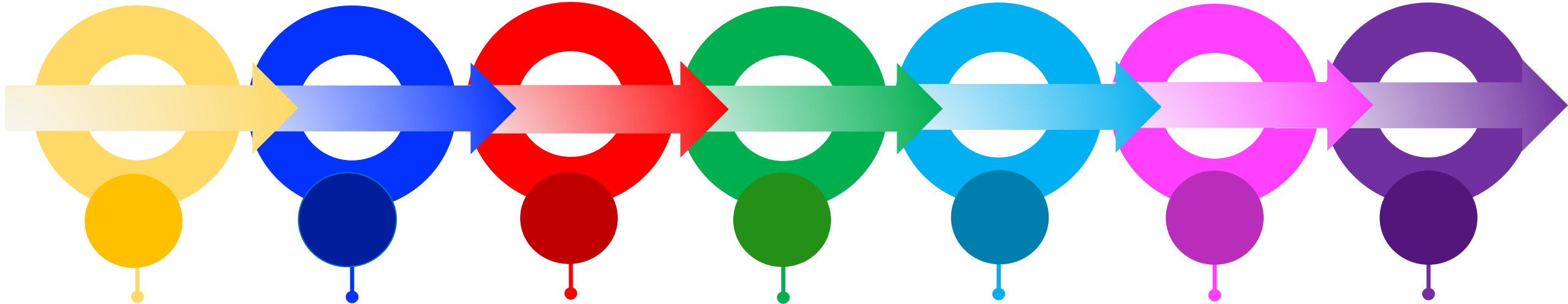
Production



# Aerospace and Defense Tech Hub (Aircraft)



**Mechanical**   **Hydraulic/Pneum**   **Fabrication**   **Assembly**   **Electrical**   **Electronics**   **Interiors**



## Mechanical Tech

**Duties:** P  
**Training:** 4-10 week program

## Fluid and Air Power

**Duties:** P  
**Training:** On-the-Job

## Sheetmetal and Welding

**Duties:** P  
**Training:** composites

## Production

**Duties:** P  
**Training:** 100 hours

## AC Electrical Tech

**Duties:** Troubleshoot and repair electrical equipment and machinery  
**Training:** 4 year training program & exam

## DC Electronics Tech

**Duties:** Install wiring harnesses and electrical components  
**Training:** 2 year training program & exam

## Production

**Duties:** Install cabinetry, seats, upholstery, and other features.  
**Training:** month training program

## Aerospace & Defense Companies in Arkansas



# Alternative Energy Tech Hub



Wind

Solar

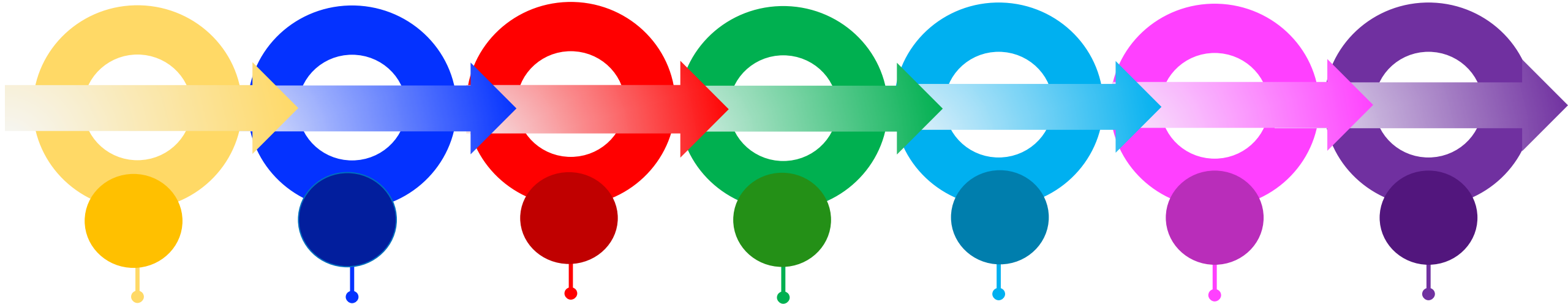
CNG

Hydrogen

Electric Battery

Generator

Bio-Fuel



C

**Duties:** Provide

**Training:** 4-10 week  
program

P

**Duties:** provide

**Training:** On-the-Job

P

**Duties:** assist

**Training:** On-the-Job

M

**Duties:** Admini

**Training:** 100 hours &  
exam

L

**Duties:** Provide

**Training:** 1

R

**Duties:** Prov

**Training:** AA

B

**Duties:** Provide

**Training:** R



# CHIPS Tech Hub- MUSiC



DC Electronics

Semi-Conduct

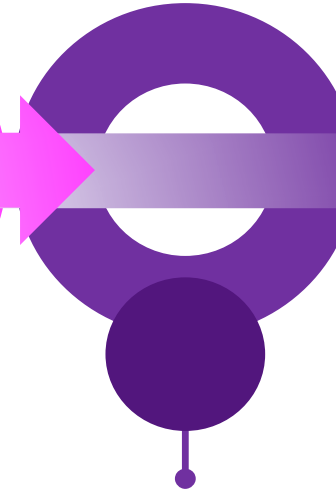
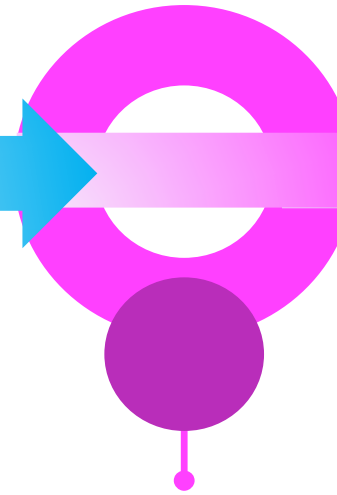
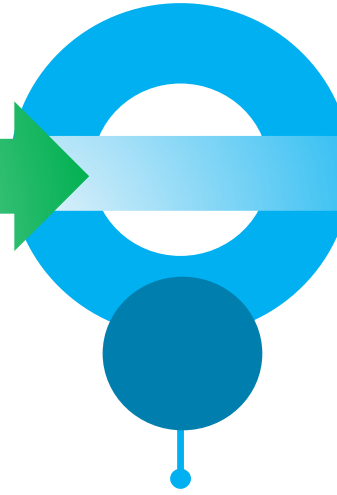
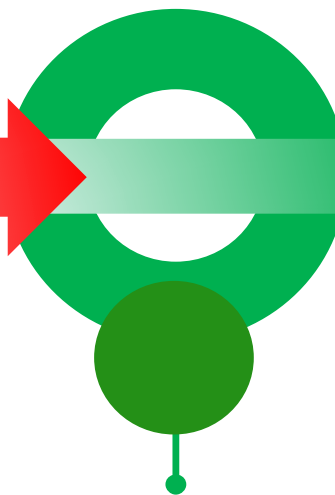
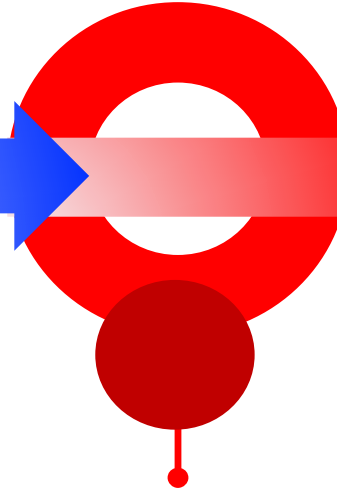
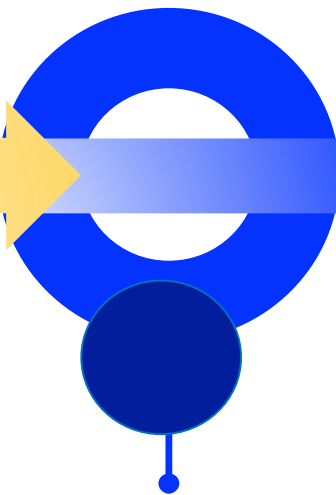
Integ. Circuits

Components

Printing

Interface

Supply Chain



## DC Electrical

Theory  
Fundamentals  
Instrumentation  
Measurement  
Schematics  
Diagnostics

## Semi-Conductors

Materials  
2D Quantum Devices  
Wafer Fabrication  
Silicon  
Silicon Carbide  
III-V Compounds  
Lithography  
Deposition  
Etching

## Integrated Circuits

Analog  
Digital  
Photonics  
Power electronics

## Electronic Components

CMOS  
Discrete diodes  
Transistors  
Modules  
Sensors  
Power devices  
IR

## Printing Integrated Circuits

## Operating System Interface Back end

## Logistics, Supply Chain, and Advancement

Packaging  
Innovation  
Research (Lab to Fab)

# EV/GPS/GIS/Precision Agriculture Tech Hub



Mining

Battery Tech

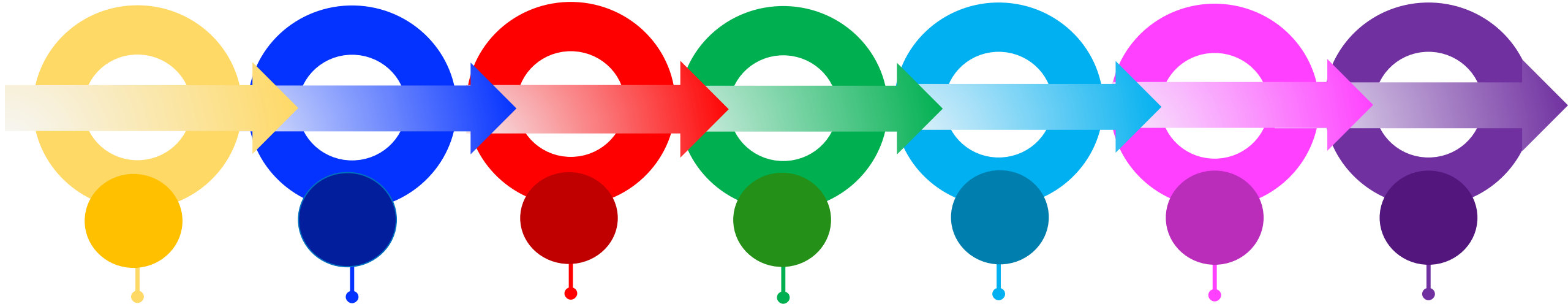
Automotive

Commercial

Small Agri

Tractor

Navigation



Lithium Mining

Battery Technology

Automotive EV

Commercial Truck EV

Small Power EV  
Equipment

Agriculture EV  
Equipment

GPS, GIS, and Mobility

# Steel Tech Hub



Work Release

Boot Camp

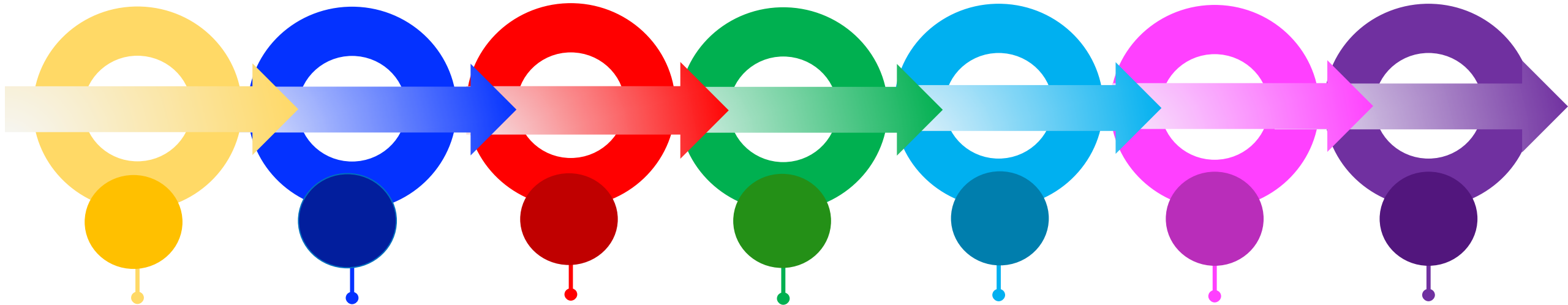
Production

Maintenance

Metallurgy

Engineering

Management



Inmate Population

Entry Level

Entry Level

Advanced Entry Level

College Entry

College Entry

Experienced

# Steel Industry



# State Overview

## Higher Education

11

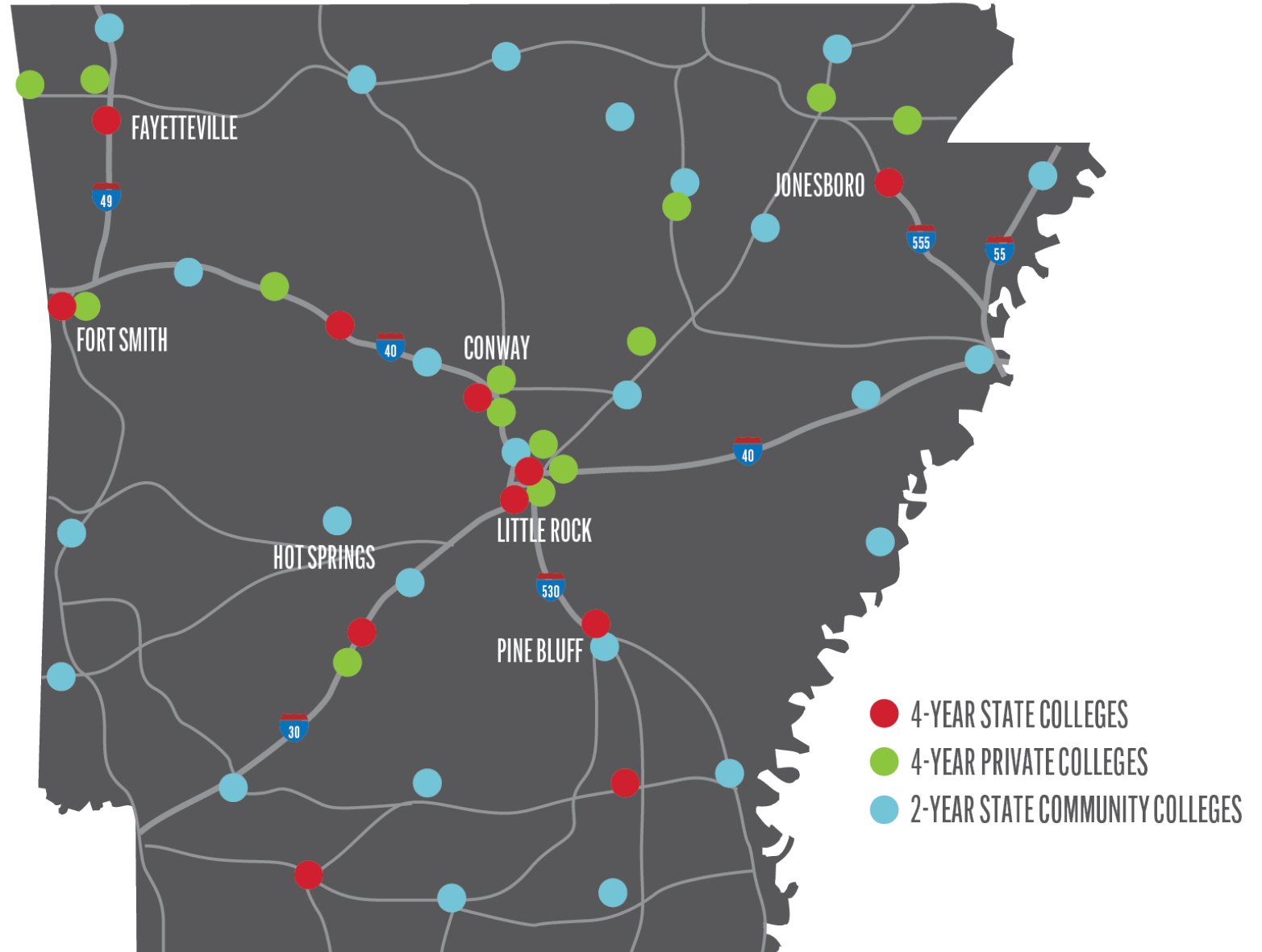
4-YEAR STATE COLLEGES

14

4-YEAR PRIVATE COLLEGES

25

2-YEAR STATE  
COMMUNITY COLLEGES



# Agriculture (Advanced) Programs



Forestry

Poultry

Food Manuf

Row Crops

Power Equip

Fish

Natural Resource

## Logging and Sawmill

**Duties:** Provide

**Training:** 4-10 week  
program

## Live and Processing

**Duties:** provide

**Training:** On-the-Job

## P

**Duties:** assist

**Training:** On-the-Job

## M

**Duties:** Admini

**Training:** 100 hours &  
exam

## L

**Duties:** Provide

**Training:** 1

## R

**Duties:** Provi

**Training:** A

## B

**Duties:** Provide

**Training:** R



# THE ARKANSAS WOOD BASKET BY THE NUMBERS:

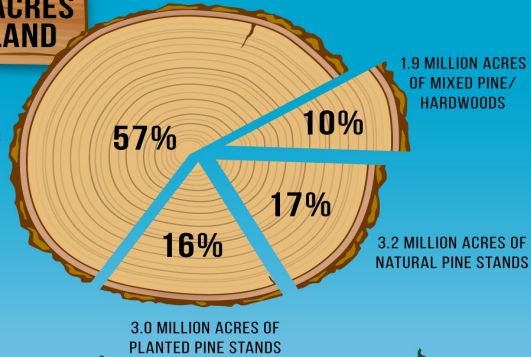
**19 MILLION**  
TOTAL ACRES OF FORESTLAND

**56%**  
OF THE STATE'S  
TOTAL LAND AREA

**19 MILLION ACRES  
OF FORESTLAND**

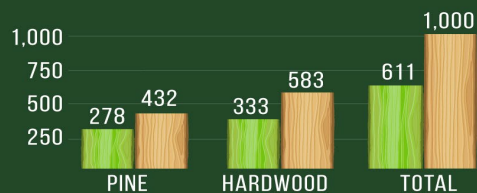
10.8 MILLION ACRES  
OF HARDWOODS

ARKANSAS  
INC



**FOREST VOLUME  
INCREASE**

IN MILLIONS OF TONS 1978 2016



**1 IN 14**  
OF ALL ARKANSAS  
OWN FORESTLAND

ARKANSAS HAS  
**214,000**  
FAMILY FOREST  
LANDOWNERS

FAMILIES OWN  
**58%**  
OF PRIVATELY  
HELD LAND.

**20%**  
PUBLIC  
3.7 MILLION  
ACRES

**FORESTLAND  
OWNERSHIP**

## Largest Food & Beverage Companies In Arkansas

(Companies with employees of over 200 in the state)



COMPANY	CITY
1 Boar's Head Provisions Co., Inc.	Forrest City
2 Butterball, LLC	Multiple locations
3 Cargill Turkeys & Cooked Meats	Springdale
4 Cobb-Vantress, Inc.	Siloam Springs
5 Conagra Brands, Inc.	Russellville
6 De Wafelbakkers, LLC	North Little Rock
7 Flowers Baking Co., Of Batesville, LLC	Batesville
8 Frito-Lay North America, Inc.	Jonesboro
9 George's, Inc.	Springdale
10 Gerber Products Co.	Multiple locations
11 Hiland Dairy	Multiple locations
12 Hiram Walker/Pernod Ricard USA	Fort Smith
13 Kraft Heinz Co., Planters Div.	Fort Smith
14 Land O'Frost, Inc.	Searcy
15 Mars Pet Care U.S., Inc.	Multiple locations
16 McKee Foods Corp.	Gentry
17 Nestle' U. S. A., Inc., Prepared Foods Co.	Jonesboro

COMPANY	CITY
18 Ozark Mountain Poultry, Inc.	Rogers
19 Peco Foods, Inc.	Multiple locations
20 Pepper Source Ltd.	Multiple locations
21 Pilgrim's Pride Corp.	Multiple locations
22 Pinnacle Foods Group, LLC	Fayetteville
23 Post Foods, LLC	Jonesboro
24 Producers Rice Mill, Inc.	Multiple locations
25 Riceland Foods, Inc.	Multiple locations
26 Shearer's Foods, LLC	Newport
27 Simmons Foods, Inc.	Multiple locations
28 Southern Bakeries, LLC	Hope
29 Tyson Chicken, Inc.	Multiple locations
30 Tyson Foods, Inc.	Multiple locations
31 Tyson Fresh Meats, Inc.	Dardanelle
32 Tyson Mexican Original, Inc.	Fayetteville
33 Wayne Farms, LLC	Danville

Source: Arkansas Economic  
Development Commission  
07.2018



# Broadband Programs



Fiber Optics

Networking

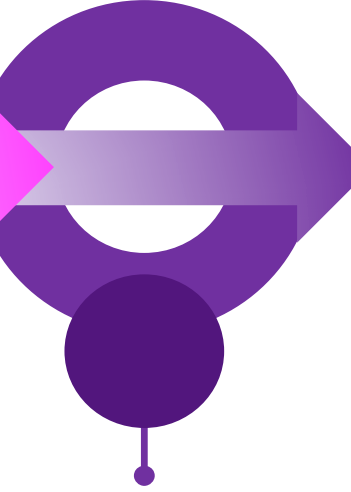
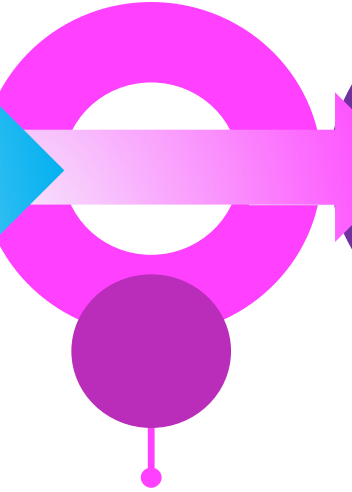
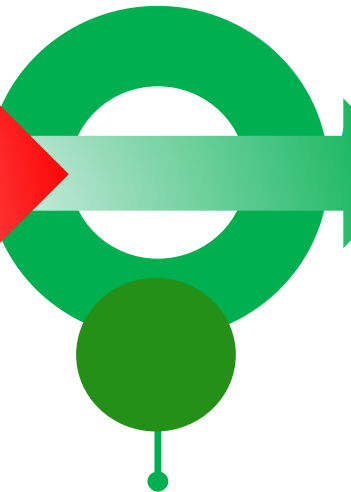
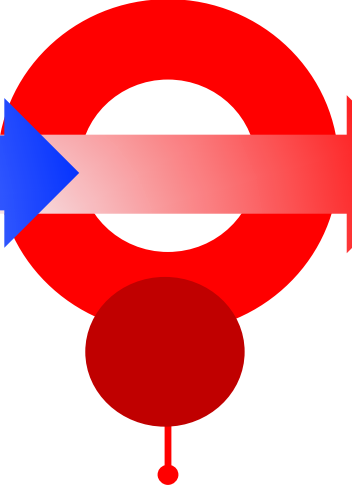
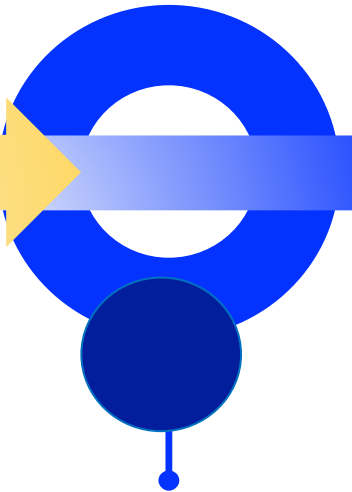
Cabling

Directional

Above Ground

Tower

Infrastructure



## Fiber Optics Fundamentals

**Duties:** Provide  
**Training:** 4-10 week program

## Networking

**Duties:** provide  
**Training:** On-the-Job

## Cabling and Splicing

**3 Rivers**  
**Duties:** assist  
**Training:** On-the-Job

## Directional Boring and Underground

**UACCM**  
**Duties:** Admini  
**Training:** 100 hours & exam

## Lines and Poles

**UA Cossatot**  
**Duties:** Provide  
**Training:** 1 year training program & exam

## Aerial Tower

**ASU**  
**Duties:** Provide  
**Training:** AA degree, with 2-year program & exam

## Infrastructure

**Duties:** P  
**Training:** plus a Bachelor's degree



# Construction Programs



Safety

Residential

Plumbing

HVAC

Electrical

Commercial

Industrial

## Construction Safety

**Duties:** Provide  
**Training:** 4-10 week  
program

## Concrete and Carpentry

**Duties:** provide  
**Training:** On-the-Job

## Plumbing

**Duties:** assist  
**Training:** On-the-Job

## Heating, Ventilation, and Air Conditioning

**Duties:** Admin  
  
**Training:** 100 hours &  
exam

## Electrical

**Duties:** Provide  
**Training:** 1 year training  
program & exam

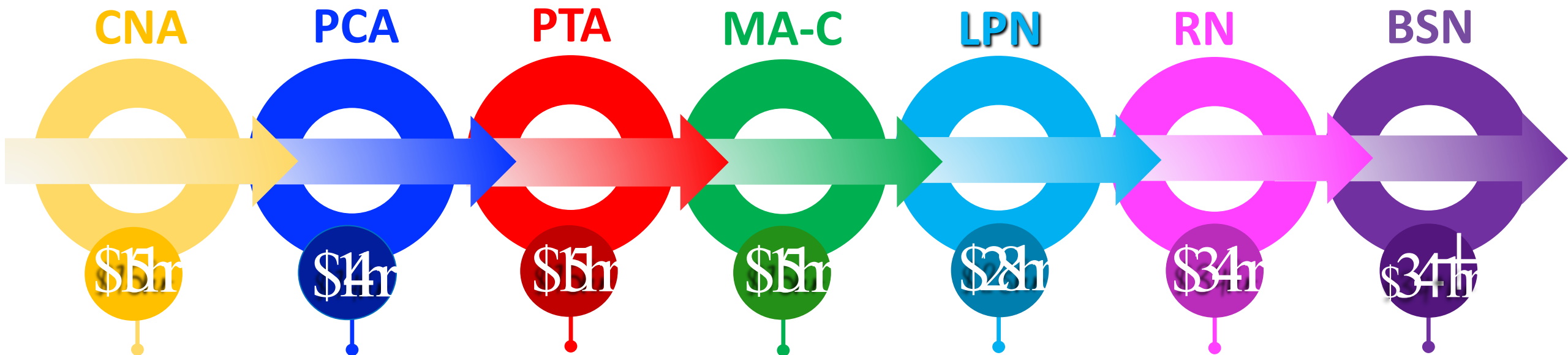
## Steel Erection

**Duties:** Provide  
**Training:** AA

## Steel and Modular Erection

**Duties:** Provide  
  
**Training:** plus a  
Bachelor's degree

# Healthcare Programs



## Certified Nursing Assistant

**Duties:** Provide or assist with basic care or support transportation, helping with patient hygiene, feeding, & medication

**Training:** 4-10 week program

## Patient Care Assistant

**Duties:** provide basic care to patients: checking vitals, helping with walking & bathing, and feeding and personal care  
No medical care

**Training:** On-the-Job

## Patient Tech Assistant

**Duties:** assist in taking vital and labs, serving meals & monitoring eating, transportation, getting in and out of bed, and keeping the patient comfortable

**Training:** On-the-Job

## Medication Assistant-Certified

**Duties:** Administers medications, under LNP guidance in long-term and skilled nursing facilities

**Training:** 100 hours & exam

## Licensed Practical Nurse

**Duties:** Provide care, observe patients' health, assisting doctors/RNs with patients & families, and patient histories

**Training:** 1 year training program & exam

## Registered Nurse

**Duties:** Provide direct patient care  
**Training:** Apprenticeship or AA degree, w/ 2-year nursing program & exam

## Bachelor of Science in Nursing

**Duties:** Provide direct patient care and coordinate on their care & education  
**Training:** RN plus a Bachelor's degree

# Leadership and IT Programs

IT

Entrepreneurship

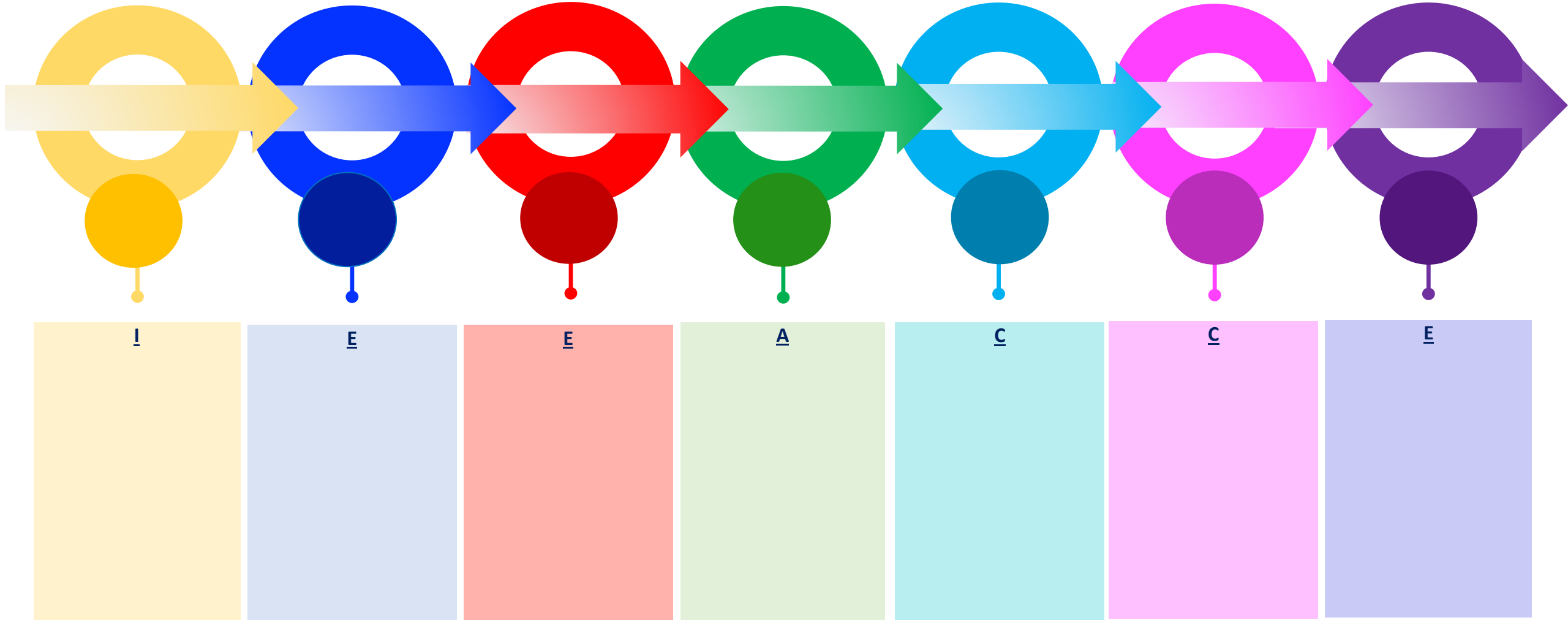
Supervisory

Supply Chain

Finance

Marketing

Cyber Security



# Parks, Heritage and Tourism Programs

Trails

Outdoor

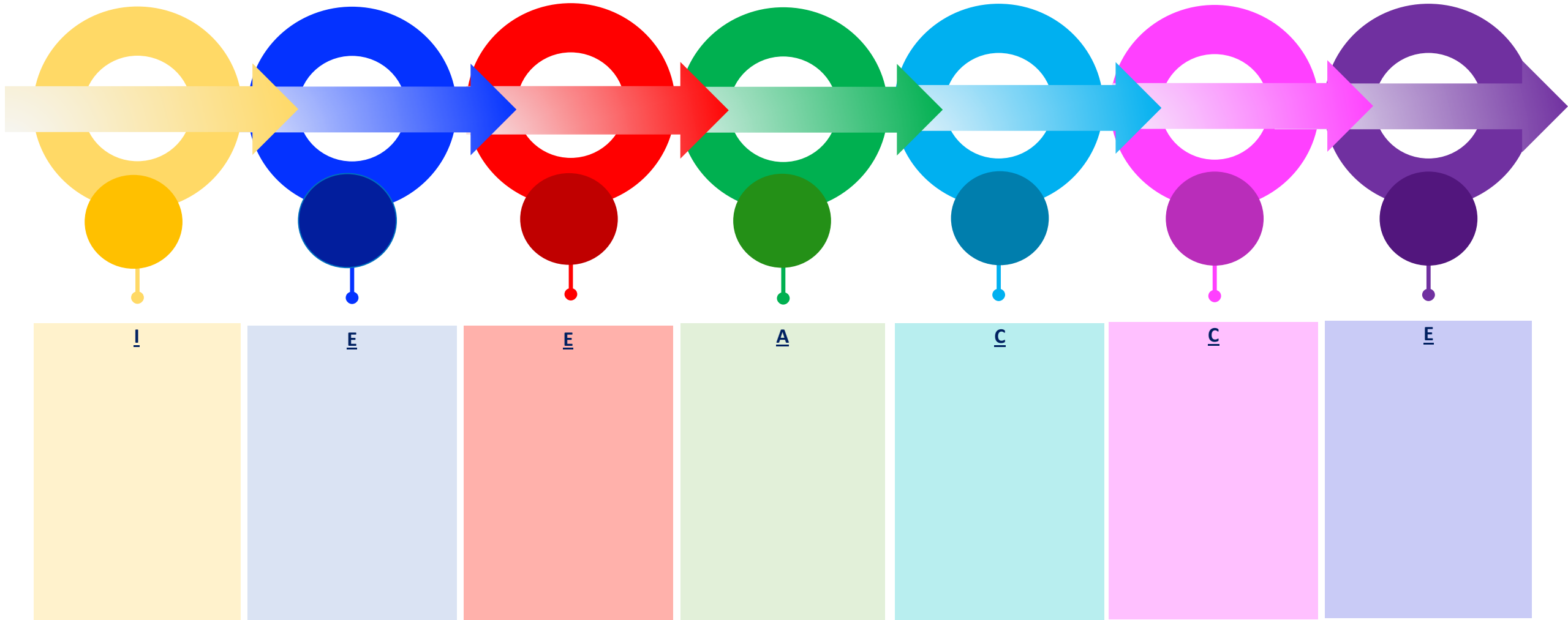
Bike

Hospitality

Culinary

Marine

Management



# Transportation Programs



Auto Tech

Diesel Tech

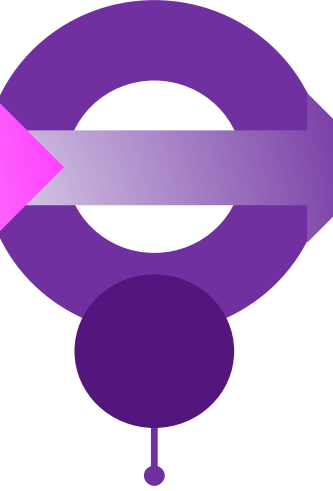
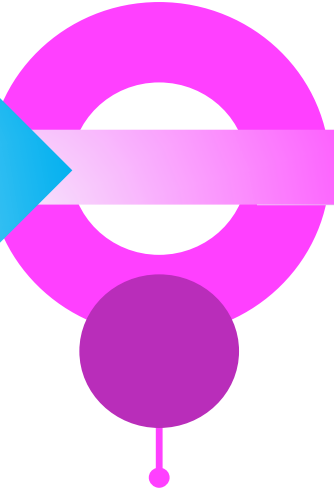
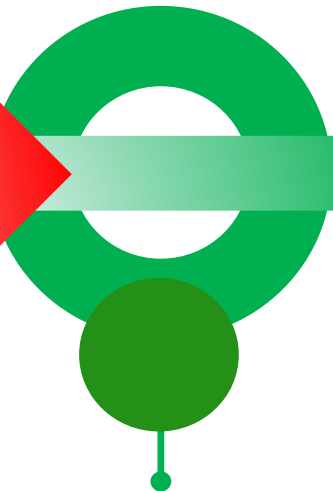
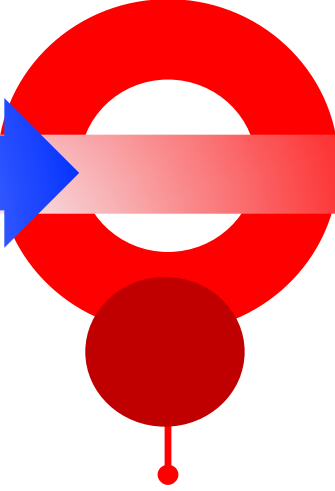
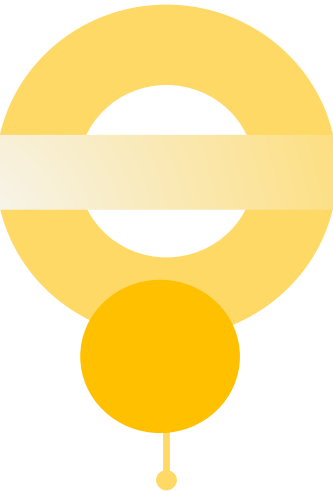
Intra-State CDL

CDL

Rail

Port

Logistics



Automotive Technician

Diesel Technician

In State CDL

Interstate CDL

Railway

Waterway

Logistics

# Utility Programs

Hydro-Electric

Nuclear Elect

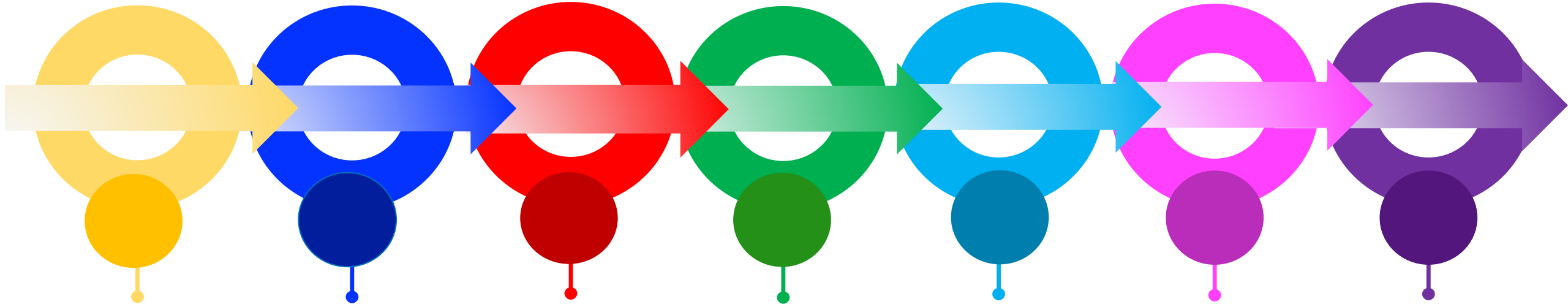
Water

Sewer/Waste

Landfill

Natural Gas

Telephone



A

D

I

O

R

W

L

# Other Key Area Programs



Education

Entrepreneur

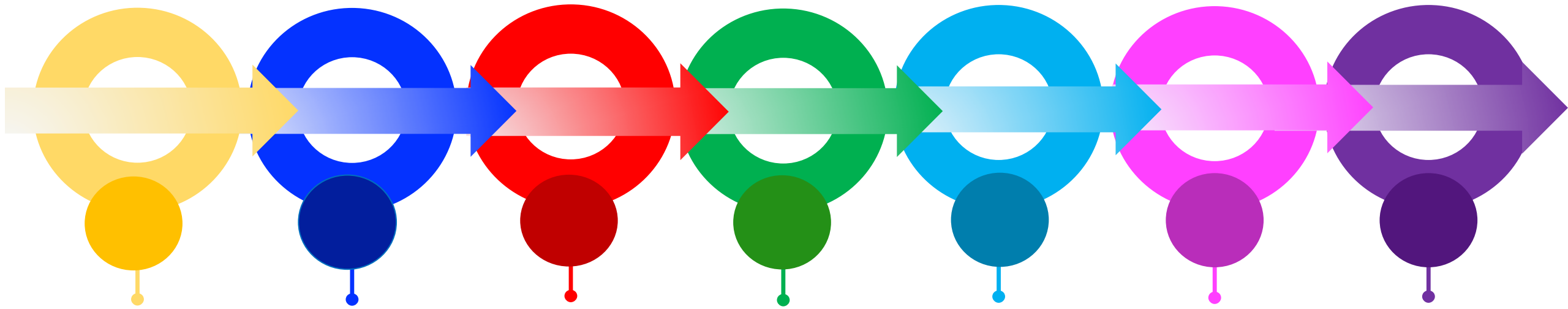
Correctional

Law Enforcement

EMT/Para/Fire

Engineering

Leadership



A

D

I

O

R

W

L