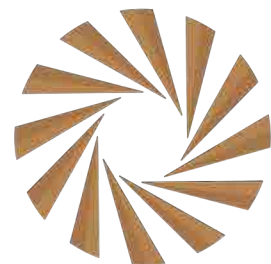
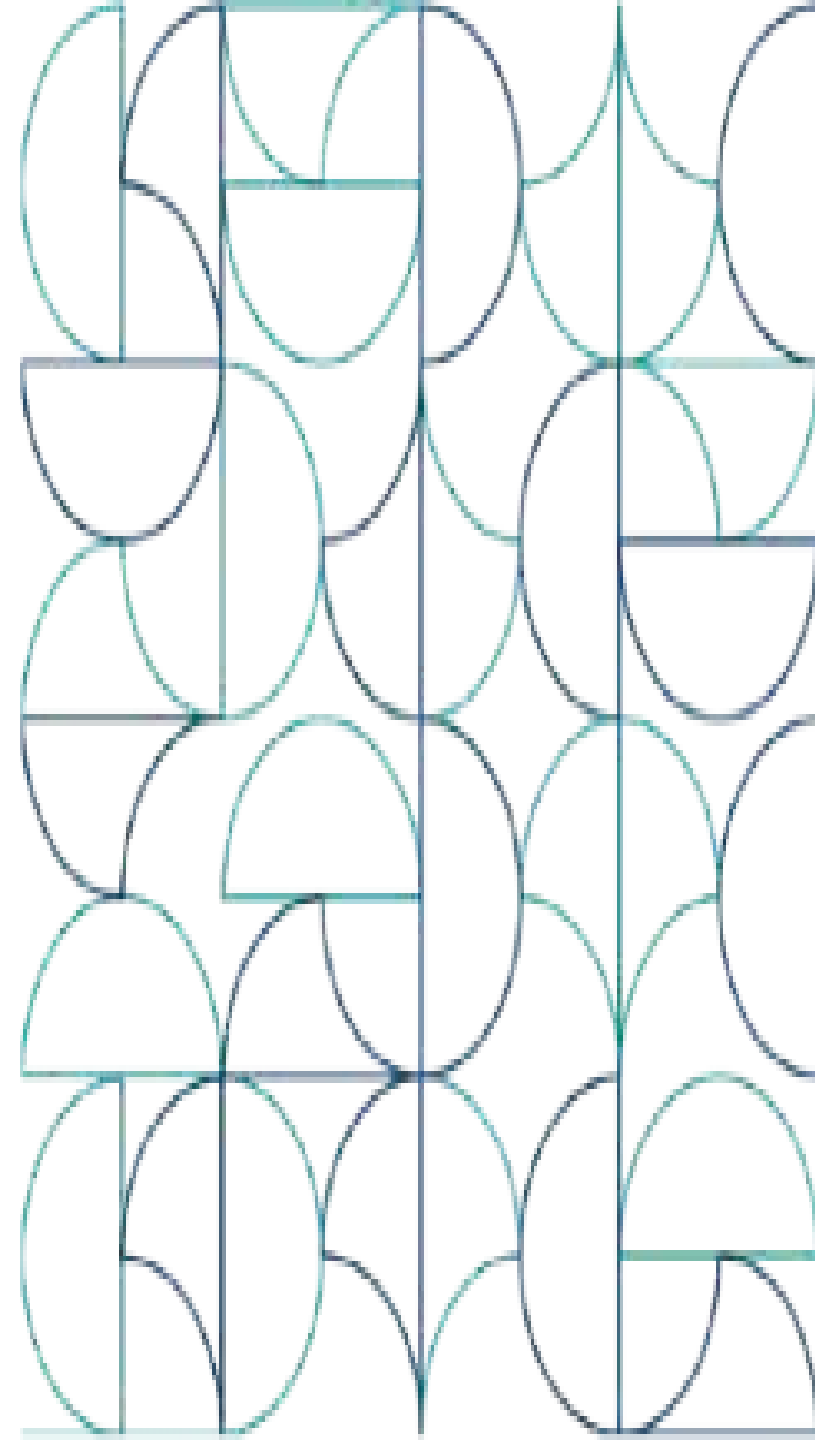


# Credential Engine & UNITE-LA: Clear Data To Power Better Decisions for the Los Angeles Region

| June, 2020



Credential  
Engine™





# About Credential Engine

- **Who We Are**

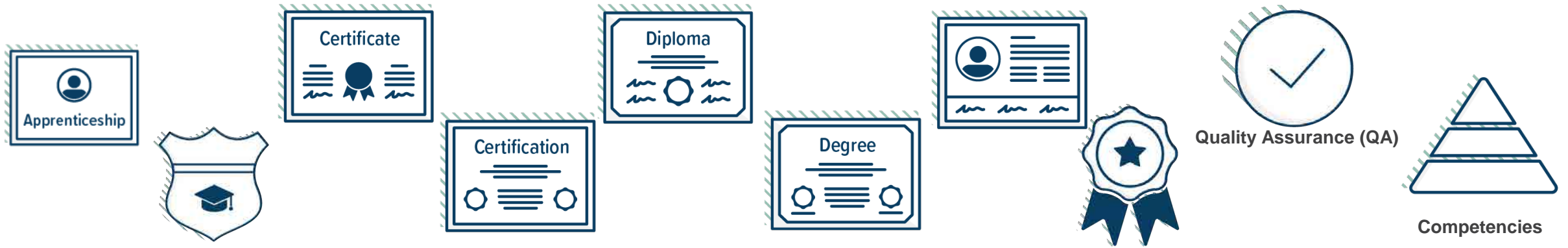
- Non-profit
- Community built
- Data Driven
- Mission oriented around credential transparency

- **What We Do**

- Provide common infrastructures
- Leverage a common language
- Build and mobilize partnerships
- Develop and support open technology



# The Education & Workforce Marketplace Is Complex & Opaque



- Over 738,000 credentials offered in the U.S. across 17 separate types
- ~40,000 credential providers
- In Los Angeles, over 11,000 credentials from at least 230 providers
- Educators, Policymakers, Employers, and the General Public struggle to evaluate:
  - content
  - learning outcomes
  - quality
  - connections to other education opportunities
  - connections to careers
  - interoperability between data systems
- Before Credential Engine, no common language to describe or compare credentials and competencies



# Transparency Leads To Transformation

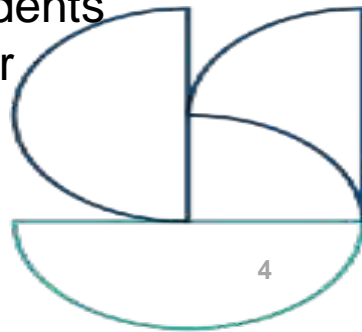
- When data is in...

- a common language...
- a common format...
- AND openly accessible...

...We can **transform** understanding, use, and value of the education and workforce system

- With this infrastructure, you will be able to

- Speak the same language, ensuring that employers find talent from your programs and work together to build credentials that meet their needs
- Clearly communicate value by demonstrating how programs connect to additional credentials and/or lead to successful careers
- Improve credential literacy so that employers, guidance counselors, and prospective students can understand the benefits of an institution's credentials and pick the one that is best for them - leading to increased enrollment and completion
- Increase the ability to be found by major internet search engines
- Help determine best practices for what should go into building credentials



# Certificate in Pharmacy Technician

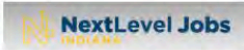
Ivy Tech Community College of Indiana  
Certificate

## Basic Info

Connect to this Credential

### About this Credential

A program that prepares individuals, under the supervision of pharmacists, to prepare medications, provide medications and related assistance to patients, and manage pharmacy clinical and business operations. Includes instruction in medical and pharmaceutical terminology, principles of pharmacology and pharmaceuticals, drug identification, pharmacy laboratory procedures, prescription interpretation, patient communication and education, safety procedures, record-keeping, measurement and testing techniques, pharmacy business operations, prescription preparation, logistics and dispensing operations, and applicable standards and regulations.



As part of Governor Holcomb's Next Level Jobs initiative, the Workforce Ready Grant program provides free training for working-age Hoosiers in the state's highest demand jobs. These industries have higher median salaried jobs and are rapidly growing in Indiana - including Advanced Manufacturing, Building & Construction, Health & Life Sciences, Information Technology & Business Services, and Transportation & Logistics. For more information, please refer to <https://www.nextleveljobs.org/job-Seeker/Available-Job-Training>

### Estimated Time to Complete Required Learning Opportunities

Certificate in Pharmacy Technician
Estimated: 8 months
Completed in two semesters (21 credit hours)

### Credential Status Type

Active

### Credential Type

Certificate

### Learning Delivery Type

In-Person Online Only

### Audience Levels

Secondary School or Equivalent

### Subjects

- Anatomy
- Anatomy and Physiology
- Health Care
- Medical Terminology
- Pharmacokinetics
- Pharmacology for Health Care Support
- Pharmacy
- Pharmacy Technician
- Pharmacy Technician Experiential Seminar
- Physiology
- Prescription Safety

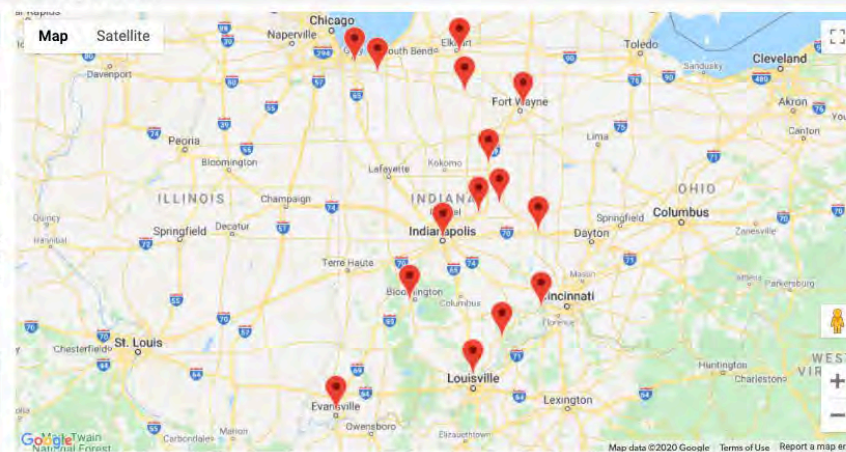
### Occupations

- Healthcare Practitioners and Technical Workers, All Other (29-9099.00)
- Midwives (29-9099.01)
- Pharmacists (29-1051.00)
- Pharmacy Technicians (29-2052.00)

### Industries

- Health Care and Social Assistance (62)
- Hospitals (622)
- Offices of Other Health Practitioners (6213)
- Retail

## Location Info



- 104 W. 53rd Street, Anderson, Indiana 46013-1502, United States
- 3501 N. First Avenue, Evansville, Indiana 47710, United States
- 3701 Dean Drive, Fort Wayne, Indiana 46835, United States
- 1440 E. 35th Av. , Gary, Indiana 46131, United States
- 50 West Fall Creek Parkway, North Drive, Indianapolis, Indiana 46208-5752, United States
- 50 Walnut Street, Lawrenceburg, Indiana 47025-1836, United States
- 590 Ivy Tech Drive, Madison, Indiana 47250, United States
- 261 S. Commerce Drive, Marion, Indiana 46953, United States
- 4301 South Cowan Road, Muncie, Indiana 47302, United States
- 2257 Chester Blvd, Richmond, Indiana 47374, United States

## More Info

### Competencies

90 Teaches 90 Competencies

### Connections

1 Preparation For 1 Credential

1 Has 1 Common Condition

### Quality Assurance

1 Quality Assurance

3 Owner's Quality Assurance

### Requirements and Recommendations

1 Requires 1 Learning Opportunity

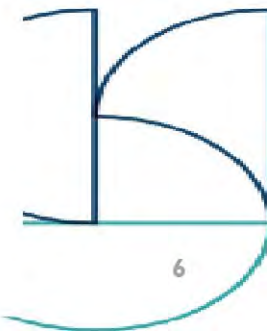
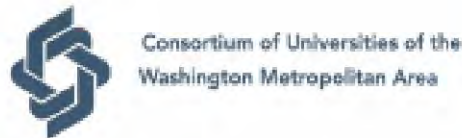
### Estimated Costs

2 Costs

1 Learning Opportunity Cost



# Collective Impact





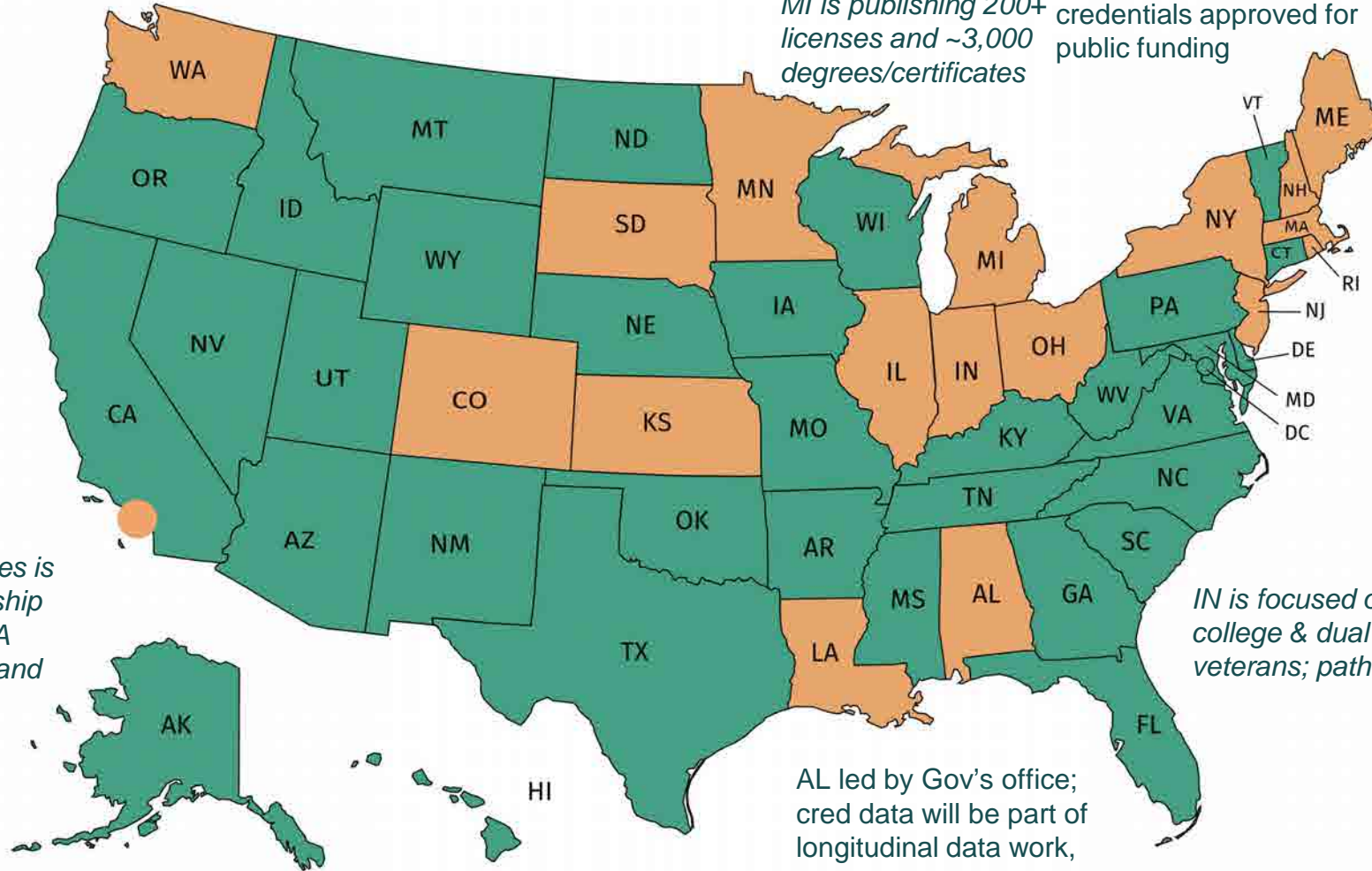
# Current State Partners

## States own their use cases

*WA integrating with and extending Career Bridge and will cover 6,800+ credentials*

*Colorado is working to publish/improve ETPL and pathways tools through development of a single canonical source of credential data in the State*

*Los Angeles is in partnership with the LA Chamber and UNITE LA*



*MI is publishing 200+ licenses and ~3,000 degrees/certificates*

*Ohio has published 4,600+ credentials, and is expanding to include a platform to show credentials approved for public funding*

*Kansas has published 2,400+ through Regents and now adding accreditation data*

*AL led by Gov's office; cred data will be part of longitudinal data work, digital backpacks, employer signaling, new ETPL tools, and response to Covid-19.*

**In the Works:**  
*MD, CT, CA  
PA, WV, KY,  
TN, FL, ...*

*The New England states working on publishing healthcare, financial services, IT*

*NJ is overhauling much of their state data systems and using CTDL as the common language for all credential data, as well as integrating into their ETPLs, and building a consumer decision tool*

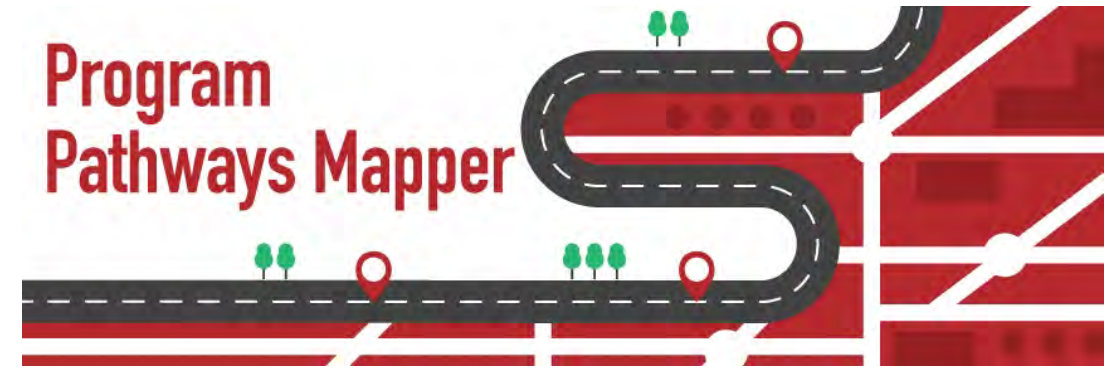
*IN is focused on e-transcript; early college & dual credit; articulation; veterans; pathways; ...*





# Connecting Existing Initiatives in California

**COLLEGENEXT**   
REGIONAL PARTNERSHIPS TO INCREASE  
COLLEGE SUCCESS AND CAREER READINESS



COMMUNITY COLLEGES  
OF LOS ANGELES



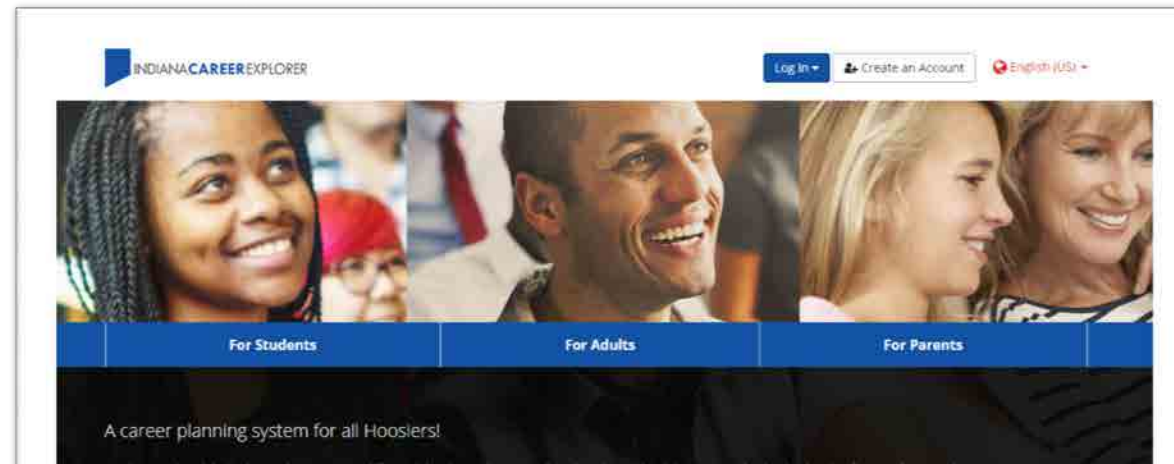
CALIFORNIA  
Data System





# Use case #1: secondary schools (high schools, dual credit programs and career exploration)

- ▶ High School Early College Programs
  - ▶ *Starting with 31 high schools endorsed by CHE and Center for Excellence in Leadership of Learning (CELL)*
  - ▶ *Connection to postsecondary credentials*
- ▶ Working with existing and future career exploration software vendors to use data in the Credential Registry





# Emerging Focus Areas Include....

- Responding to Covid-19
  - NSF-funded work in New York State
  - National Healthcare Credentials and Competencies Repository, including short-term and online
  - Revealing competencies, pathways, and outcomes to help students and workers navigate back to work
- Comprehensive Learner / Interoperable Learning Records (CLR/ILR) work coming out of projects at the White House, IMS Global / AACRAO, states, IBM, SAP, WalMart, ...
- Publishing ACE's credit recommendations library of corporate and military credentials / badges to describe transfer value
- Aligned with state efforts to better use data to identify credentials of value, especially against state attainment goals, and in SLDS
- Making open and machine actionable the links between skills/competencies, credentials, and jobs – and using O\*NET occupational frameworks in CTDL schema
- Publishing data elements to improve pathways and navigation tools and services





# CTDL Enriches Learner Records

Olivia Hafez  
Licensed Pharmacy Technician

Credentials Jobs Community Service

- ✓ Pharmacy Technician License
- ✓ Professional Development MicroCredential  
(3) Skills
- ✓ Certificate in Pharmacy Technician  
(90) Competencies
- ✓ Applied Communications Badge  
(10) Competencies
- ✓ High School Diploma  
(1,000) Competencies

Olivia Hafez  
Licensed Pharmacy Technician

Credentials Jobs Community Service

✓ Certificate in Pharmacy Technician  
Ivy Tech Community College of Indiana

A program that prepares individuals, under the supervision of pharmacists, to prepare medications, provide medications and related assistance to patients, and manage pharmacy clinical and business operations. Read more.

Instructional Program 51805  
Estimated Time to Complete 8 months  
Completed in two semesters (21 credit hours)

Credential Status (Active)  
(90) Competencies

- (1) Quality Assurance Received
- (1) Prepares for Other Credentials
- (12) Locations
- (2) Learning Delivery Type
- (1) Audience Levels
- (11) Subjects

Olivia Hafez  
Licensed Pharmacy Technician

Credentials Jobs Community Service

✓ Certificate in Pharmacy Technician  
Ivy Tech Community College of Indiana

**(90) Competencies**

Differentiate among different therapeutic classes of drugs.

Differentiate among various dosage forms (e.g. tablets versus capsules, ointments versus creams, controlled-release versus immediate-release, parenteral versus oral).

Match commonly used over-the-counter products with their most common indications.

Interpret what is represented by each of the three components of an NDC number.

Ensure all work performed by the technician is checked by the pharmacist.

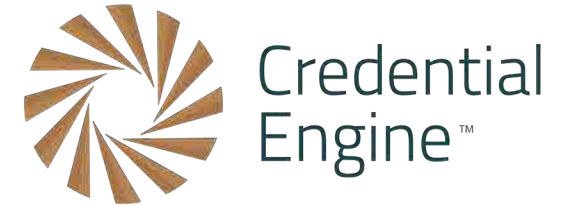
Identify medication prescribing and/or use patterns requiring pharmacist intervention.

Differentiate between tasks that may be



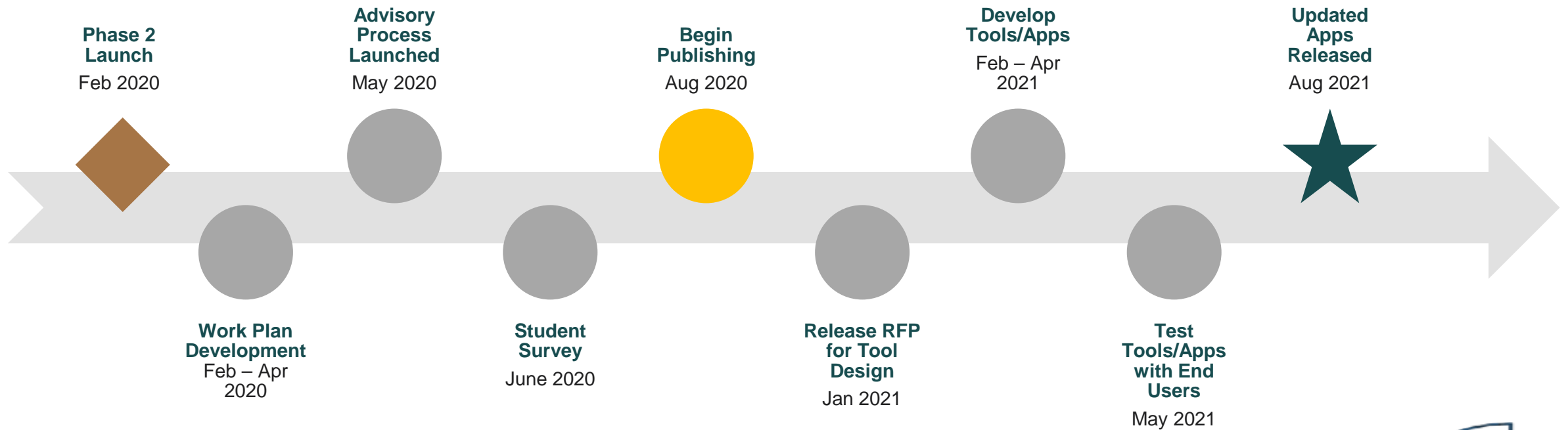


# States Policy Partnership





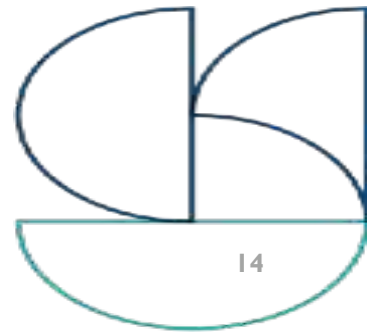
# Credential Engine LA Project Timeline





# A Few Notes...

- Public Service Non-Profit.  
*We believe that full access to linked, open, transparent data is a public good*  
*We are not a “vendor”*
- Open Tools to Publish Data.
- No Fees for Non-Commercial Use.
- Our language is an open, Creative Commons Licensed schema.
- Our role is NOT to define quality, but to provide appropriate ways to have quality described and determined by appropriate entities (i.e. accreditors, state agencies, etc.).
- We do not collect or track individuals or their data.





Credential  
Engine™

## For More Information

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[credentialengine.org](http://credentialengine.org)

Technical Information: [www.credreg.net/](http://www.credreg.net/)

Credential Finder Search App Prototype:  
<http://credentialfinder.org>

