

Credential and Skill Transparency

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Chief Strategy Officer
Credential Engine



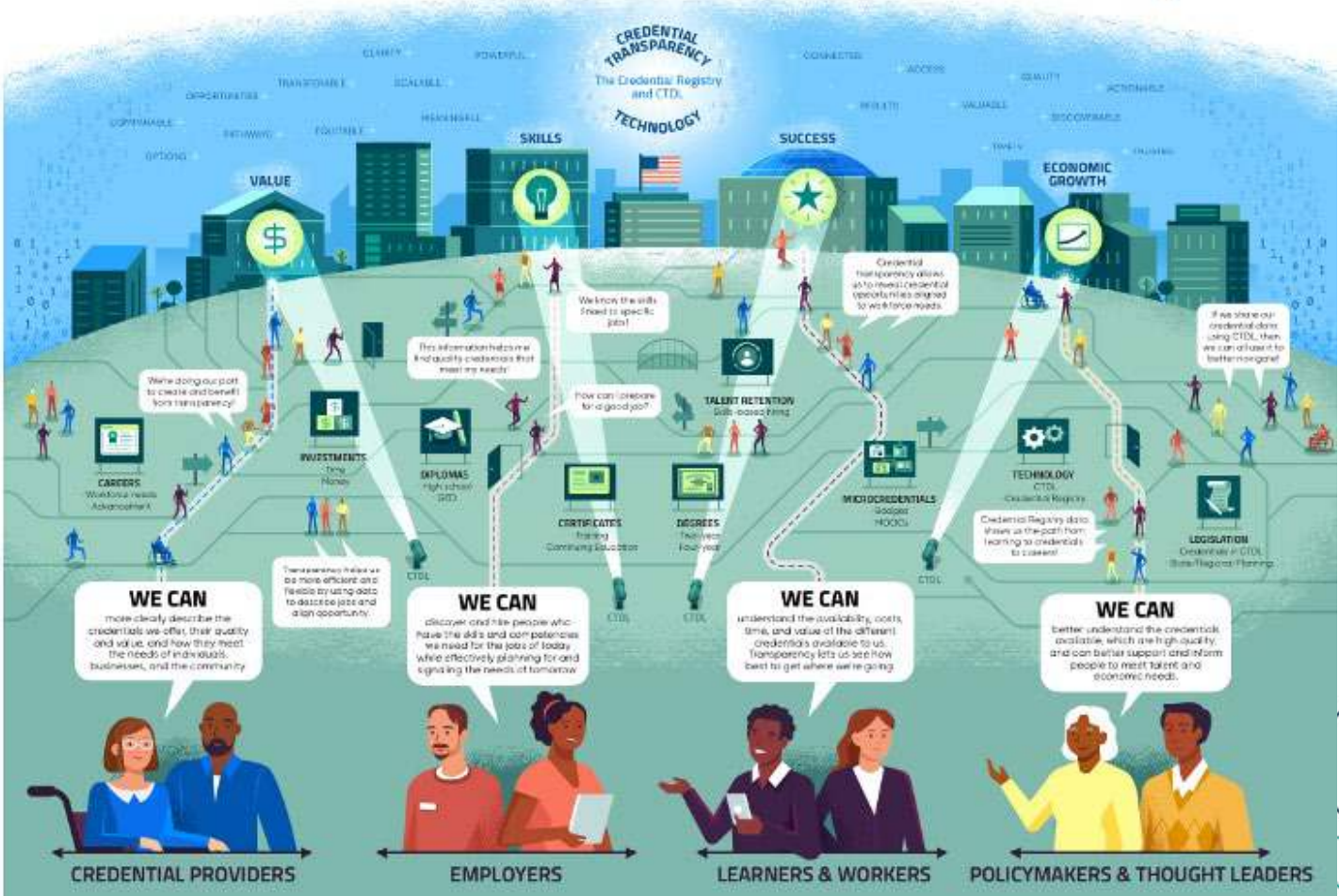
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www.credentialengine.org

Credential Transparency Illuminates Paths to a Better Future



There are 1 million credentials offered in the U.S. With so many to choose from—and without widespread adoption of standards for comparing and evaluating them—people get lost and lose out on opportunity. Together, we and our partners are working to build a linked open data network that everyone can access for timely and trusted information about credentials.



CREDENTIALS

Credentials include diplomas, badges, certifications, licenses, apprenticeships, certificates, and degrees of all types and levels that represent key competencies signaling what a person knows or can do.

WHAT: TRANSPARENCY

Credential transparency makes essential information about credentials and competencies public, easily accessible, and actionable so that credentials can be better understood and pursued based on what it takes to earn them, what they represent, and the jobs they can lead to.

HOW: TECHNOLOGY

Credential transparency is made possible by technology. The **Credential Transparency Description Language (CTDL)** schema allows us to catalog, organize, and compare credentials and related information. Credential data from authoritative sources using CTDL is openly available in the **Credential Registry** for anyone, anytime, anywhere to search and compare credentials.

WHY: PATHWAYS

The easier it is to access and use comparable information about credentials, the easier it is for people to find the most effective paths to learn the right skills and find the best jobs. Credential transparency ensures equitable information about quality pathways to opportunities, makes those pathways discoverable, and empowers individuals along the way.

[Watch the video](#)

WE CAN
 more clearly describe the credentials we offer, their quality and value, and how they meet the needs of individuals, businesses, and the community.

WE CAN
 discover and hire people who have the skills and competencies we need for the jobs of today while effectively planning for and signing the needs of tomorrow.

WE CAN
 understand the quality, costs, time, and value of the different credentials available to us. Transparency lets us see how best to get where we're going.

WE CAN
 better understand the credentials available, which are high quality, and can better support and inform people to meet talent and economic needs.



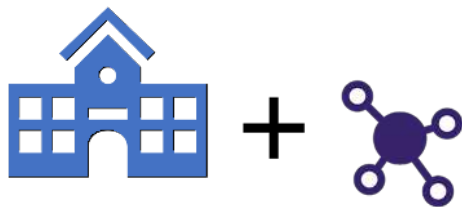
CREDENTIAL PROVIDERS

EMPLOYERS

LEARNERS & WORKERS

POLICYMAKERS & THOUGHT LEADERS

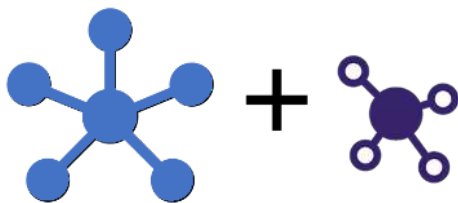




Occupational skills



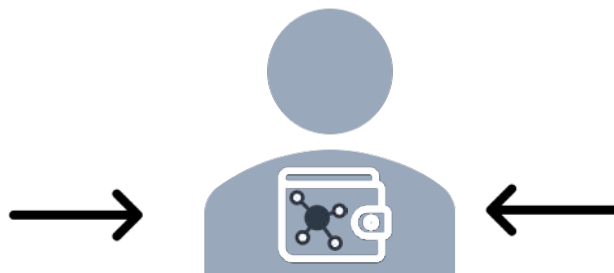
Education and training skills



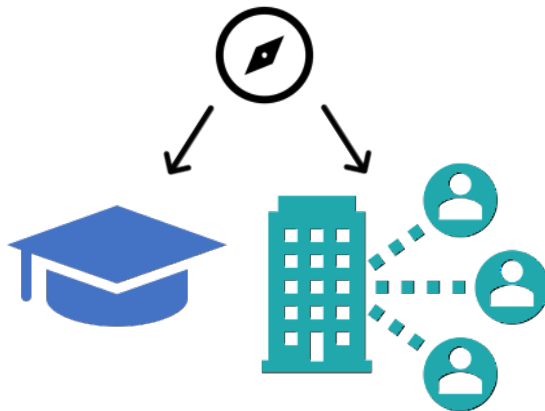
Connected learn and work skills

Open Skills

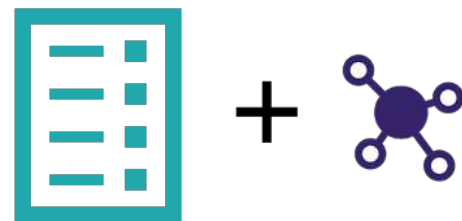
Powering connections in learn and work ecosystems



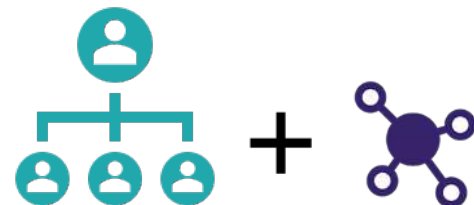
A common skills language for navigation



Digital credentials with skills



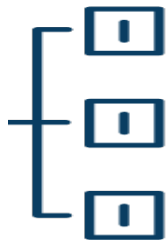
Jobs with skills



Pathways with skills



Open Technologies for Credential Transparency



Credential Transparency Description Language (CTDL)

Linked open data schema that describes over 800 characteristics of credentials, skills, jobs, and providers.



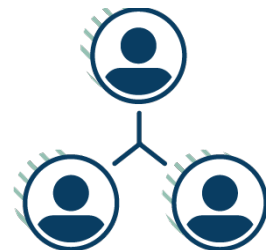
CTDL Publishing Tools

Providers use the API or any of the publishing system tools to convert information to CTDL and publish to the Registry and create globally unique identifiers (CTIDs).



Credential Registry

The Registry collects and connects credential, skill, and job data described with CTDL as a linked open data graph to power tools and applications, including the Credential Finder.



CTDL Linked Open Data & Consuming Tools

Providers use the API or any of the data consuming tools to use CTDL data in the Registry, powering an open applications marketplace.

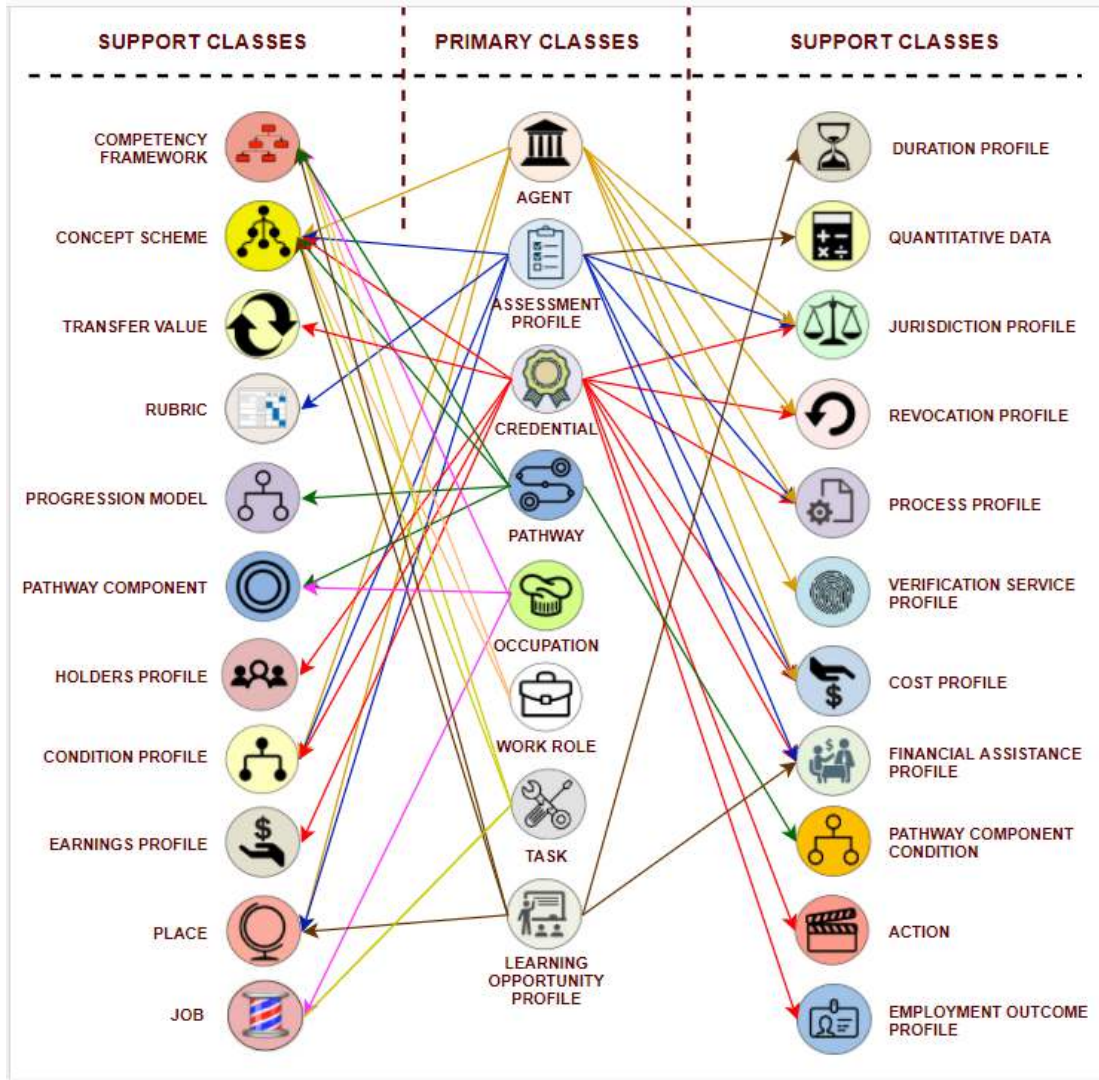
[Technical site: https://credreg.net](https://credreg.net)

Credential Transparency Description Language (CTDL)

An open schema for transparent, meaningful information to build learn and work ecosystems.

A living language of over 800 terms.

- Credentials and qualifications
- Courses
- Knowledge, skills, and abilities
- Jobs and work roles
- Pathways
- Quality indicators
- and much more...





Public, open
CTDL credential
and skill data,
humanly
readable

Certificate Compare

Certificate in Pharmacy Technician

Ivy Tech Community College of Indiana

Last updated: Jan 3, 2022



About this Credential

Basic information about the 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 pharmaceutics, 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>

[View this Credential](#)

[Outcomes Data - External](#)

Credential Type

▼ Certificate 🔍

Credential Status

▼ Active 🔍

Audience Level

▼ Secondary School or Equivalent 🔍

Learning Delivery Type

▼ In-Person 🔍 ▼ Online Only 🔍



Related Organization(s)

Organizations that own, offer, or perform other services related to the Credential

Owned and Offered By

[Ivy Tech Community College of Indiana](#)



Connections

Relationships between the Credential and other data in the Registry

Connections to Registry Data

Is Required For (1)

Preparation From (4)

Is Preparation For (1)

Related Competencies

Teaches 90 Competencies



Occupations and Industries

Career Field information about the Credential

Occupations

Standard Occupational Classification

Healthcare Practitioners and Technical Workers, All Other (29-9099.00) 🔍 📄

Midwives (29-9099.01) 🔍 📄

Pharmacists (29-1051.00) 🔍 📄

Pharmacy Technicians (29-2052.00) 🔍 📄

Industries

North American Industry Classification System

Health Care and Social Assistance (62) 🔍 📄

Unknown Framework

Retail 🔍





Machine - readable linked open CTDL data

Registry Information

CTID: ce-99b0bd81-df21-4b2f-a746-af18c817a4b0

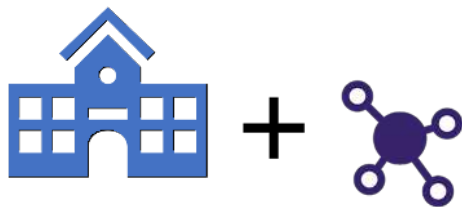
Envelope: [333c33af-beec-4da2-a4c0-ae2def9bfbe9](#)

Resource: [View in Registry](#)

Raw Metadata

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  "@graph": [
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      },
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        "6213",
        "622"
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          "NextLevel"
        ]
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      "ceterms:ownedBy": [
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      ],
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```

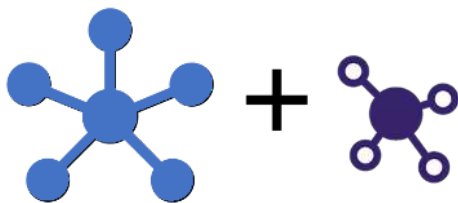




Occupational skills



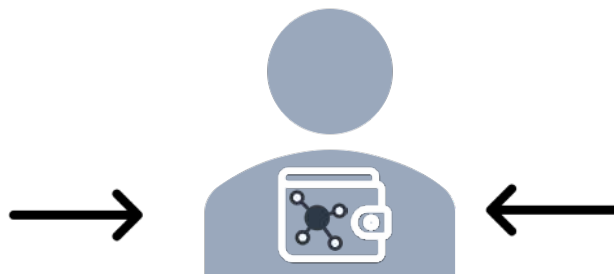
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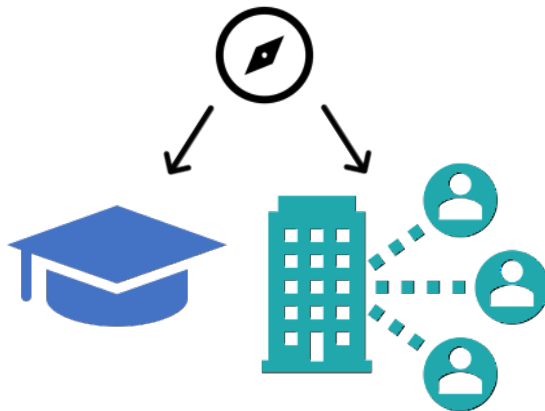
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Open Skills

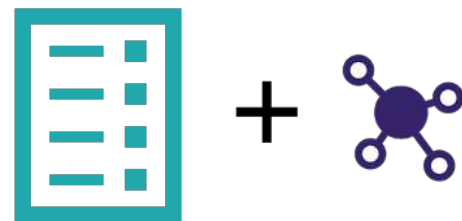
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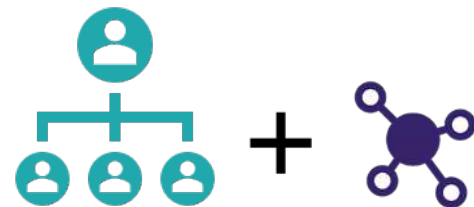
A common skills language for navigation




Digital credentials with skills



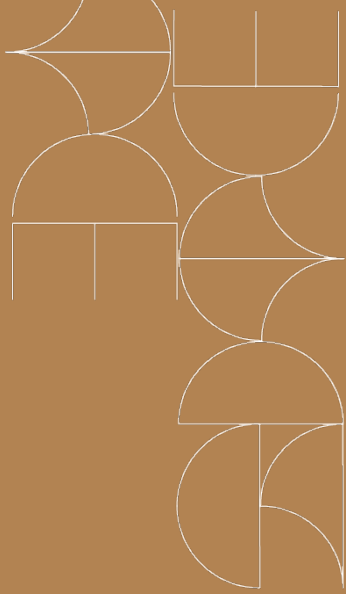
Jobs with skills



Pathways with skills



Together, we're building a linked open data network that everyone can access for timely and trusted information about credentials, qualifications, skills, jobs, pathways, quality indicators, and much more.





For More Information



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Find @CredEngine on Social Media



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