

# Credential Engine

Ms. Jeanne Kitchens  
Southern Illinois University



# Credential Engine



Credential Engine is a non-profit whose mission is to create credential transparency, reveal the credential marketplace, increase credential literacy, and empower everyone to make more informed decisions about credentials and their value.

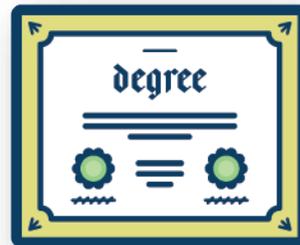


JPMORGAN CHASE & CO.



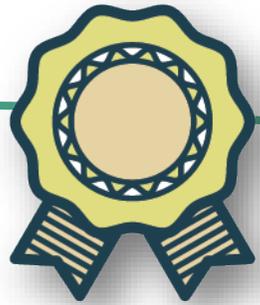
[credentialengine.org](https://credentialengine.org) #bettercreds

Open, transparent, and comparable credential and competency information is beneficial to everyone.



In the U.S. there's well over 300,000 unique credentials.

Students, job seekers, and workers are often unaware of credentials that could be invaluable to their career journey.

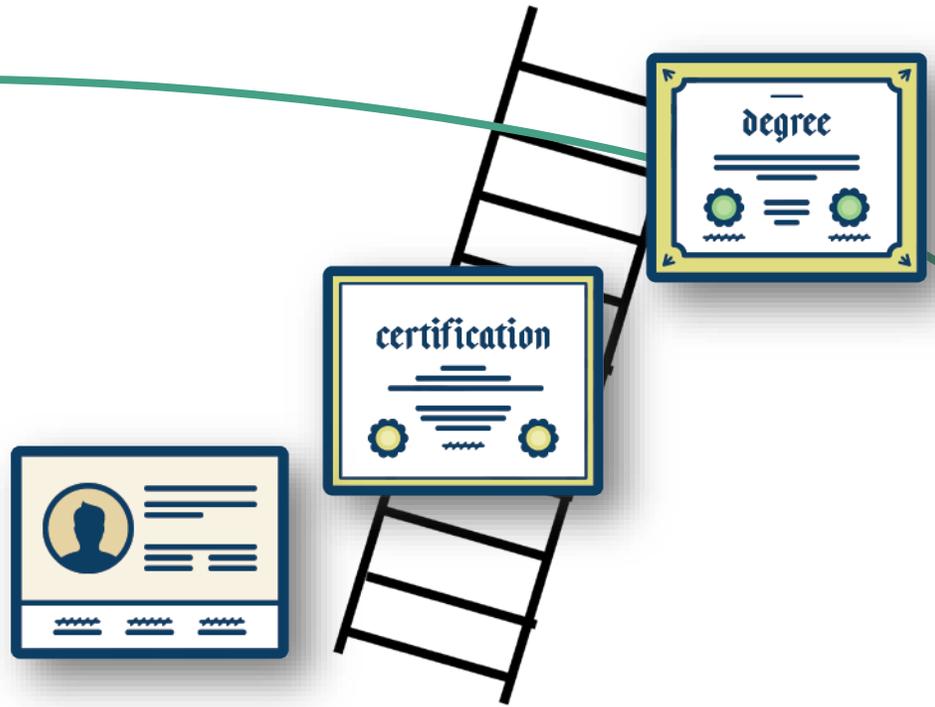




Employers signal their requirements and preferences for credentials and competencies.



Individuals in the military benefit from credentials enabling career pathways and those retiring need to know employer preferences for credentials earned now and in the future.



It's become easy to find and compare online information for travel, products, sports teams, and much more.

Map showing Nashville, TN area with search filters for dates (Mon, Sep 3 to Tue, Sep 4) and various criteria like Price, Rating, and Hotel class.

**Clarion Collection Hotel Arlington Court Suites** \$99  
4.0 ★★★★★ (428) - 3-star hotel  
Casual option with free WiFi & breakfast  
\*Comfy bed and pillows, large and clean rooms and friendly front desk attendants\*

**The Westin Arlington Gateway** \$89  
4.3 ★★★★★ (833) - 4-star hotel  
Upscale hotel with Italian dining  
**DEAL** 40% less than usual

Your location: Nashville, TN

Sort by: DEFAULT | MY SHORTLIST (0)

Price filters: Up to \$20, \$20 - \$45, \$45 - \$80, Over \$80

Use filters: Cell Phone, Tablet Computer, MP3 Player

**50000MAH Power Bank Portable 2 USB Output Interface For All Digital Device** \$19.99 from 2 stores  
★★★★★ 2 product reviews  
Powerful with long operation time. Portable and convenient. High efficiency, long cycle life. Electricity-saving. Use friendly ...  
Powerbank

**Digital LCD Universal Cell Phone Battery Charger USB Port** \$5.95 from eBay - bridge\_wireless  
Description DIGITAL LCD UNIVERSAL BATTERY CHARGER 100% Brand New High Quality New Mobile Universal Battery Charger LCD ...  
Cell Phone

**Branded Portable Phone Charger, Lux, Black, 3350mAh, 10 units** \$136.40 from Express USB Drives  
The Lux Power Bank is a luxurious and stylish promotional gift. The Lux features an LED torch and a supple leather casing that ...  
Powerbank

MLB standings

GAMES NEWS STANDINGS PLAYERS

American League

AL East	W	L	Pct	GB	Home	Away	L10
Red Sox	88	39	.693	-	44-18	44-21	6-4
Yankees	79	46	.632	8.0	45-20	34-26	7-3
Rays	65	61	.516	22.5	36-24	29-37	6-4
Blue Jays	57	69	.452	30.5	31-32	26-37	5-5
Orioles	37	89	.294	50.5	21-40	16-49	2-8

Now try to find comparable credential information online. You'll get thousands of links but you won't get comparable information.

entry level healthcare credentials



All

News

Images

Shopping

Videos

More

Settings

Tools

About 4,050,000 results (0.41 seconds)

### Entry Level Credentialing Jobs, Employment | Indeed.com

<https://www.indeed.com/q-Entry-Level-Credentialing-jobs.html> ▼

Delta-T Group has **Entry Level Healthcare** Workers in the Lewistown PA area. Because this is an **entry level** position, we give you the opportunity to try it out.

### Entry Level Credentialing Specialist Jobs, Employment | Indeed.com

<https://www.indeed.com/q-Entry-Level-Credentialing-Specialist-jobs.html> ▼

80 **Entry Level** Credentialing Specialist jobs available on Indeed.com. Apply to ... **Health Care** Credentialing Specialist ... **Credential** Program Specialist.

### Healthcare jobs you can get without a bachelor's degree

<https://www.bls.gov/opub/btn/.../healthcare-jobs-you-can-get-no-bachelors-degree.ht...> ▼

Nov 23, 2016 - But the **healthcare** field has opportunities for workers with all **levels** of education. ... Occupations have typical pathways for **entry**, but people working in the ... no formal educational **credential** needed to enter the occupation.

### 11 Entry-Level Healthcare Jobs Employers Want to Fill [2018]

<https://www.rasmussen.edu/.../health.../entry-level-healthcare-jobs-little-experience/> ▼

Aug 3, 2018 - To help you get a sense of what's out there, we scoured job postings to round up the top 11 **entry-level healthcare** jobs employers are looking to ...

### What Professional Certifications are Available to Healthcare ...

<https://www.topmastersinhealthcare.com/.../what-professional-certifications-are-availa...> ▼

Certified Revenue Cycle Professional: This **credential** is intended for ... CRCS holders need to be knowledge in **registration** and billing at a specialist **level**.

### Credentialing, Licensing, and Education | NCCIH

<https://nccih.nih.gov/health/decisions/credentialing.htm> ▼

May 14, 2018 - The **credentials** required for complementary **health** practitioners vary widely from state to state and from discipline to discipline.

*Credential Engine is Changing the  
Credentialing Marketplace.*



**Research-Based**



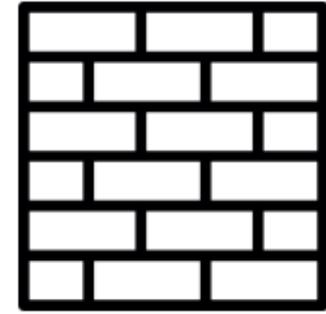
**Easy to Use**



**Open**



**Secure**



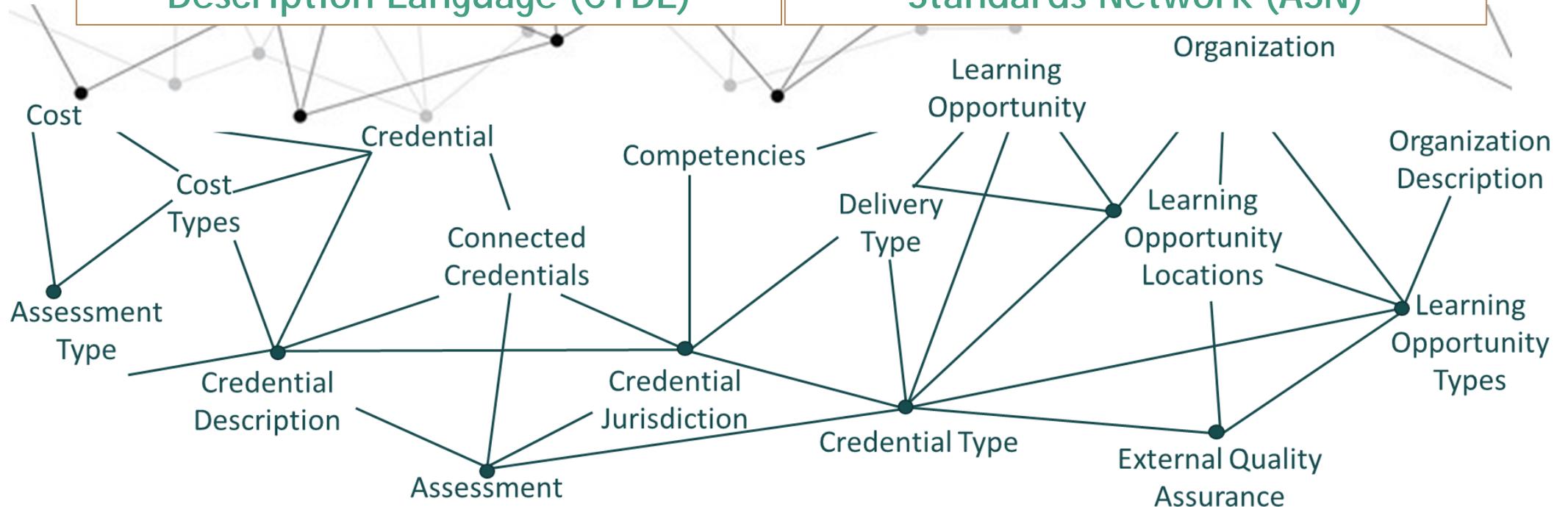
**Reliable**

Making open, advanced technologies available to everyone!

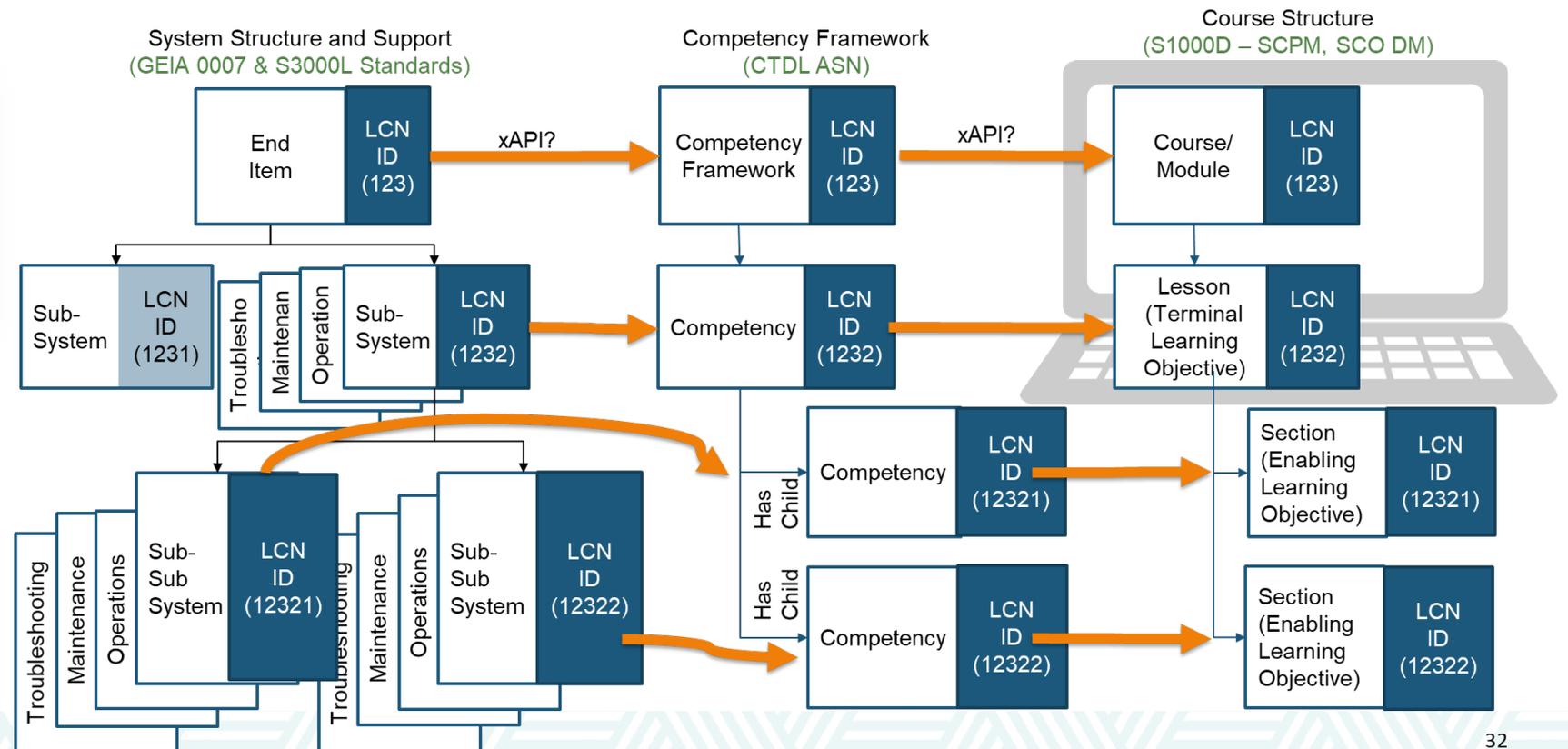
Credential Engine's family of specifications provide terms and a common language for describing credentials and competencies as Linked Open Data.

Credential Transparency  
Description Language (CTDL)

CTDL Achievement  
Standards Network (ASN)



Using Artificial Intelligence, the Navy-Credential Engine CRADA team has now derived competency frameworks into the CTDL-ASN from standards-based maintenance task analysis data.





## Structured data format [↑](#)

This documentation describes which fields are required, recommended, or optional for structured data with special meaning to Google Search. **Most Search structured data uses [schema.org](#) vocabulary**, but you should rely on the documentation on [developers.google.com](#) as definitive for Google Search behavior, rather than the [schema.org](#) documentation. Attributes or objects not described here are not required by Google Search, even if marked as required by [schema.org](#).

Be sure to test your structured data using the [Structured Data Testing tool](#) during development, and the [Search Console Structured Data report](#) after deployment, to monitor the health of your pages, which might break after deployment due to templating or serving issues.

You must include all the required properties for an object to be eligible for appearance in Google Search with enhanced display. In general, defining more recommended features can make it more likely that your information can appear in Search results with enhanced display. **However**, it is more important to supply fewer but complete and accurate recommended

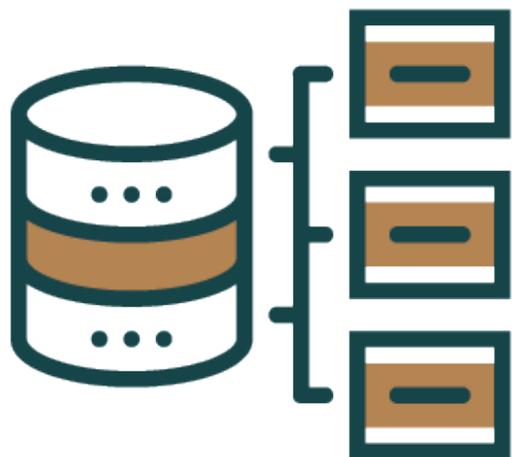
World Wide Web Consortium (W3C) Community Group has proposed new Linked Data based on CTDL for Schema.org.

Google and other major search engines use Schema.org.

- Introduction
- Structured data**
  - About Search features
  - Search feature gallery
  - [Introduction to structured data](#)
  - Enhance your site's attributes
  - Mark up your content items
  - Build, test, & release structured data
  - Structured data general guidelines
  - ▶ Feature guides
- AMP**
  - About AMP
  - Enhance AMP for Search
  - Validate AMP
  - Remove AMP content from Search
  - Integrate with Google products
- Prepare your content**
  - Create quality pages
  - Associate your online resources
  - ▶ Rendering on Google Search
  - Debut your pages

# CE/Technical

The Credential Registry is scalable for national and global use. It's infrastructure for publishing comparable credential, competency and quality information.



## 1. Minimum Data Policy

Approved by the Credential Engine Board of Directors and effective on Sep

### 1.4. Credential Information

#### 1.4.1. Required

Data	CTDL Term(s)	Description
<b>Name</b>	<code>ceterms:name</code>	The name of the resource being described.
<b>Description</b>	<code>ceterms:description</code>	A short description of the resource being described.
<b>Owned By or Offered By</b>	<code>ceterms:ownedBy</code> <code>ceterms:offeredBy</code>	The organization that owns and/or offers the credential.
<b>Credential Type</b>	<code>ceterms:ApprenticeshipCertificate</code> <code>ceterms:AssociateDegree</code> <code>ceterms:BachelorDegree</code> <code>ceterms:Badge</code> <code>ceterms:Certificate</code> <code>ceterms:Certification</code> <code>ceterms:Degree</code> <code>ceterms:DigitalBadge</code> <code>ceterms:Diploma</code> <code>ceterms:DoctoralDegree</code> <code>ceterms:GeneralEducationDevelopment</code> <code>ceterms:JourneymanCertificate</code> <code>ceterms:License</code> <code>ceterms:MasterCertificate</code> <code>ceterms:MasterDegree</code> <code>ceterms:MicroCredential</code> <code>ceterms:OpenBadge</code> <code>ceterms:ProfessionalDoctorate</code> <code>ceterms:QualityAssuranceCredential</code> <code>ceterms:ResearchDoctorate</code> <code>ceterms:SecondarySchoolDiploma</code> (Credential Type is expressed as the class used to publish the data, and is not considered to be a property)	The type of credential being described, including, but not limited to, certificate, certification, degree, and badge.
<b>Credential Status Type</b>	<code>ceterms:credentialStatusType</code>	The status of the credential, such as active, inactive, pending, and superceded.
<b>Subject Webpage</b>	<code>ceterms:subjectWebpage</code>	The web page where the resource being described is located.
<b>CTID</b>	<code>ceterms:ctid</code>	A globally unique credential transparency identifier; the version identifier for the resource.

SmartCatalog®  
ACADEMIC CONTENT MANAGEMENT



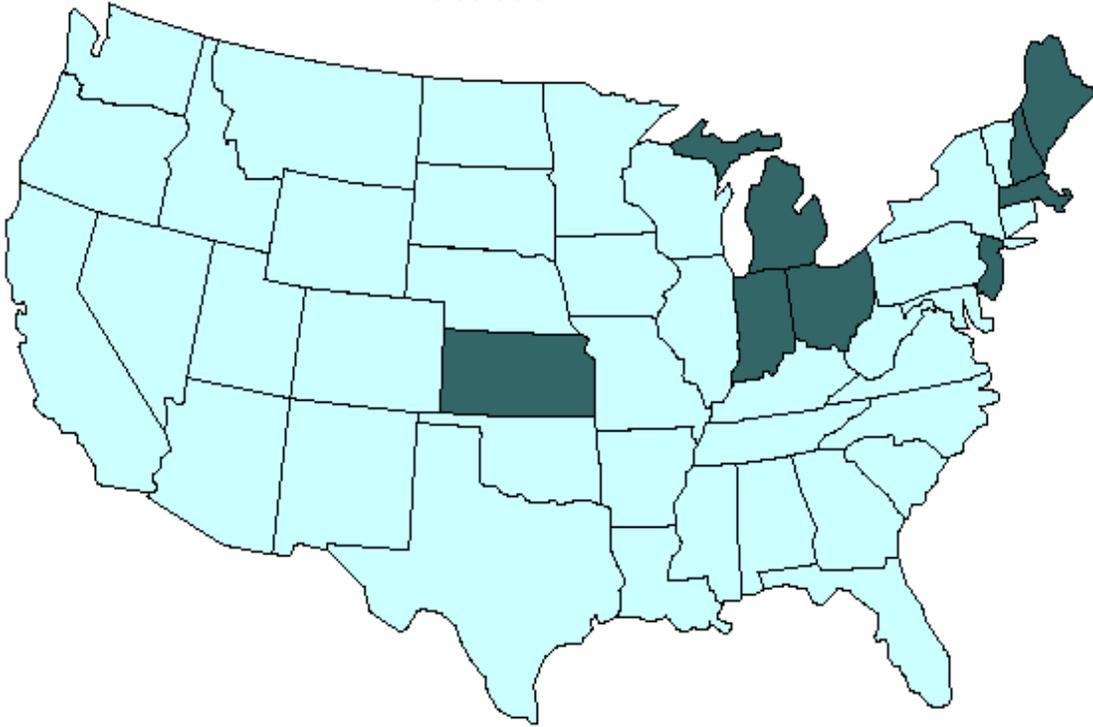
U.S. CHAMBER OF COMMERCE FOUNDATION  
Center for Education and Workforce



Credential Engine technologies enable an open applications marketplace.

Powered by the /  
**Credential Registry**

## States



## State Partnerships:

- Indiana, New Jersey, Michigan, Kansas, and Ohio
- Partnering with the Higher Education: Maine, New Hampshire, Rhode Island, Massachusetts

## Sector Partnerships:

- Retail and Hospitality Credentials Initiative with National Retail Federation Foundation, National Restaurant Association, and American Hotel and Lodging Association



## Industry Partnerships



Registry publishing options make it easy for credentialing organizations to publish comparable information to the Credential Registry following the minimum data and currency policies.

## CREDENTIAL REGISTRY PUBLISHER

### Available Now:

- Manual Entry Editors
  - Bulk Upload
- Registry Assistant API

### Coming Soon:

- Harvesting from the Web

# CREDENTIAL REGISTRY PUBLISHER

Use the editors to publish small, stable quantities of credential and competency information to the Credential Registry.

The screenshot displays the Credential Registry Publisher web application. At the top, there is a navigation bar with a search icon, 'Add New', 'Admin', and a user profile for 'Jeanne Kitchens'. The main header is 'Competencies', with a 'Powered By CASS' logo on the right. A green banner below the header provides instructions: 'To get started, click the + button below. For more information, click the ? button.' The main content area shows a list of competencies under the heading 'NOCTI 21st Century Skills for Workplace Success', with a sub-header 'Last modified a few seconds ago, 63 items'. The list includes items like 'Look for ways to help others', 'Recognize others for their contributions', and 'Identify ways to reduce or prevent injuries and illness'. A 'New Competency' button is at the bottom of the list. On the right, a detailed view of a competency is shown, including fields for 'Competency URL' (https://credentialengineregistry.org/5fdb8a07-81a1-4c1d-9cfc-e174b471...), 'CTID' (ce-5fdb8a07-81a1-4c1d-9cfc-e174b4...), 'Competency Text' (New Competency), 'Comment', and 'Competency Category'. At the bottom, a status bar shows 'My Organization: Credential Engine Administration', 'Selected Framework: NOCTI 21st Century Skills for Workplace Success', and 'Selected Framework Status: Updated 8/27/2018, Approved 4/27/2018, Published 4/27/2018'. Two buttons are visible: 'Approve Selected Framework' and 'Un-Publish Selected Framework'.

## Credential Engine Administration Bulk Upload Tool

This page makes it easy to add and update Assessments and related information for Credential Engine Administration using spreadsheets. Carefully review the documentation and instructions below to construct the spreadsheet you need to use.



Use the bulk upload spreadsheets to publish small or large quantities of credential and competency information to the Credential Registry.

## Introduction

The Bulk Upload tool in the Credential Publisher allows you to quickly add or update Assessment information in the Publisher by uploading it with a spreadsheet. This uploaded information will require your approval before Credential Engine will publish it to the Registry. You can use the Bulk Upload as a starting point and make additional changes to your data using the Publisher. You can also use the Bulk Upload tool to update existing data.

Depending on whether you are uploading new Assessments or updating existing Assessments, you will take the following steps:

### Uploading New Assessments

1. Complete your organization information if you haven't already done so
2. Select the properties you want to include in a template spreadsheet, based on information available to you
3. Download the template spreadsheet and fill it with your data
4. Upload your data to the Publisher
5. Review and approve your uploaded data
6. Credential Engine will review approved data and publish it to the Registry

### Updating Existing Assessments

1. Download your existing Assessment data, or generate a new spreadsheet containing your updated data (ensure your identifiers match the correct Assessments if you generate a new spreadsheet on your own!)
2. Update your data in the spreadsheet (if you downloaded it)
3. Upload your updated data to the Publisher
4. Review and (re-) approve your uploaded data
5. Credential Engine will review approved data and publish changes to the Registry

#### Print This Page

Expand the sections below that you print first!

#### Contact Us

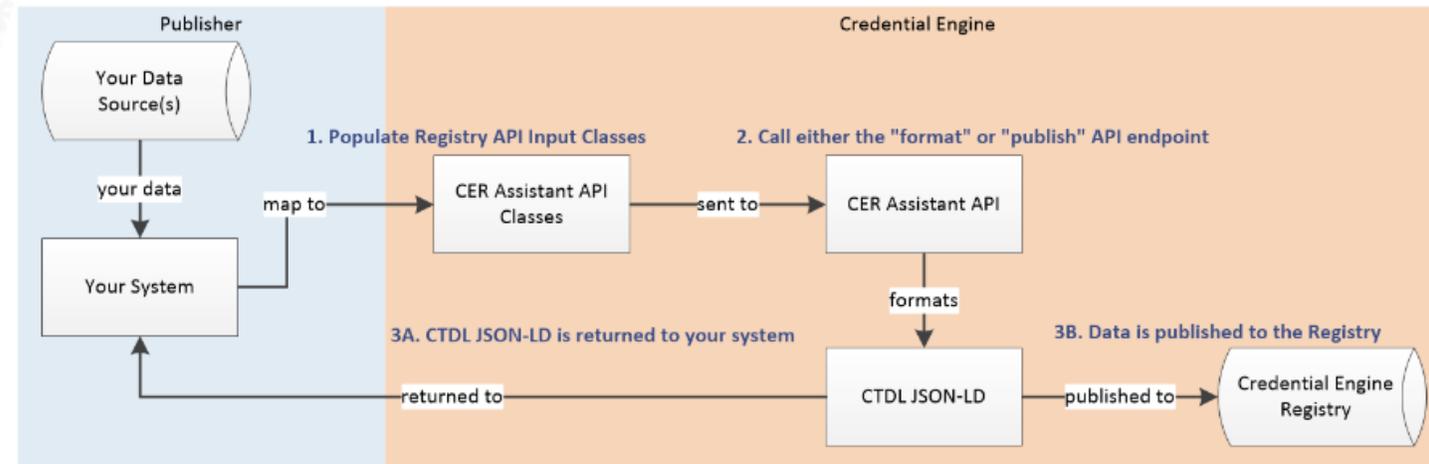
Get help with the Bulk Upload Tool

Currently, the Credential Registry operates in a sandbox environment. During this phase, certain features (such as API keys) will not be used. Once the Credential Registry moves to a production status, these features will be enabled.

## 1.1. Overview Presentation

Use the Registry Assistant API to programmatically publish credential and competency information from structured data to the Credential Registry.

### How it works:



# Professional Development Certificate in .NET Web Developer

Certificate

## Basic Info

Connect to this Credential [↗](#)

### About this Credential

A 10-week comprehensive program covering web development with Microsoft .NET technologies. Topics include .NET 4 framework; Common Language Runtime (CLR); C# language; Visual Studio 2015; ASP.NET; Web and Windows Forms; ADO.NET, LINQ, and Entity Framework; assemblies; memory management; Global Assembly Cache (GAC); jQuery; SOAP-based Web services; WPF; WCF; .NET security; XML support; and, threading models.

### Estimated Time to Earn

Estimated: 10 weeks

### Estimated Time to Complete Required Learning Opportunities

.Net Web Developer Program

Estimated: 10 weeks

### Credential Type

Certificate

### Audience Levels

0 Credentials

0 Organizations

0 Assessments

0 Learning Opportunities

## Location Info



243 South Wabash Avenue, Chicago, Illi

### Jurisdiction

This credential can be used in:

- United States

### Related Organizations

Expand/Hide Details

Compa

# CREDENTIAL FINDER

Powered by the /  
Credential Registry

Discover and compare  
credentials.

*Credential Engine is Changing the  
Credentialing Marketplace.*

These open technologies are available for you to use now.  
Get connected and set up your Credential Engine account today.



info@credentialengine.org  
credentialengine.org  
credreg.net  
credentialfinder.org



JPMORGAN CHASE & CO.

