Credential Engine

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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.
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.
Now try to find comparable credential information online. You’ll get thousands of links but you won’t get comparable information.
Credential Engine is Changing the Credentialing Marketplace.

Making open, advanced technologies available to everyone!

credentialengine.org #bettercreds
Credential Engine’s family of specifications provide terms and a common language for describing credentials and competencies as Linked Open Data.
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.

Google and other major search engines use Schema.org.
The Credential Registry is scalable for national and global use. It’s infrastructure for publishing comparable credential, competency and quality information.

### Minimum Data Policy

**1. Minimum Data Policy**

Approved by the Credential Engine Board of Directors and effective on September 1, 2023.

#### 1.4. Credential Information

1.4.1. Required

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

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

Available Now:
- Manual Entry Editors
- Bulk Upload
- Registry Assistant API

Coming Soon:
- Harvesting from the Web
Use the editors to publish small, stable quantities of credential and competency information to the Credential Registry.
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.

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

Use the bulk upload spreadsheets to publish small or large quantities of credential and competency information to the Credential Registry.
Use the Registry Assistant API to programmatically publish credential and competency information from structured data to the Credential Registry.
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

Location Info

Map

243 South Wabash Avenue, Chicago, IL

203

Jurisdiction
This credential can be used in:
- United States

Related Organizations

Expand/Hide Details

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