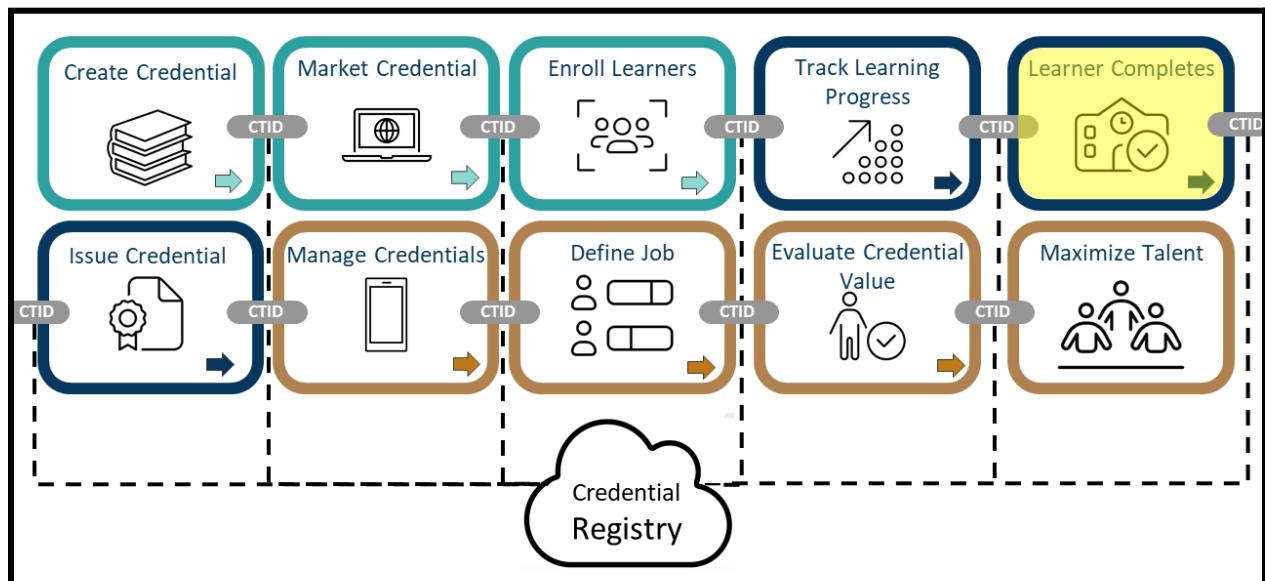


Lifecycle Phase: Learner Completes

Credentialing organizations require robust methods to ensure that learners have satisfied all necessary requirements prior to issuing credentials. The Credential Transparency Description Language (CTDL) offers a comprehensive framework to articulate these requirements clearly and systematically. Utilizing CTDL terms such as "course," "assessment," and "condition profile," institutions can ensure that credential requirements are transparent and accessible to all learners consistently. Additionally, the well-defined schema of CTDL allows technical tools to effectively consume and interpret this information, catering to various purposes and stakeholders. The consistency of CTDL is useful for linking learners' progress data directly to a credential's specific completion requirements, thus supporting a streamlined validation process.

The Credential Transparency Identifier (CTID) is pivotal in ensuring each credential and its particular requirements are uniquely identifiable. This facilitates access to detailed and accurate information for verifying that all requirements have been met. By implementing integrated credential management practices across a credential's lifecycle, the credential requirements are programmatically accessible, ensuring that each credential issued is backed by completion of requirements.

Learner Completes in the Context of Credential Lifecycle Phases



Credential Transparency Description Language (CTDL): Key Data

- **Condition Profile:** Transparent description of prerequisites and other requirements for credentials, assessments, learning opportunities, programs, courses, tasks, and more.
- **Credential Transparency Identifier (CTID):** A globally unique identifier for recognizing and connecting credential information across lifecycle phases.

Call to Action for Using CTDL in the Learner Completes Phase

- Develop business processes that explicitly use CTDL to articulate the requirements for earning credentials, creating a scalable operational foundation for integrations with curriculum management tools, student information systems, learning management systems, and data warehouses.

Learner Completes: Who, What, and Where

By clearly and transparently understanding all credential requirements in advance, learners, instructors, and counselors can strategically plan for success. The Credential Transparency Description Language (CTDL) enables the linking of credential requirements across various source data systems and aligns them with individual learner achievements.

Who	What (CTDL terms)	Where
Learners	program, course, condition profile	Student information systems, portals, dashboards
Instructors	course, assessment, rubric, competency, progression model	Learning management systems, dashboards
Counselors	condition profile, services	Dashboards, reports
Registrars	CTID, condition profile, version identifier	source systems, data warehouse
Faculty Leadership	program, condition profile, transfer value	reports

Key Questions to Address

1. How are the specific requirements for earning a credential finalized and how is this information managed so that it's accessible in CTDL?
2. Are the conditions for earning a credential, including requirements, prerequisites, and corequisites, represented in CTDL?
3. How are the CTIDs for a credential's conditions associated with a learner's data on their achievements and status?
4. How is the CTID for a credential offering transmitted to credential issuing tools and included in the issued credential for the learner who has completed it?
5. How are updates to a credential's CTDL conditions for completion managed over time?
- 6.

Important Uses

- **Award:** Confers credentials as soon as learners meet all predetermined CTDL conditions. Systems can be set up to verify the completion of each requirement, such as courses or assessments, minimizing human error, accelerating the credentialing process, and enhancing satisfaction and trust in the credentialing process.

- **Learner Communications:** Institutions can generate dynamic, personalized messages that reflect the learner's current achievements against the credential's CTDL requirements, helping learners understand what they need to complete, motivating them to meet their educational goals and maintain progress toward credential attainment.



To learn more, please visit www.credentialengine.org or contact info@credentialengine.org