<table>
<thead>
<tr>
<th>TYPE OF CREDENTIAL</th>
<th>REQUIRED TO PRACTICE IN A PARTICULAR INDUSTRY</th>
<th>AWARDED BY</th>
<th>REQUIREMENTS</th>
<th>EXAMPLES</th>
</tr>
</thead>
</table>
| Industry certification | No, but may be required for particular jobs | Industry association, trade group or corporation | Varies by certification, but may include a combination of:  
  - Work experience  
  - Degree completion (high school diploma, associate's degree, bachelor's degree, etc.)  
  - Continuing education or training  
  - Assessments/exams | - Cisco CCNA and CCNP certifications  
- Microsoft certifications  
- CompTIA certifications  
- Project Management Professional (PMP) certification  
- SHRM-CP (Human Resources) certification |
| Certificate | No, but may be required or preferred for particular jobs | Educational institution | Varies by certificate program.  
Certificates do not expire. | - Paralegal Certificate |
| License | Yes | Government licensing agency | Varies by license, but may include a combination of:  
- Degree completion  
- Certifications  
- Certificates  
- Assessments/exams  
- Apprenticeship programs  
- Continuing education or training  
- Work experience  
Usually expires within a specified time period, requiring re-licensing. | - Doctors, nurses, physical therapists and other medical professionals  
- Building contractors  
- Electricians  
- Cosmetologists  
- Social workers, counselors, therapists  
- Teachers |
### Professional Credentials at a Glance

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<tbody>
<tr>
<td>Microcredentials and Digital Badges</td>
<td>No</td>
<td>Educational institution or other training provider</td>
<td>Varies by credential, but typically includes some combination of:</td>
<td>Leading corporations such as Adobe, Dell, and IBM have digital credential programs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Learning or classroom hours</td>
<td>UA offers digital credentials for a number of continuing education programs.</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>• Exams or assessments</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>• Project completion</td>
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<td></td>
<td>Digital badges do not expire.</td>
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</tr>
<tr>
<td>Continuing Education Units (CEUs)</td>
<td>May be required for licensing or re-licensing in particular industries</td>
<td>Educational institution</td>
<td>Participants earn one CEU for each 10 “contact” hours spent in an organized educational activity. This activity must meet under the direction of an approved sponsor and qualified instructors.</td>
<td>We offer CEUs for qualifying UA and non-UA noncredit education programs.</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>CEUs do not expire.</td>
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</tr>
</tbody>
</table>

Explore all your professional credential opportunities at [www.ce.arizona.edu](http://www.ce.arizona.edu)