

# Towards Ontology Certification

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# Urgent need for trained ontologists

*Input* database currently lists 65 government projects involving persons with ontology expertise

Multiple further academic and industrial projects

Proposed solution: A Modular Ontology Certification Program

# Potential modules (1 day each)

1. Introduction to Ontology
2. Ontology Success Stories
3. Upper-Level Ontology
4. Ontology Coordination
5. Ontology Mapping
6. Lifecycle Management
7. Application of ontologies
8. Ontology Evaluation / Metrics / Best Practices
9. Ontologies and Data Modelling
10. Logic for Ontologists
11. OWL 2.0
12. Ontology Tools and Their Problems
13. UCore and UCore SL
14. Group exercise module?

# Requirements for Certification

- Attend 5 modules ?
- Alternative tracks ?
- University accreditation ?
- Distance learning ?
- Exams for each module ?
- Allow testing out of a limited number of modules ?

# Possible campus sites

- University at Buffalo  
GMU / c4i

# Funding

- Fees (\$300 per module? \$150 for those choosing the testing out option?)
- NSF
- Companies with ontology projects

# Expressions of interest received

- US Army  
Pacific National Labs  
Revelytix  
Booz Allen Hamilton  
Raytheon  
Alion