WORCESTER POLYTECHNIC INSTITUTE

# Systems Engineering Architecture

## Digital Badge Program

*Independent self-study at an affordable price*
**$59/micro-course** - or - **$531/full badge program**



# LET WPI HELP YOU ONBOARD OR UPSKILL

with an introduction to—and appreciation for—the art and science of SE Architecture

● *Interacting with an SE Architecture Team*

Imagine the importance of a shared vocabulary for a manager who has systems engineering architects reporting to them, or architecture stakeholders who need to communicate effectively for the development of system solutions.

● *New to Systems Architecture*

New members of an architecture team can benefit from an introductory overview of systems architecting concepts and design approaches.

● *Curious about the Art and Science of Systems Architecting*

Individual micro-courses such as Stakeholder Analysis are useful in all areas of systems engineering, and experienced architects can learn the latest frameworks (e.g., TOGAF 10).

# Online | Self-Paced | Stackable

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# 9
## micro-courses available

### Each course =
- Approximately 1 hour total lecture time
- 4 instructional videos
- A short quiz after each video

### A certificate of completion
is issued after each individual micro-course

### Complete all 9 to earn a digital badge!

**All content is strategically designed to align with the International Council on Systems Engineering (INCOSE) Competency Framework.**

Knowledge indicators from INCOSE's awareness level proficiency are embedded within the learning objectives.

## MICRO-COURSES

- **SYS 9001.** Architecture Basics
- **SYS 9006.** System Modeling Basics
- **SYS 9040.** Systems Engineering Architecture Types
- **SYS 9041.** Systems Engineering Architectural Drivers
- **SYS 9042.** Systems Engineering Stakeholder Analysis
- **SYS 9043.** Systems Engineering Architecture Framework: DoDAF
- **SYS 9044.** Systems Engineering Architecture Framework: TOGAF
- **SYS 9045.** Systems Engineering Architecture Design
- **SYS 9046.** Systems Engineering Architecture Evaluation

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