Usage

This source is considered a primary reference for the following articles:

- Roles and Competencies
- Developing Individuals

Annotation

There currently is no one accepted systems engineering competency model that is globally applicable and accepted widely within the discipline of systems engineering. To the contrary, the topic on Roles and Competencies has shown the best practice is for an organization to develop its own systems engineering competency model after evaluating its own needs with its stakeholders, organization, and workforce and within the context of its complete environment, e.g., economic, social, political. Nevertheless, the process of developing an organization's systems engineering competency model can be greatly informed and aided by evaluating the systems engineering competency models of other publicly available models. Consequently, the U.S. Department of Defense’s systems engineering competency model is offered as an example of a national defense organization.

The former DoD competency model SPRDE-SE/PSE Competency Assessment was replaced by the ENG competency model in 2013, when the Systems Planning, Research, Development, and Engineering (SPRDE)
career field and the SE and Program Systems Engineer (PSE) career field were consolidate into one. memo


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