Competency

www.incose.org/iw2019
Competency

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MEMBERS
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INCOSE CONNECT ADDRESS

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Charter Summary

WG PURPOSE/MISSION
The Competency Working Group was established to improve the practice of Systems Engineering through the development and adoption of competency definitions and associated assessments that address competency management resources that practitioners need.

WG GOAL(S)
- Develop a globally accepted role based competency framework that is tailorable to the needs of our customer organizations:
- Ensure that the competency framework is consistent with the INCOSE Certification Process and the SE Handbook as well as industry and government standards.
- Address SE Competencies as it relates to Soft Skills (Professional Competencies).
- Maintain and update the Competency Framework as additional competency areas are evaluated for inclusion in the framework.
- Develop an Assessment Guide that provides the competency framework user with a way to evaluate knowledge, skills and abilities of candidate SEs to perform a specific role.
- Collaborate with the Professional Development Initiative to ensure products support training needs analysis.
- Discuss, collaborate, and share in person and online with Working Group members that represent a wide diversity of interests and needs.
- Create products, present panels and or papers, develop and review international standards.
- Share information across Working Groups.
- Evaluate current products against new advancements in SE scope and methodologies such as Model Based SE to ensure that they maintain relevancy.

WG SCOPE
Our scope is focused on the development and continual improvement of the SE Role Based Competency Framework and
Charter Summary

Assessment Guide through collaboration with users, academia, industry and Working Groups as it relates to changes in SE processes and methods employed throughout a product or system lifecycle.

- Maintain a broad membership to enhance knowledge base.
- Evaluate competency alignment with other organizations/functions such as Program Management.
- Ensure consistency of product with INCOSE SE Handbook and Certification.
- Produce papers for publication.
- Provide training related to framework content and assessment capabilities.
- Collaborate with the INCOSE Professional Development Initiative with training needs assessments.
Succession Planning: Cliff Whitcomb is the new chair for the Competency Working Group

Competency Framework Assessment Guide Development:

- Determined format
- Established rules for the assessment guide development
- Trained participants in generating the expected content for the assessment guide
- Established writing assignments and team leads for generating the first draft of the assessment guide (version 0.5) to be available for review by July, 2019
- Ian Presland is the PoC for the Assessment Guide Development
- Developed milestones for the Assessment Guide to be submitted with the Product Plan

Collected comments from the published Framework and adjudicated and status comments for future updates to the Framework. Lori Zipes is the PoC for Configuration Management of the Product
Planned Work past IW

PLANNED ACTIVITIES
Collaboration with the Professional Development Portal team to ensure the Assessment Guide meets the needs of the Portal

PLANNED WORK PRODUCTS
Develop and submit a Product Plan for the Assessment Guide
Generate a first draft of the Assessment Guide by July 2019 for review by members of INCOSE