

Appendix C to “Analysis of Systems Engineering Competencies and Proficiency Levels by Role for an MBSE-Enabled Project,” submitted for publication to the *IEEE Open Journal of Systems Engineering*, October 2025

Sarah G. Shaw
PhD Candidate
Department of Systems Engineering

Appendix C

The following tables show the total number of knowledge, skills, abilities, and behaviors (KSABs) in the Digital Engineering Competency Framework (DECF) v1.1 [1] assigned to different roles in different team sizes for System Requirements Definition and Traceability.

C.1 Should-Be Team of 10

Table C.1.1. KSAB Total and Percentage of DECF KSABs for the Program Manager for the System Requirements Definition and Traceability Project Should-Be Team of 10

Competency	Proficiency Level	Number in DECF	All Tasks		PM/Admin Tasks		Project Tasks	
			Total	% of DECF	Total	% of DECF	Total	% of DECF
Data Governance	Awareness	3	2	67	2	67	2	67
	Basic	11	8	73	8	73	4	36
	Intermediate	7	2	29	2	29	2	29
	Advanced	14	7	50	7	50	0	0
	Expert	13	5	38	5	38	0	0
Data Management	Awareness	2	2	100	2	100	2	100
	Basic	7	4	57	4	57	4	57
	Intermediate	1	1	100	1	100	0	0
	Advanced	14	12	86	11	79	2	14
	Expert	6	3	50	3	50	0	0
Modeling	Awareness	11	10	91	10	91	7	64
	Basic	25	15	60	15	60	10	40
	Intermediate	36	25	69	22	61	10	28
	Advanced	35	19	54	19	54	6	17
	Expert	15	6	40	6	40	1	7
Simulation	Awareness	8	3	38	3	38	1	13
	Basic	8	7	88	7	88	2	25
	Intermediate	16	9	56	5	31	5	31
	Advanced	16	6	38	3	19	3	19
	Expert	8	1	13	0	0	1	13
Artificial Intelligence/ Machine Learning	Awareness	2	1	50	1	50	0	0
	Basic	19	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
Data Visualization	Awareness	2	2	100	2	100	2	100
	Basic	4	1	25	1	25	1	25
	Intermediate	12	7	58	7	58	3	25
	Advanced	2	2	100	2	100	1	50
	Expert	2	0	0	0	0	0	0
Data Analytics	Awareness	2	2	100	2	100	0	0
	Basic	5	5	100	5	100	2	40
	Intermediate	12	9	75	9	75	1	8
	Advanced	17	9	53	9	53	2	12
	Expert	11	0	0	0	0	0	0
Digital Architecting	Awareness	3	3	100	3	100	3	100
	Basic	14	11	79	10	71	8	57

	Intermediate	18	11	61	10	56	8	44
	Advanced	18	15	83	15	83	7	39
	Expert	2	1	50	1	50	0	0
Digital Requirements Modeling	Awareness	1	1	100	1	100	1	100
	Basic	3	3	100	2	67	3	100
	Intermediate	15	15	100	9	60	11	73
	Advanced	4	4	100	3	75	2	50
	Expert	1	1	100	1	100	0	0
Digital Validation and Verification	Awareness	2	1	50	1	50	1	50
	Basic	2	1	50	1	50	0	0
	Intermediate	6	4	67	4	67	1	17
	Advanced	3	1	33	1	33	0	0
	Expert	0	0	0	0	0	0	0
Model-Based Systems Engineering Processes	Awareness	11	11	100	11	100	11	100
	Basic	33	32	97	29	88	26	79
	Intermediate	17	14	82	14	82	12	71
	Advanced	35	23	66	17	49	11	31
	Expert	12	5	42	5	42	1	8
Digital Model-Based Reviews	Awareness	2	2	100	2	100	2	100
	Basic	1	1	100	1	100	1	100
	Intermediate	6	6	100	6	100	5	83
	Advanced	5	5	100	5	100	4	80
	Expert	1	1	100	1	100	0	0
Project and Program Management	Awareness	2	2	100	2	100	2	100
	Basic	18	17	94	16	89	6	33
	Intermediate	12	10	83	9	75	3	25
	Advanced	7	7	100	7	100	4	57
	Expert	3	1	33	1	33	0	0
Organizational Development	Awareness	1	1	100	1	100	0	0
	Basic	2	2	100	2	100	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	4	3	75	3	75	0	0
	Expert	10	6	60	6	60	0	0
Digital Engineering Policy and Guidance	Awareness	1	1	100	1	100	1	100
	Basic	3	2	67	2	67	0	0
	Intermediate	2	2	100	2	100	0	0
	Advanced	7	6	86	6	86	1	14
	Expert	10	5	50	5	50	1	10
Configuration Management	Awareness	1	1	100	1	100	1	100
	Basic	3	3	100	3	100	3	100
	Intermediate	5	5	100	5	100	4	80
	Advanced	8	8	100	8	100	0	0
	Expert	2	2	100	2	100	0	0
Software Construction	Awareness	1	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	5	1	20	1	20	0	0
	Expert	1	0	0	0	0	0	0
Software Engineering	Awareness	3	0	0	0	0	0	0
	Basic	5	2	40	2	40	0	0
	Intermediate	5	4	80	4	80	0	0
	Advanced	24	10	42	10	42	0	0
	Expert	10	5	50	5	50	0	0
Digital Environment Development	Awareness	1	1	100	1	100	1	100
	Basic	15	7	47	7	47	0	0
	Intermediate	3	3	100	3	100	0	0
	Advanced	15	12	82	12	80	1	7

	Expert	13	8	62	8	62	0	0
Management	Awareness	2	2	100	2	100	1	50
	Basic	2	2	100	2	100	1	50
	Intermediate	1	1	100	1	100	0	0
	Advanced	10	8	80	8	80	0	0
	Expert	8	3	38	3	38	0	0
Communications	Awareness	1	1	100	1	100	1	100
	Basic	2	1	50	1	50	1	50
	Intermediate	1	1	100	1	100	1	100
	Advanced	3	2	67	2	67	0	0
	Expert	5	3	60	3	60	0	0
Planning	Awareness	1	1	100	1	100	0	0
	Basic	2	2	100	2	100	0	0
	Intermediate	2	2	100	2	100	0	0
	Advanced	3	2	67	2	67	0	0
	Expert	3	1	33	1	33	0	0
Digital Environment Operations	Awareness	3	3	100	3	100	2	67
	Basic	4	4	100	4	100	2	50
	Intermediate	8	8	100	8	100	1	13
	Advanced	9	8	89	8	89	3	33
	Expert	2	2	100	2	100	0	0
Digital Environment Support	Awareness	3	2	67	2	67	0	0
	Basic	6	4	67	4	67	0	0
	Intermediate	18	18	100	18	100	0	0
	Advanced	25	23	92	23	92	0	0
	Expert	15	10	67	10	67	0	0
Digital Environment Security	Awareness	6	6	100	6	100	1	17
	Basic	2	2	100	2	100	0	0
	Intermediate	7	7	100	7	100	0	0
	Advanced	16	16	100	16	100	0	0
	Expert	11	11	100	11	100	0	0
Digital Literacy	Awareness	4	3	75	3	75	2	50
	Basic	16	14	88	14	88	13	81
	Intermediate	11	11	100	11	100	5	45
	Advanced	41	32	78	32	78	7	17
	Expert	48	37	77	37	77	2	4
Digital Engineering Value Proposition	Awareness	2	2	100	2	100	2	100
	Basic	7	7	100	7	100	4	57
	Intermediate	3	3	100	3	100	3	100
	Advanced	0	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
DoD Policy/ Guidance	Awareness	3	3	100	3	100	2	67
	Basic	0	0	0	0	0	0	0
	Intermediate	0	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Coaching and Mentoring	Awareness	1	1	100	1	100	1	100
	Basic	1	1	100	1	100	1	100
	Intermediate	2	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Decision Making	Awareness	0	0	0	0	0	0	0
	Basic	1	1	100	1	100	0	0
	Intermediate	5	5	100	5	100	1	20
	Advanced	10	9	90	9	90	3	30
	Expert	13	11	85	11	85	1	8
Software Literacy	Awareness	7	4	57	4	57	1	14

	Basic	10	7	70	7	70	1	10
	Intermediate	15	14	93	13	87	1	7
	Advanced	38	34	89	33	87	1	3
	Expert	20	16	80	16	80	0	0

Table C.1.2. KSAB Total and Percentage of DECF KSABs for the Chief Engineer for the System Requirements Definition and Traceability Project Should-Be Team of 10

Competency	Proficiency Level	Number in DECF	All Tasks		PM/Admin Tasks		Project Tasks	
			Total	% of DECF	Total	% of DECF	Total	% of DECF
Data Governance	Awareness	3	2	67	2	67	2	67
	Basic	11	8	73	8	73	5	45
	Intermediate	7	3	43	2	29	3	43
	Advanced	14	7	50	6	43	5	36
	Expert	13	4	31	3	23	1	8
Data Management	Awareness	2	2	100	2	100	2	100
	Basic	7	4	57	4	57	4	57
	Intermediate	1	1	100	1	100	0	0
	Advanced	14	11	79	10	71	4	29
	Expert	6	3	50	3	50	0	0
Modeling	Awareness	11	11	100	10	91	11	100
	Basic	25	25	100	12	48	25	100
	Intermediate	36	36	100	21	58	36	100
	Advanced	35	29	83	18	51	28	80
	Expert	15	9	60	4	27	8	53
Simulation	Awareness	8	8	100	2	25	8	100
	Basic	8	7	88	5	63	7	88
	Intermediate	16	15	94	4	25	15	94
	Advanced	16	14	88	2	13	13	81
	Expert	8	4	50	0	0	4	50
Artificial Intelligence/ Machine Learning	Awareness	2	1	50	1	50	0	0
	Basic	19	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
Data Visualization	Awareness	2	2	100	2	100	2	100
	Basic	4	1	25	1	25	1	25
	Intermediate	12	7	58	7	58	3	25
	Advanced	2	2	100	2	100	1	50
	Expert	2	0	0	0	0	0	0
Data Analytics	Awareness	2	2	100	2	100	0	0
	Basic	5	5	100	5	100	2	40
	Intermediate	12	11	92	8	67	6	50
	Advanced	17	10	59	9	53	8	47
	Expert	11	1	9	0	0	1	9
Digital Architecting	Awareness	3	3	100	3	100	3	100
	Basic	14	12	86	10	71	12	86
	Intermediate	18	18	100	9	50	18	100
	Advanced	18	18	100	14	78	18	100
	Expert	2	1	50	0	0	1	50
Digital Requirements Modeling	Awareness	1	1	100	1	100	1	100
	Basic	3	3	100	2	67	3	100
	Intermediate	15	15	100	9	60	15	100
	Advanced	4	4	100	3	75	4	100
	Expert	1	1	100	0	0	1	100

Digital Validation and Verification	Awareness	2	1	50	1	50	1	50
	Basic	2	1	50	1	50	1	50
	Intermediate	6	6	100	4	67	6	100
	Advanced	3	1	33	1	33	0	0
	Expert	0	0	0	0	0	0	0
Model-Based Systems Engineering Processes	Awareness	11	11	100	10	91	11	100
	Basic	33	32	97	29	88	31	94
	Intermediate	17	16	94	14	82	16	94
	Advanced	35	32	91	15	43	31	89
	Expert	12	7	58	3	25	6	50
Digital Model-Based Reviews	Awareness	2	2	100	2	100	2	100
	Basic	1	1	100	1	100	1	100
	Intermediate	6	6	100	6	100	6	100
	Advanced	5	5	100	5	100	4	80
	Expert	1	1	100	0	0	0	0
Project and Program Management	Awareness	2	2	100	2	100	2	100
	Basic	18	16	89	14	78	12	67
	Intermediate	12	11	92	9	75	8	67
	Advanced	7	7	100	6	86	6	86
	Expert	3	1	33	1	33	0	0
Organizational Development	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	4	1	25	1	25	0	0
	Expert	10	1	10	1	10	0	0
Digital Engineering Policy and Guidance	Awareness	1	1	100	1	100	1	100
	Basic	3	1	33	1	33	0	0
	Intermediate	2	2	100	2	100	0	0
	Advanced	7	6	86	6	86	1	14
	Expert	10	5	50	5	50	1	10
Configuration Management	Awareness	1	1	100	1	100	1	100
	Basic	3	3	100	3	100	3	100
	Intermediate	5	5	100	5	100	4	80
	Advanced	8	8	100	8	100	3	38
	Expert	2	2	100	2	100	0	0
Software Construction	Awareness	1	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	5	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Software Engineering	Awareness	3	0	0	0	0	0	0
	Basic	5	1	20	1	20	0	0
	Intermediate	5	3	60	3	60	0	0
	Advanced	24	8	33	8	33	0	0
	Expert	10	4	40	4	40	0	0
Digital Environment Development	Awareness	1	1	100	1	100	1	100
	Basic	15	5	33	4	27	1	7
	Intermediate	3	3	100	3	100	0	0
	Advanced	15	11	73	11	73	1	7
	Expert	13	8	62	8	62	0	0
Management	Awareness	2	2	100	2	100	1	50
	Basic	2	2	100	2	100	1	50
	Intermediate	1	1	100	1	100	0	0
	Advanced	10	5	50	5	50	0	0
	Expert	8	0	0	0	0	0	0
Communications	Awareness	1	1	100	1	100	1	100
	Basic	2	1	50	1	50	1	50

	Intermediate	1	1	100	1	100	1	100
	Advanced	3	2	67	2	67	0	0
	Expert	5	0	0	0	0	0	0
Planning	Awareness	1	1	100	1	100	0	0
	Basic	2	1	50	1	50	0	0
	Intermediate	2	2	100	2	100	0	0
	Advanced	3	2	67	2	67	0	0
	Expert	3	1	33	1	33	0	0
Digital Environment Operations	Awareness	3	3	100	3	100	2	67
	Basic	4	4	100	4	100	2	50
	Intermediate	8	8	100	8	100	1	13
	Advanced	9	8	89	8	89	3	33
	Expert	2	2	100	2	100	0	0
Digital Environment Support	Awareness	3	2	67	2	67	0	0
	Basic	6	4	67	4	67	0	0
	Intermediate	18	18	100	18	100	0	0
	Advanced	25	23	92	23	92	0	0
	Expert	15	10	67	10	67	0	0
Digital Environment Security	Awareness	6	6	100	6	100	1	17
	Basic	2	2	100	2	100	0	0
	Intermediate	7	7	100	7	100	0	0
	Advanced	16	16	100	16	100	0	0
	Expert	11	11	100	11	100	0	0
Digital Literacy	Awareness	4	3	75	3	75	2	50
	Basic	16	15	94	14	88	14	88
	Intermediate	11	11	100	11	100	5	45
	Advanced	41	31	76	28	68	9	22
	Expert	48	34	71	33	69	3	6
Digital Engineering Value Proposition	Awareness	2	2	100	2	100	2	100
	Basic	7	6	86	6	86	4	57
	Intermediate	3	3	100	3	100	3	100
	Advanced	0	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
DoD Policy/ Guidance	Awareness	3	2	67	2	67	2	67
	Basic	0	0	0	0	0	0	0
	Intermediate	0	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Coaching and Mentoring	Awareness	1	1	100	1	100	1	100
	Basic	1	1	100	1	100	1	100
	Intermediate	2	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Decision Making	Awareness	0	0	0	0	0	0	0
	Basic	1	1	100	1	100	1	100
	Intermediate	5	5	100	5	100	1	20
	Advanced	10	8	80	8	80	3	30
	Expert	13	8	62	8	62	1	8
Software Literacy	Awareness	7	5	71	4	57	2	29
	Basic	10	8	80	7	70	2	20
	Intermediate	15	14	93	13	87	1	7
	Advanced	38	33	87	31	82	2	5
	Expert	20	16	80	14	70	2	10

Table C.1.3. KSAB Total and Percentage of DECF KSABs for the Systems Engineer for the System Requirements Definition and Traceability Project Should-Be Team of 10

Competency	Proficiency Level	Number in DECF	All Tasks		PM/Admin Tasks		Project Tasks	
			Total	% of DECF	Total	% of DECF	Total	% of DECF
Data Governance	Awareness	3	2	67	2	67	2	67
	Basic	11	7	64	7	64	4	36
	Intermediate	7	3	43	2	29	3	43
	Advanced	14	7	50	6	43	5	36
	Expert	13	4	31	3	23	1	8
Data Management	Awareness	2	2	100	2	100	2	100
	Basic	7	4	57	4	57	4	57
	Intermediate	1	0	0	0	0	0	0
	Advanced	14	5	36	4	29	5	36
	Expert	6	3	50	3	50	0	0
Modeling	Awareness	11	11	100	10	91	11	100
	Basic	25	25	100	14	56	25	100
	Intermediate	36	36	100	22	61	36	100
	Advanced	35	29	83	19	54	28	80
	Expert	15	9	60	5	33	8	53
Simulation	Awareness	8	8	100	3	38	7	88
	Basic	8	8	100	7	88	7	88
	Intermediate	16	15	94	4	25	15	94
	Advanced	16	15	94	3	19	13	81
	Expert	8	4	50	0	0	4	50
Artificial Intelligence/ Machine Learning	Awareness	2	0	0	0	0	0	0
	Basic	19	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
Data Visualization	Awareness	2	2	100	2	100	2	100
	Basic	4	1	25	1	25	1	25
	Intermediate	12	6	50	6	50	3	25
	Advanced	2	2	100	2	100	1	50
	Expert	2	0	0	0	0	0	0
Data Analytics	Awareness	2	2	100	2	100	0	0
	Basic	5	5	100	5	100	2	40
	Intermediate	12	11	92	8	67	6	50
	Advanced	17	10	59	8	47	8	47
	Expert	11	1	9	0	0	1	9
Digital Architecting	Awareness	3	3	100	3	100	3	100
	Basic	14	13	93	10	71	12	86
	Intermediate	18	18	100	9	50	18	100
	Advanced	18	18	100	15	83	18	100
	Expert	2	1	50	1	50	1	50
Digital Requirements Modeling	Awareness	1	1	100	1	100	1	100
	Basic	3	3	100	2	67	3	100
	Intermediate	15	15	100	9	60	15	100
	Advanced	4	4	100	3	75	4	100
	Expert	1	1	100	1	100	1	100
Digital Validation and Verification	Awareness	2	1	50	1	50	1	50
	Basic	2	2	100	1	50	1	50
	Intermediate	6	6	100	4	67	6	100
	Advanced	3	1	33	1	33	0	0
	Expert	0	0	0	0	0	0	0
	Awareness	11	11	100	11	100	11	100

Model-Based Systems Engineering Processes	Basic	33	32	97	29	88	31	94
	Intermediate	17	16	94	14	82	16	94
	Advanced	35	32	91	16	46	31	89
	Expert	12	7	58	4	33	6	50
Digital Model-Based Reviews	Awareness	2	2	100	2	100	2	100
	Basic	1	1	100	1	100	1	100
	Intermediate	6	6	100	6	100	6	100
	Advanced	5	5	100	5	100	4	80
	Expert	1	0	0	0	0	0	0
Project and Program Management	Awareness	2	2	100	2	100	2	100
	Basic	18	15	83	15	83	12	67
	Intermediate	12	11	92	9	75	8	67
	Advanced	7	7	100	4	57	6	86
	Expert	3	1	33	1	33	0	0
Organizational Development	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	4	2	50	2	50	0	0
	Expert	10	4	40	4	40	0	0
Digital Engineering Policy and Guidance	Awareness	1	1	100	1	100	1	100
	Basic	3	2	67	2	67	0	0
	Intermediate	2	2	100	2	100	0	0
	Advanced	7	6	86	6	86	1	14
	Expert	10	5	50	5	50	1	10
Configuration Management	Awareness	1	1	100	1	100	1	100
	Basic	3	3	100	3	100	3	100
	Intermediate	5	5	100	5	100	4	80
	Advanced	8	8	100	8	100	3	38
	Expert	2	2	100	2	100	0	0
Software Construction	Awareness	1	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	5	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Software Engineering	Awareness	3	0	0	0	0	0	0
	Basic	5	1	20	1	20	0	0
	Intermediate	5	1	20	1	20	0	0
	Advanced	24	2	8	2	8	0	0
	Expert	10	1	10	1	10	0	0
Digital Environment Development	Awareness	1	1	100	1	100	1	100
	Basic	15	3	20	2	13	1	7
	Intermediate	3	0	0	0	0	0	0
	Advanced	15	3	20	3	20	1	7
	Expert	13	0	0	0	0	0	0
Management	Awareness	2	2	100	2	100	1	50
	Basic	2	2	100	2	100	1	50
	Intermediate	1	0	0	0	0	0	0
	Advanced	10	5	50	5	50	0	0
	Expert	8	2	25	2	25	0	0
Communications	Awareness	1	1	100	1	100	1	100
	Basic	2	1	50	1	50	1	50
	Intermediate	1	1	100	1	100	1	100
	Advanced	3	0	0	0	0	0	0
	Expert	5	0	0	0	0	0	0
Planning	Awareness	1	1	100	1	100	0	0
	Basic	2	2	100	2	100	0	0
	Intermediate	2	1	50	1	50	0	0

	Advanced	3	2	67	2	67	0	0
	Expert	3	1	33	1	33	0	0
Digital Environment Operations	Awareness	3	2	67	2	67	2	67
	Basic	4	2	50	2	50	2	50
	Intermediate	8	2	25	2	25	1	13
	Advanced	9	4	44	4	44	3	33
	Expert	2	0	0	0	0	0	0
Digital Environment Support	Awareness	3	1	33	1	33	0	0
	Basic	6	0	0	0	0	0	0
	Intermediate	18	2	11	2	11	0	0
	Advanced	25	3	12	3	12	0	0
	Expert	15	0	0	0	0	0	0
Digital Environment Security	Awareness	6	1	17	1	17	1	17
	Basic	2	1	50	1	50	0	0
	Intermediate	7	3	43	3	43	0	0
	Advanced	16	3	43	3	19	0	0
	Expert	11	6	19	6	55	0	0
Digital Literacy	Awareness	4	2	55	2	50	2	50
	Basic	16	14	50	13	81	14	88
	Intermediate	11	9	88	9	82	5	45
	Advanced	41	29	82	26	63	9	22
	Expert	48	24	71	23	48	3	6
Digital Engineering Value Proposition	Awareness	2	2	50	2	100	2	100
	Basic	7	6	100	6	86	4	57
	Intermediate	3	3	86	3	100	3	100
	Advanced	0	0	100	0	0	0	0
	Expert	0	0	0	0	0	0	0
DoD Policy/ Guidance	Awareness	3	3	0	3	100	2	67
	Basic	0	0	100	0	0	0	0
	Intermediate	0	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Coaching and Mentoring	Awareness	1	1	100	1	100	1	100
	Basic	1	1	100	1	100	1	100
	Intermediate	2	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Decision Making	Awareness	0	0	0	0	0	0	0
	Basic	1	1	100	1	100	0	0
	Intermediate	5	4	80	4	80	1	20
	Advanced	10	7	70	7	70	3	30
	Expert	13	8	62	8	62	2	15
Software Literacy	Awareness	7	2	29	1	14	2	29
	Basic	10	3	30	2	20	2	20
	Intermediate	15	3	20	2	13	1	7
	Advanced	38	4	11	3	8	2	5
	Expert	20	8	40	7	35	2	10

Table C.1.4. KSAB Total and Percentage of DECF KSABs for the Tech SME for the System Requirements Definition and Traceability Project Should-Be Team of 10

Competency	Proficiency Level	Number in DECF	All Tasks		PM/Admin Tasks		Project Tasks	
			Total	% of DECF	Total	% of DECF	Total	% of DECF
Data Governance	Awareness	3	2	67	0	0	2	67
	Basic	11	4	36	0	0	4	36
	Intermediate	7	2	29	0	0	2	29
	Advanced	14	1	7	0	0	1	7
	Expert	13	0	0	0	0	0	0
Data Management	Awareness	2	2	100	0	0	2	100
	Basic	7	4	57	0	0	4	57
	Intermediate	1	0	0	0	0	0	0
	Advanced	14	4	29	0	0	4	29
	Expert	6	0	0	0	0	0	0
Modeling	Awareness	11	11	100	0	0	11	100
	Basic	25	25	100	0	0	25	100
	Intermediate	36	36	100	0	0	36	100
	Advanced	35	28	80	0	0	28	80
	Expert	15	8	53	0	0	8	53
Simulation	Awareness	8	7	88	0	0	7	88
	Basic	8	7	88	0	0	7	88
	Intermediate	16	15	94	0	0	15	94
	Advanced	16	13	81	0	0	13	81
	Expert	8	4	50	0	0	4	50
Artificial Intelligence/ Machine Learning	Awareness	2	0	0	0	0	0	0
	Basic	19	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
Data Visualization	Awareness	2	2	100	0	0	2	100
	Basic	4	1	25	0	0	1	25
	Intermediate	12	3	25	0	0	3	25
	Advanced	2	1	50	0	0	1	50
	Expert	2	0	0	0	0	0	0
Data Analytics	Awareness	2	0	0	0	0	0	0
	Basic	5	2	40	0	0	2	40
	Intermediate	12	6	50	0	0	6	50
	Advanced	17	8	47	0	0	8	47
	Expert	11	1	9	0	0	1	9
Digital Architecting	Awareness	3	3	100	0	0	3	100
	Basic	14	12	86	0	0	12	86
	Intermediate	18	18	100	0	0	18	100
	Advanced	18	18	100	0	0	18	100
	Expert	2	1	50	0	0	1	50
Digital Requirements Modeling	Awareness	1	1	100	0	0	1	100
	Basic	3	3	100	0	0	3	100
	Intermediate	15	15	100	0	0	15	100
	Advanced	4	4	100	0	0	4	100
	Expert	1	1	100	0	0	1	100
Digital Validation and Verification	Awareness	2	1	50	0	0	1	50
	Basic	2	1	50	0	0	1	50
	Intermediate	6	5	83	0	0	5	83
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
	Awareness	11	11	100	0	0	11	100

Model-Based Systems Engineering Processes	Basic	33	31	94	0	0	31	94
	Intermediate	17	16	94	0	0	16	94
	Advanced	35	31	89	0	0	31	89
	Expert	12	6	50	0	0	6	50
Digital Model-Based Reviews	Awareness	2	2	100	0	0	2	100
	Basic	1	1	100	0	0	1	100
	Intermediate	6	6	100	0	0	6	100
	Advanced	5	4	80	0	0	4	80
	Expert	1	0	0	0	0	0	0
Project and Program Management	Awareness	2	2	100	0	0	2	100
	Basic	18	12	67	0	0	12	67
	Intermediate	12	8	67	0	0	8	67
	Advanced	7	6	86	0	0	6	86
	Expert	3	0	0	0	0	0	0
Organizational Development	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	4	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
Digital Engineering Policy and Guidance	Awareness	1	1	100	0	0	1	100
	Basic	3	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0
	Advanced	7	1	14	0	0	1	14
	Expert	10	1	10	0	0	1	10
Configuration Management	Awareness	1	1	100	0	0	1	100
	Basic	3	3	100	0	0	3	100
	Intermediate	5	4	80	0	0	4	80
	Advanced	8	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Software Construction	Awareness	1	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	5	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Software Engineering	Awareness	3	0	0	0	0	0	0
	Basic	5	0	0	0	0	0	0
	Intermediate	5	0	0	0	0	0	0
	Advanced	24	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
Digital Environment Development	Awareness	1	1	100	0	0	1	100
	Basic	15	1	7	0	0	1	7
	Intermediate	3	0	0	0	0	0	0
	Advanced	15	1	7	0	0	1	7
	Expert	13	0	0	0	0	0	0
Management	Awareness	2	1	50	0	0	1	50
	Basic	2	1	50	0	0	1	50
	Intermediate	1	0	0	0	0	0	0
	Advanced	10	0	0	0	0	0	0
	Expert	8	0	0	0	0	0	0
Communications	Awareness	1	1	100	0	0	1	100
	Basic	2	1	50	0	0	1	50
	Intermediate	1	1	100	0	0	1	100
	Advanced	3	0	0	0	0	0	0
	Expert	5	0	0	0	0	0	0
Planning	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0

	Advanced	3	0	0	0	0	0	0
	Expert	3	0	0	0	0	0	0
Digital Environment Operations	Awareness	3	2	67	0	0	2	67
	Basic	4	2	50	0	0	2	50
	Intermediate	8	1	13	0	0	1	13
	Advanced	9	3	33	0	0	3	33
	Expert	2	0	0	0	0	0	0
Digital Environment Support	Awareness	3	0	0	0	0	0	0
	Basic	6	0	0	0	0	0	0
	Intermediate	18	0	0	0	0	0	0
	Advanced	25	0	0	0	0	0	0
	Expert	15	0	0	0	0	0	0
Digital Environment Security	Awareness	6	1	17	0	0	1	17
	Basic	2	0	0	0	0	0	0
	Intermediate	7	0	0	0	0	0	0
	Advanced	16	0	0	0	0	0	0
	Expert	11	0	0	0	0	0	0
Digital Literacy	Awareness	4	2	50	0	0	2	50
	Basic	16	12	75	0	0	12	75
	Intermediate	11	5	45	0	0	5	45
	Advanced	41	9	22	0	0	9	22
	Expert	48	3	6	0	0	3	6
Digital Engineering Value Proposition	Awareness	2	2	100	0	0	2	100
	Basic	7	4	57	0	0	4	57
	Intermediate	3	3	100	0	0	3	100
	Advanced	0	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
DoD Policy/ Guidance	Awareness	3	2	67	0	0	2	67
	Basic	0	0	0	0	0	0	0
	Intermediate	0	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Coaching and Mentoring	Awareness	1	1	100	0	0	1	100
	Basic	1	1	100	0	0	1	100
	Intermediate	2	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Decision Making	Awareness	0	0	0	0	0	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	5	1	20	0	0	1	20
	Advanced	10	3	30	0	0	3	30
	Expert	13	1	8	0	0	1	8
Software Literacy	Awareness	7	2	29	0	0	2	29
	Basic	10	2	20	0	0	2	20
	Intermediate	15	1	7	0	0	1	7
	Advanced	38	2	5	0	0	2	5
	Expert	20	2	10	0	0	2	10

Table C.1.5. KSAB Total and Percentage of DECF KSABs for the MBSE SME for the System Requirements Definition and Traceability Project Should-Be Team of 10

Competency	Proficiency Level	Number in DECF	All Tasks		PM/Admin Tasks		Project Tasks	
			Total	% of DECF	Total	% of DECF	Total	% of DECF
Data Governance	Awareness	3	2	67	2	67	2	67
	Basic	11	7	64	7	64	5	45
	Intermediate	7	3	43	2	29	3	43
	Advanced	14	5	36	3	21	5	36
	Expert	13	3	23	2	15	1	8
Data Management	Awareness	2	2	100	2	100	2	100
	Basic	7	4	57	4	57	4	57
	Intermediate	1	0	0	0	0	0	0
	Advanced	14	5	36	2	14	5	36
	Expert	6	3	50	3	50	0	0
Modeling	Awareness	11	11	100	6	55	11	100
	Basic	25	25	100	6	24	25	100
	Intermediate	36	36	100	5	14	36	100
	Advanced	35	28	80	7	20	28	80
	Expert	15	8	53	1	7	8	53
Simulation	Awareness	8	7	88	1	13	7	88
	Basic	8	7	88	4	50	7	88
	Intermediate	16	15	94	0	0	15	94
	Advanced	16	14	88	1	6	13	81
	Expert	8	4	50	0	0	4	50
Artificial Intelligence/ Machine Learning	Awareness	2	0	0	0	0	0	0
	Basic	19	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
Data Visualization	Awareness	2	2	100	2	100	2	100
	Basic	4	1	25	1	25	1	25
	Intermediate	12	4	33	4	33	3	25
	Advanced	2	1	50	1	50	1	50
	Expert	2	0	0	0	0	0	0
Data Analytics	Awareness	2	0	0	2	100	0	0
	Basic	5	4	80	4	80	2	40
	Intermediate	12	7	58	3	25	6	50
	Advanced	17	8	47	3	18	8	47
	Expert	11	1	9	0	0	1	9
Digital Architecting	Awareness	3	3	100	0	0	3	100
	Basic	14	12	86	0	0	12	86
	Intermediate	18	18	100	6	33	18	100
	Advanced	18	18	100	8	44	18	100
	Expert	2	1	50	0	0	1	50
Digital Requirements Modeling	Awareness	1	1	100	0	0	1	100
	Basic	3	3	100	0	0	3	100
	Intermediate	15	15	100	1	7	15	100
	Advanced	4	4	100	1	25	4	100
	Expert	1	1	100	0	0	1	100
Digital Validation and Verification	Awareness	2	1	50	1	50	1	50
	Basic	2	1	50	0	0	1	50
	Intermediate	6	6	100	2	33	6	100
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
	Awareness	11	11	100	8	73	11	100

Model-Based Systems Engineering Processes	Basic	33	32	97	15	45	31	94
	Intermediate	17	16	94	4	24	16	94
	Advanced	35	31	89	6	17	31	89
	Expert	12	7	58	3	25	6	50
Digital Model-Based Reviews	Awareness	2	2	100	1	50	2	100
	Basic	1	1	100	1	100	1	100
	Intermediate	6	6	100	6	100	6	100
	Advanced	5	5	100	5	100	4	80
	Expert	1	0	0	0	0	0	0
Project and Program Management	Awareness	2	2	100	1	50	2	100
	Basic	18	14	78	7	39	12	67
	Intermediate	12	9	75	2	17	8	67
	Advanced	7	6	86	2	29	6	86
	Expert	3	0	0	0	0	0	0
Organizational Development	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	4	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
Digital Engineering Policy and Guidance	Awareness	1	1	100	0	0	1	100
	Basic	3	1	33	1	33	0	0
	Intermediate	2	0	0	0	0	0	0
	Advanced	7	1	14	0	0	1	14
	Expert	10	1	10	0	0	1	10
Configuration Management	Awareness	1	1	100	1	100	1	100
	Basic	3	3	100	2	67	3	100
	Intermediate	5	4	80	3	60	4	80
	Advanced	8	5	63	4	50	3	38
	Expert	2	0	0	0	0	0	0
Software Construction	Awareness	1	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	5	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Software Engineering	Awareness	3	0	0	0	0	0	0
	Basic	5	0	0	0	0	0	0
	Intermediate	5	0	0	0	0	0	0
	Advanced	24	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
Digital Environment Development	Awareness	1	1	100	1	100	1	100
	Basic	15	1	7	0	0	1	7
	Intermediate	3	0	0	0	0	0	0
	Advanced	15	1	7	1	7	1	7
	Expert	13	0	0	0	0	0	0
Management	Awareness	2	2	100	2	100	1	50
	Basic	2	1	50	1	50	1	50
	Intermediate	1	0	0	0	0	0	0
	Advanced	10	1	10	1	10	0	0
	Expert	8	0	0	0	0	0	0
Communications	Awareness	1	1	100	1	100	1	100
	Basic	2	1	50	1	50	1	50
	Intermediate	1	1	100	1	100	1	100
	Advanced	3	0	0	0	0	0	0
	Expert	5	0	0	0	0	0	0
Planning	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0

	Advanced	3	0	0	0	0	0	0
	Expert	3	0	0	0	0	0	0
Digital Environment Operations	Awareness	3	2	67	2	67	2	67
	Basic	4	2	50	2	50	2	50
	Intermediate	8	1	13	1	13	1	13
	Advanced	9	4	44	3	33	3	33
	Expert	2	1	50	1	50	0	0
Digital Environment Support	Awareness	3	0	0	0	0	0	0
	Basic	6	0	0	0	0	0	0
	Intermediate	18	0	0	0	0	0	0
	Advanced	25	0	0	0	0	0	0
	Expert	15	0	0	0	0	0	0
Digital Environment Security	Awareness	6	1	17	1	17	1	17
	Basic	2	0	0	0	0	0	0
	Intermediate	7	0	0	0	0	0	0
	Advanced	16	0	0	0	0	0	0
	Expert	11	0	0	0	0	0	0
Digital Literacy	Awareness	4	2	50	2	50	2	50
	Basic	16	14	88	12	75	14	88
	Intermediate	11	7	64	6	55	5	45
	Advanced	41	16	39	11	27	9	22
	Expert	48	12	25	11	23	3	6
Digital Engineering Value Proposition	Awareness	2	2	100	2	100	2	100
	Basic	7	4	57	4	57	4	57
	Intermediate	3	3	100	3	100	3	100
	Advanced	0	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
DoD Policy/ Guidance	Awareness	3	2	67	2	67	2	67
	Basic	0	0	0	0	0	0	0
	Intermediate	0	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Coaching and Mentoring	Awareness	1	0	0	0	0	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	2	2	100	2	100	2	100
	Advanced	3	3	100	3	100	3	100
	Expert	2	2	100	2	100	2	100
Decision Making	Awareness	0	0	0	0	0	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	5	1	20	1	20	1	20
	Advanced	10	5	50	5	50	3	30
	Expert	13	3	23	3	23	1	8
Software Literacy	Awareness	7	2	29	1	14	2	29
	Basic	10	2	20	1	10	2	20
	Intermediate	15	1	7	0	0	1	7
	Advanced	38	2	5	0	0	2	5
	Expert	20	2	10	0	0	2	10

Table C.1.6. KSAB Total and Percentage of DECF KSABs for the Program Security Specialist for the System Requirements Definition and Traceability Project Should-Be Team of 10

Competency	Proficiency Level	Number in DECF	All Tasks		PM/Admin Tasks		Project Tasks	
			Total	% of DECF	Total	% of DECF	Total	% of DECF
Data Governance	Awareness	3	0	0	0	0	0	0
	Basic	11	3	27	3	27	0	0
	Intermediate	7	1	14	1	14	0	0
	Advanced	14	5	36	5	36	0	0
	Expert	13	2	15	2	15	0	0
Data Management	Awareness	2	2	100	2	100	0	0
	Basic	7	4	57	4	57	0	0
	Intermediate	1	1	100	1	100	0	0
	Advanced	14	10	71	10	71	0	0
	Expert	6	2	33	2	33	0	0
Modeling	Awareness	11	6	55	6	55	0	0
	Basic	25	6	20	6	20	0	0
	Intermediate	36	10	28	10	28	0	0
	Advanced	35	4	11	4	11	0	0
	Expert	15	0	0	0	0	0	0
Simulation	Awareness	8	1	13	1	13	0	0
	Basic	8	4	50	4	50	0	0
	Intermediate	16	0	0	0	0	0	0
	Advanced	16	0	0	0	0	0	0
	Expert	8	0	0	0	0	0	0
Artificial Intelligence/ Machine Learning	Awareness	2	1	50	1	50	0	0
	Basic	19	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
Data Visualization	Awareness	2	0	0	0	0	0	0
	Basic	4	0	0	0	0	0	0
	Intermediate	12	0	0	0	0	0	0
	Advanced	2	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Data Analytics	Awareness	2	2	100	2	100	0	0
	Basic	5	1	20	1	20	0	0
	Intermediate	12	0	0	0	0	0	0
	Advanced	17	1	6	1	6	0	0
	Expert	11	0	0	0	0	0	0
Digital Architecting	Awareness	3	0	0	0	0	0	0
	Basic	14	0	0	0	0	0	0
	Intermediate	18	2	11	2	11	0	0
	Advanced	18	3	17	3	17	0	0
	Expert	2	0	0	0	0	0	0
Digital Requirements Modeling	Awareness	1	0	0	0	0	0	0
	Basic	3	0	0	0	0	0	0
	Intermediate	15	0	0	0	0	0	0
	Advanced	4	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Digital Validation and Verification	Awareness	2	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	6	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
	Awareness	11	8	73	8	73	0	0

Model-Based Systems Engineering Processes	Basic	33	16	48	16	48	0	0
	Intermediate	17	6	35	6	35	0	0
	Advanced	35	5	14	5	14	0	0
	Expert	12	0	0	0	0	0	0
Digital Model-Based Reviews	Awareness	2	0	0	0	0	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	6	0	0	0	0	0	0
	Advanced	5	0	0	0	0	0	0
Project and Program Management	Expert	1	0	0	0	0	0	0
	Awareness	2	0	0	0	0	0	0
	Basic	18	0	0	0	0	0	0
	Intermediate	12	1	8	1	8	0	0
Organizational Development	Advanced	7	0	0	0	0	0	0
	Expert	3	0	0	0	0	0	0
	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
Digital Engineering Policy and Guidance	Intermediate	1	0	0	0	0	0	0
	Advanced	4	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
	Awareness	1	0	0	0	0	0	0
Configuration Management	Basic	3	2	67	2	67	0	0
	Intermediate	5	2	40	2	40	0	0
	Advanced	8	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Software Construction	Awareness	1	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	5	1	20	1	20	0	0
Software Engineering	Expert	1	0	0	0	0	0	0
	Awareness	3	0	0	0	0	0	0
	Basic	5	1	20	1	20	0	0
	Intermediate	5	2	40	2	40	0	0
Digital Environment Development	Advanced	24	4	17	4	17	0	0
	Expert	10	4	40	4	40	0	0
	Awareness	1	1	100	1	100	0	0
	Basic	15	3	20	3	20	0	0
Management	Intermediate	3	3	100	3	100	0	0
	Advanced	15	10	67	10	67	0	0
	Expert	13	8	52	8	52	0	0
	Awareness	2	1	50	1	50	0	0
Communications	Basic	2	1	50	1	50	0	0
	Intermediate	1	1	100	1	100	0	0
	Advanced	10	3	30	3	30	0	0
	Expert	8	0	0	0	0	0	0
Planning	Awareness	1	1	100	1	100	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	3	2	67	2	67	0	0
Planning	Expert	5	0	0	0	0	0	0
	Awareness	1	1	100	1	100	0	0
	Basic	2	1	50	1	50	0	0
Planning	Intermediate	2	1	50	1	50	0	0

	Advanced	3	1	33	1	33	0	0
	Expert	3	0	0	0	0	0	0
Digital Environment Operations	Awareness	3	3	100	3	100	0	0
	Basic	4	4	100	4	100	0	0
	Intermediate	8	8	100	8	100	0	0
	Advanced	9	7	78	7	78	0	0
	Expert	2	2	100	2	100	0	0
Digital Environment Support	Awareness	3	2	67	2	67	0	0
	Basic	6	3	50	3	50	0	0
	Intermediate	18	18	100	18	100	0	0
	Advanced	25	23	92	23	92	0	0
	Expert	15	9	60	9	60	0	0
Digital Environment Security	Awareness	6	6	100	6	100	0	0
	Basic	2	2	100	2	100	0	0
	Intermediate	7	7	100	7	100	0	0
	Advanced	16	16	100	16	100	0	0
	Expert	11	11	100	11	100	0	0
Digital Literacy	Awareness	4	3	75	3	75	0	0
	Basic	16	12	75	12	75	0	0
	Intermediate	11	9	82	9	82	0	0
	Advanced	41	16	39	16	39	0	0
	Expert	48	19	40	19	40	0	0
Digital Engineering Value Proposition	Awareness	2	2	100	2	100	0	0
	Basic	7	4	57	4	57	0	0
	Intermediate	3	3	100	3	100	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
DoD Policy/ Guidance	Awareness	3	2	67	2	67	0	0
	Basic	0	0	0	0	0	0	0
	Intermediate	0	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Coaching and Mentoring	Awareness	1	1	100	1	100	0	0
	Basic	1	1	100	1	100	0	0
	Intermediate	2	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Decision Making	Awareness	0	0	0	0	0	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	5	3	60	3	60	0	0
	Advanced	10	8	80	8	80	0	0
	Expert	13	2	15	2	15	0	0
Software Literacy	Awareness	7	4	57	4	57	0	0
	Basic	10	7	70	7	70	0	0
	Intermediate	15	12	80	12	80	0	0
	Advanced	38	30	79	30	79	0	0
	Expert	20	14	70	14	70	0	0

Table C.1.7. KSAB Total and Percentage of DECF KSABs for the IT Specialist for the System Requirements Definition and Traceability Project Should-Be Team of 10

Competency	Proficiency Level	Number in DECF	All Tasks		PM/Admin Tasks		Project Tasks	
			Total	% of DECF	Total	% of DECF	Total	% of DECF
Data Governance	Awareness	3	0	0	0	0	0	0
	Basic	11	3	27	3	27	0	0
	Intermediate	7	1	14	1	14	0	0
	Advanced	14	4	29	4	29	0	0
	Expert	13	2	15	2	15	0	0
Data Management	Awareness	2	2	100	2	100	0	0
	Basic	7	4	57	4	57	0	0
	Intermediate	1	1	100	1	100	0	0
	Advanced	14	10	71	10	71	0	0
	Expert	6	1	17	1	17	0	0
Modeling	Awareness	11	0	0	0	0	0	0
	Basic	25	1	4	1	4	0	0
	Intermediate	36	2	6	2	6	0	0
	Advanced	35	1	3	1	3	0	0
	Expert	15	0	0	0	0	0	0
Simulation	Awareness	8	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	16	1	6	1	6	0	0
	Advanced	16	0	0	0	0	0	0
	Expert	8	0	0	0	0	0	0
Artificial Intelligence/ Machine Learning	Awareness	2	1	50	1	50	0	0
	Basic	19	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
Data Visualization	Awareness	2	0	0	0	0	0	0
	Basic	4	0	0	0	0	0	0
	Intermediate	12	1	8	1	8	0	0
	Advanced	2	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Data Analytics	Awareness	2	2	100	2	100	0	0
	Basic	5	1	20	1	20	0	0
	Intermediate	12	1	8	1	8	0	0
	Advanced	17	0	0	0	0	0	0
	Expert	11	0	0	0	0	0	0
Digital Architecting	Awareness	3	0	0	0	0	0	0
	Basic	14	0	0	0	0	0	0
	Intermediate	18	0	0	0	0	0	0
	Advanced	18	1	6	1	6	0	0
	Expert	2	0	0	0	0	0	0
Digital Requirements Modeling	Awareness	1	0	0	0	0	0	0
	Basic	3	0	0	0	0	0	0
	Intermediate	15	0	0	0	0	0	0
	Advanced	4	1	25	1	25	0	0
	Expert	1	0	0	0	0	0	0
Digital Validation and Verification	Awareness	2	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	6	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
	Awareness	11	0	0	0	0	0	0

Model-Based Systems Engineering Processes	Basic	33	0	0	0	0	0	0
	Intermediate	17	0	0	0	0	0	0
	Advanced	35	1	3	1	3	0	0
	Expert	12	0	0	0	0	0	0
Digital Model-Based Reviews	Awareness	2	0	0	0	0	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	6	0	0	0	0	0	0
	Advanced	5	0	0	0	0	0	0
Project and Program Management	Expert	1	0	0	0	0	0	0
	Awareness	2	1	50	1	50	0	0
	Basic	18	0	0	0	0	0	0
	Intermediate	12	2	17	2	17	0	0
	Advanced	7	1	14	1	14	0	0
Organizational Development	Expert	3	0	0	0	0	0	0
	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	4	1	25	1	25	0	0
Digital Engineering Policy and Guidance	Expert	10	0	0	0	0	0	0
	Awareness	1	0	0	0	0	0	0
	Basic	3	1	33	1	33	0	0
	Intermediate	2	1	50	1	50	0	0
	Advanced	7	1	14	1	14	0	0
Configuration Management	Expert	10	0	0	0	0	0	0
	Awareness	1	0	0	0	0	0	0
	Basic	3	0	0	0	0	0	0
	Intermediate	5	0	0	0	0	0	0
	Advanced	8	2	25	2	25	0	0
Software Construction	Expert	2	0	0	0	0	0	0
	Awareness	1	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	5	1	20	1	20	0	0
Software Engineering	Expert	1	0	0	0	0	0	0
	Awareness	3	0	0	0	0	0	0
	Basic	5	1	20	1	20	0	0
	Intermediate	5	3	60	3	60	0	0
	Advanced	24	9	38	9	38	0	0
Digital Environment Development	Expert	10	0	0	0	0	0	0
	Awareness	1	1	100	1	100	0	0
	Basic	15	3	20	3	20	0	0
	Intermediate	3	3	100	3	100	0	0
	Advanced	15	11	73	11	73	0	0
Management	Expert	13	7	54	7	54	0	0
	Awareness	2	1	50	1	50	0	0
	Basic	2	1	50	1	50	0	0
	Intermediate	1	1	100	1	100	0	0
	Advanced	10	4	40	4	40	0	0
Communications	Expert	8	0	0	0	0	0	0
	Awareness	1	1	100	1	100	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	3	2	67	2	67	0	0
Planning	Expert	5	0	0	0	0	0	0
	Awareness	1	1	100	1	100	0	0
	Basic	2	1	50	1	50	0	0
	Intermediate	2	2	100	2	100	0	0

	Advanced	3	2	67	2	67	0	0
	Expert	3	1	33	1	33	0	0
Digital Environment Operations	Awareness	3	3	100	3	100	0	0
	Basic	4	4	100	4	100	0	0
	Intermediate	8	8	100	8	100	0	0
	Advanced	9	7	78	7	78	0	0
	Expert	2	2	100	2	100	0	0
Digital Environment Support	Awareness	3	2	67	2	67	0	0
	Basic	6	4	67	4	67	0	0
	Intermediate	18	18	100	18	100	0	0
	Advanced	25	23	92	23	92	0	0
	Expert	15	10	67	10	67	0	0
Digital Environment Security	Awareness	6	6	100	6	100	0	0
	Basic	2	2	100	2	100	0	0
	Intermediate	7	7	100	7	100	0	0
	Advanced	16	16	100	16	100	0	0
	Expert	11	11	100	11	100	0	0
Digital Literacy	Awareness	4	2	50	2	50	0	0
	Basic	16	6	38	6	38	0	0
	Intermediate	11	5	45	5	45	0	0
	Advanced	41	13	32	13	32	0	0
	Expert	48	17	35	17	35	0	0
Digital Engineering Value Proposition	Awareness	2	2	100	2	100	0	0
	Basic	7	3	43	3	43	0	0
	Intermediate	3	3	100	3	100	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
DoD Policy/ Guidance	Awareness	3	2	67	2	67	0	0
	Basic	0	0	0	0	0	0	0
	Intermediate	0	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Coaching and Mentoring	Awareness	1	1	100	1	100	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Decision Making	Awareness	0	0	0	0	0	0	0
	Basic	1	1	100	1	100	0	0
	Intermediate	5	3	60	3	60	0	0
	Advanced	10	8	80	8	80	0	0
	Expert	13	5	38	5	38	0	0
Software Literacy	Awareness	7	4	57	4	57	0	0
	Basic	10	7	70	7	70	0	0
	Intermediate	15	13	87	13	87	0	0
	Advanced	38	31	82	31	82	0	0
	Expert	20	12	60	12	60	0	0

There were no tasks assigned to the Physical Security Specialist for the System Requirements Definition and Traceability project for the should-be team of 10, so there is no table for that role.

Table C.1.8. KSAB Total and Percentage of DECF KSABs for the Configuration Control Specialist for the System Requirements Definition and Traceability Project Should-Be Team of 10

Competency	Proficiency Level	Number in DECF	All Tasks		PM/Admin Tasks		Project Tasks	
			Total	% of DECF	Total	% of DECF	Total	% of DECF
Data Governance	Awareness	3	2	67	2	67	0	0
	Basic	11	4	36	4	36	0	0
	Intermediate	7	2	29	2	29	0	0
	Advanced	14	4	29	4	29	0	0
	Expert	13	0	0	0	0	0	0
Data Management	Awareness	2	2	100	2	100	0	0
	Basic	7	4	57	4	57	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	14	3	21	3	21	0	0
	Expert	6	2	33	2	33	0	0
Modeling	Awareness	11	2	18	2	18	0	0
	Basic	25	1	4	1	4	0	0
	Intermediate	36	3	8	3	8	0	0
	Advanced	35	7	20	7	20	0	0
	Expert	15	1	7	1	7	0	0
Simulation	Awareness	8	1	13	1	13	0	0
	Basic	8	4	50	4	50	0	0
	Intermediate	16	2	13	2	13	0	0
	Advanced	16	0	0	0	0	0	0
	Expert	8	0	0	0	0	0	0
Artificial Intelligence/ Machine Learning	Awareness	2	0	0	0	0	0	0
	Basic	19	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
Data Visualization	Awareness	2	2	100	2	100	0	0
	Basic	4	1	25	1	25	0	0
	Intermediate	12	3	25	3	25	0	0
	Advanced	2	1	50	1	50	0	0
	Expert	2	0	0	0	0	0	0
Data Analytics	Awareness	2	0	0	0	0	0	0
	Basic	5	0	0	0	0	0	0
	Intermediate	12	0	0	0	0	0	0
	Advanced	17	1	6	1	6	0	0
	Expert	11	0	0	0	0	0	0
Digital Architecting	Awareness	3	0	0	0	0	0	0
	Basic	14	2	14	2	14	0	0
	Intermediate	18	1	6	1	6	0	0
	Advanced	18	3	17	3	17	0	0
	Expert	2	0	0	0	0	0	0
Digital Requirements Modeling	Awareness	1	0	0	0	0	0	0
	Basic	3	0	0	0	0	0	0
	Intermediate	15	1	7	1	7	0	0
	Advanced	4	1	25	1	25	0	0
	Expert	1	0	0	0	0	0	0
Digital Validation and Verification	Awareness	2	1	50	1	50	0	0
	Basic	2	1	50	1	50	0	0
	Intermediate	6	3	50	3	50	0	0
	Advanced	3	1	33	1	33	0	0
	Expert	0	0	0	0	0	0	0
	Awareness	11	1	9	1	9	0	0

Model-Based Systems Engineering Processes	Basic	33	1	3	1	3	0	0
	Intermediate	17	1	6	1	6	0	0
	Advanced	35	5	14	5	14	0	0
	Expert	12	0	0	0	0	0	0
Digital Model-Based Reviews	Awareness	2	2	100	2	100	0	0
	Basic	1	1	100	1	100	0	0
	Intermediate	6	3	50	3	50	0	0
	Advanced	5	2	40	2	40	0	0
	Expert	1	0	0	0	0	0	0
Project and Program Management	Awareness	2	1	50	1	50	0	0
	Basic	18	0	0	0	0	0	0
	Intermediate	12	1	8	1	8	0	0
	Advanced	7	0	0	0	0	0	0
	Expert	3	0	0	0	0	0	0
Organizational Development	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	4	1	25	1	25	0	0
	Expert	10	1	10	1	10	0	0
Digital Engineering Policy and Guidance	Awareness	1	1	100	1	100	0	0
	Basic	3	1	33	1	33	0	0
	Intermediate	2	2	100	2	100	0	0
	Advanced	7	6	86	6	86	0	0
	Expert	10	5	50	5	50	0	0
Configuration Management	Awareness	1	1	100	1	100	0	0
	Basic	3	3	100	3	100	0	0
	Intermediate	5	5	100	5	100	0	0
	Advanced	8	8	100	8	100	0	0
	Expert	2	2	100	2	100	0	0
Software Construction	Awareness	1	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	5	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Software Engineering	Awareness	3	0	0	0	0	0	0
	Basic	5	0	0	0	0	0	0
	Intermediate	5	0	0	0	0	0	0
	Advanced	24	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
Digital Environment Development	Awareness	1	1	100	1	100	0	0
	Basic	15	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	15	1	7	1	7	0	0
	Expert	13	0	0	0	0	0	0
Management	Awareness	2	1	50	1	50	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	10	1	10	1	10	0	0
	Expert	8	0	0	0	0	0	0
Communications	Awareness	1	1	100	1	100	0	0
	Basic	2	1	50	1	50	0	0
	Intermediate	1	1	100	1	100	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	5	0	0	0	0	0	0
Planning	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0

	Advanced	3	0	0	0	0	0	0
	Expert	3	0	0	0	0	0	0
Digital Environment Operations	Awareness	3	2	67	2	67	0	0
	Basic	4	2	50	2	50	0	0
	Intermediate	8	1	13	1	13	0	0
	Advanced	9	2	22	2	22	0	0
	Expert	2	0	0	0	0	0	0
Digital Environment Support	Awareness	3	1	33	1	33	0	0
	Basic	6	0	0	0	0	0	0
	Intermediate	18	0	0	0	0	0	0
	Advanced	25	2	8	2	8	0	0
	Expert	15	0	0	0	0	0	0
Digital Environment Security	Awareness	6	1	17	1	17	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	7	0	0	0	0	0	0
	Advanced	16	0	0	0	0	0	0
	Expert	11	0	0	0	0	0	0
Digital Literacy	Awareness	4	1	25	1	25	0	0
	Basic	16	4	25	4	25	0	0
	Intermediate	11	3	27	3	27	0	0
	Advanced	41	4	10	4	10	0	0
	Expert	48	10	21	10	21	0	0
Digital Engineering Value Proposition	Awareness	2	2	100	2	100	0	0
	Basic	7	2	29	2	29	0	0
	Intermediate	3	3	100	3	100	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
DoD Policy/ Guidance	Awareness	3	2	67	2	67	0	0
	Basic	0	0	0	0	0	0	0
	Intermediate	0	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Coaching and Mentoring	Awareness	1	1	100	1	100	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Decision Making	Awareness	0	0	0	0	0	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	5	1	20	1	20	0	0
	Advanced	10	4	40	4	40	0	0
	Expert	13	0	0	0	0	0	0
Software Literacy	Awareness	7	0	0	0	0	0	0
	Basic	10	2	20	2	20	0	0
	Intermediate	15	2	13	2	13	0	0
	Advanced	38	0	0	0	0	0	0
	Expert	20	0	0	0	0	0	0

Table C.1.9. KSAB Total and Percentage of DECF KSABs for the T&E SME for the System Requirements Definition and Traceability Project Should-Be Team of 10

Competency	Proficiency Level	Number in DECF	All Tasks		PM/Admin Tasks		Project Tasks	
			Total	% of DECF	Total	% of DECF	Total	% of DECF
Data Governance	Awareness	3	2	67	0	0	2	67
	Basic	11	4	36	0	0	4	36
	Intermediate	7	2	29	0	0	2	29
	Advanced	14	1	7	0	0	1	7
	Expert	13	0	0	0	0	0	0
Data Management	Awareness	2	2	100	0	0	2	100
	Basic	7	4	57	0	0	4	57
	Intermediate	1	0	0	0	0	0	0
	Advanced	14	2	14	0	0	2	14
	Expert	6	0	0	0	0	0	0
Modeling	Awareness	11	11	100	0	0	11	100
	Basic	25	25	100	0	0	25	100
	Intermediate	36	36	100	0	0	36	100
	Advanced	35	30	86	0	0	30	86
	Expert	15	8	53	0	0	8	53
Simulation	Awareness	8	7	88	0	0	7	88
	Basic	8	7	88	0	0	7	88
	Intermediate	16	15	94	0	0	15	94
	Advanced	16	13	81	0	0	13	81
	Expert	8	4	50	0	0	4	50
Artificial Intelligence/ Machine Learning	Awareness	2	0	0	0	0	0	0
	Basic	19	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
Data Visualization	Awareness	2	2	100	0	0	2	100
	Basic	4	1	25	0	0	1	25
	Intermediate	12	3	25	0	0	3	25
	Advanced	2	1	50	0	0	1	50
	Expert	2	0	0	0	0	0	0
Data Analytics	Awareness	2	0	0	0	0	0	0
	Basic	5	2	40	0	0	2	40
	Intermediate	12	6	50	0	0	6	50
	Advanced	17	8	47	0	0	8	47
	Expert	11	1	9	0	0	1	9
Digital Architecting	Awareness	3	3	100	0	0	3	100
	Basic	14	12	86	0	0	12	86
	Intermediate	18	18	100	0	0	18	100
	Advanced	18	18	100	0	0	18	100
	Expert	2	0	0	0	0	0	0
Digital Requirements Modeling	Awareness	1	1	100	0	0	1	100
	Basic	3	3	100	0	0	3	100
	Intermediate	15	15	100	0	0	15	100
	Advanced	4	4	100	0	0	4	100
	Expert	1	1	100	0	0	1	100
Digital Validation and Verification	Awareness	2	1	50	0	0	1	50
	Basic	2	1	50	0	0	1	50
	Intermediate	6	6	100	0	0	6	100
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
	Awareness	11	11	100	0	0	11	100

Model-Based Systems Engineering Processes	Basic	33	30	91	0	0	30	91
	Intermediate	17	16	94	0	0	16	94
	Advanced	35	31	89	0	0	31	89
	Expert	12	6	50	0	0	6	50
Digital Model-Based Reviews	Awareness	2	2	100	0	0	2	100
	Basic	1	1	100	0	0	1	100
	Intermediate	6	6	100	0	0	6	100
	Advanced	5	4	80	0	0	4	80
	Expert	1	0	0	0	0	0	0
Project and Program Management	Awareness	2	2	100	0	0	2	100
	Basic	18	8	44	0	0	8	44
	Intermediate	12	7	58	0	0	7	58
	Advanced	7	5	71	0	0	5	71
	Expert	3	0	0	0	0	0	0
Organizational Development	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	4	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
Digital Engineering Policy and Guidance	Awareness	1	1	100	0	0	1	100
	Basic	3	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0
	Advanced	7	1	14	0	0	1	14
	Expert	10	1	10	0	0	1	10
Configuration Management	Awareness	1	1	100	0	0	1	100
	Basic	3	3	100	0	0	3	100
	Intermediate	5	4	80	0	0	4	80
	Advanced	8	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Software Construction	Awareness	1	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	5	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Software Engineering	Awareness	3	0	0	0	0	0	0
	Basic	5	0	0	0	0	0	0
	Intermediate	5	0	0	0	0	0	0
	Advanced	24	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
Digital Environment Development	Awareness	1	1	100	0	0	1	100
	Basic	15	1	7	0	0	1	7
	Intermediate	3	0	0	0	0	0	0
	Advanced	15	1	7	0	0	1	7
	Expert	13	0	0	0	0	0	0
Management	Awareness	2	1	50	0	0	1	50
	Basic	2	1	50	0	0	1	50
	Intermediate	1	0	0	0	0	0	0
	Advanced	10	0	0	0	0	0	0
	Expert	8	0	0	0	0	0	0
Communications	Awareness	1	1	100	0	0	1	100
	Basic	2	1	50	0	0	1	50
	Intermediate	1	1	100	0	0	1	100
	Advanced	3	0	0	0	0	0	0
	Expert	5	0	0	0	0	0	0
Planning	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0

	Advanced	3	0	0	0	0	0	0
	Expert	3	0	0	0	0	0	0
Digital Environment Operations	Awareness	3	2	67	0	0	2	67
	Basic	4	2	50	0	0	2	50
	Intermediate	8	1	13	0	0	1	13
	Advanced	9	3	33	0	0	3	33
	Expert	2	0	0	0	0	0	0
Digital Environment Support	Awareness	3	0	0	0	0	0	0
	Basic	6	0	0	0	0	0	0
	Intermediate	18	0	0	0	0	0	0
	Advanced	25	0	0	0	0	0	0
	Expert	15	0	0	0	0	0	0
Digital Environment Security	Awareness	6	1	17	0	0	1	17
	Basic	2	0	0	0	0	0	0
	Intermediate	7	0	0	0	0	0	0
	Advanced	16	0	0	0	0	0	0
	Expert	11	0	0	0	0	0	0
Digital Literacy	Awareness	4	2	50	0	0	2	50
	Basic	16	14	88	0	0	14	88
	Intermediate	11	5	45	0	0	5	45
	Advanced	41	9	22	0	0	9	22
	Expert	48	3	6	0	0	3	6
Digital Engineering Value Proposition	Awareness	2	2	100	0	0	2	100
	Basic	7	4	57	0	0	4	57
	Intermediate	3	3	100	0	0	3	100
	Advanced	0	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
DoD Policy/ Guidance	Awareness	3	2	67	0	0	2	67
	Basic	0	0	0	0	0	0	0
	Intermediate	0	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Coaching and Mentoring	Awareness	1	1	100	0	0	1	100
	Basic	1	1	100	0	0	1	100
	Intermediate	2	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Decision Making	Awareness	0	0	0	0	0	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	5	1	20	0	0	1	20
	Advanced	10	3	30	0	0	3	30
	Expert	13	1	8	0	0	1	8
Software Literacy	Awareness	7	2	29	0	0	2	29
	Basic	10	2	20	0	0	2	20
	Intermediate	15	1	7	0	0	1	7
	Advanced	38	2	5	0	0	2	5
	Expert	20	2	10	0	0	2	10

There were no tasks assigned to the Finance Specialist for the System Requirements Definition and Traceability project for the should-be team of 10, so there is no table for that role.

Table C.1.10. KSAB Total and Percentage of DECF KSABs for the Scheduler for the System Requirements Definition and Traceability Project Should-Be Team of 10

Competency	Proficiency Level	Number in DECF	All Tasks		PM/Admin Tasks		Project Tasks	
			Total	% of DECF	Total	% of DECF	Total	% of DECF
Data Governance	Awareness	3	1	33	1	33	0	0
	Basic	11	3	27	3	27	0	0
	Intermediate	7	0	0	0	0	0	0
	Advanced	14	0	0	0	0	0	0
	Expert	13	0	0	0	0	0	0
Data Management	Awareness	2	2	100	2	100	0	0
	Basic	7	3	43	3	43	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	14	0	0	0	0	0	0
	Expert	6	0	0	0	0	0	0
Modeling	Awareness	11	0	0	0	0	0	0
	Basic	25	0	0	0	0	0	0
	Intermediate	36	0	0	0	0	0	0
	Advanced	35	0	0	0	0	0	0
	Expert	15	0	0	0	0	0	0
Simulation	Awareness	8	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	16	0	0	0	0	0	0
	Advanced	16	0	0	0	0	0	0
	Expert	8	0	0	0	0	0	0
Artificial Intelligence/ Machine Learning	Awareness	2	0	0	0	0	0	0
	Basic	19	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
Data Visualization	Awareness	2	2	100	2	100	0	0
	Basic	4	1	25	1	25	0	0
	Intermediate	12	6	50	6	50	0	0
	Advanced	2	2	100	2	100	0	0
	Expert	2	0	0	0	0	0	0
Data Analytics	Awareness	2	0	0	0	0	0	0
	Basic	5	2	40	2	40	0	0
	Intermediate	12	5	42	5	42	0	0
	Advanced	17	5	29	5	29	0	0
	Expert	11	0	0	0	0	0	0
Digital Architecting	Awareness	3	0	0	0	0	0	0
	Basic	14	0	0	0	0	0	0
	Intermediate	18	0	0	0	0	0	0
	Advanced	18	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Digital Requirements Modeling	Awareness	1	0	0	0	0	0	0
	Basic	3	0	0	0	0	0	0
	Intermediate	15	0	0	0	0	0	0
	Advanced	4	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Digital Validation and Verification	Awareness	2	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	6	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
	Awareness	11	0	0	0	0	0	0

Model-Based Systems Engineering Processes	Basic	33	0	0	0	0	0	0
	Intermediate	17	0	0	0	0	0	0
	Advanced	35	0	0	0	0	0	0
	Expert	12	0	0	0	0	0	0
Digital Model-Based Reviews	Awareness	2	1	50	1	50	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	6	0	0	0	0	0	0
	Advanced	5	1	20	1	20	0	0
	Expert	1	0	0	0	0	0	0
Project and Program Management	Awareness	2	2	100	2	100	0	0
	Basic	18	9	50	9	50	0	0
	Intermediate	12	5	42	5	42	0	0
	Advanced	7	4	57	4	57	0	0
	Expert	3	1	33	1	33	0	0
Organizational Development	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	4	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
Digital Engineering Policy and Guidance	Awareness	1	0	0	0	0	0	0
	Basic	3	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0
	Advanced	7	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
Configuration Management	Awareness	1	0	0	0	0	0	0
	Basic	3	0	0	0	0	0	0
	Intermediate	5	0	0	0	0	0	0
	Advanced	8	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Software Construction	Awareness	1	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	5	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Software Engineering	Awareness	3	0	0	0	0	0	0
	Basic	5	0	0	0	0	0	0
	Intermediate	5	0	0	0	0	0	0
	Advanced	24	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
Digital Environment Development	Awareness	1	1	100	1	100	0	0
	Basic	15	1	7	1	7	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	15	1	7	1	7	0	0
	Expert	13	0	0	0	0	0	0
Management	Awareness	2	2	100	2	100	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	10	0	0	0	0	0	0
	Expert	8	0	0	0	0	0	0
Communications	Awareness	1	0	0	0	0	0	0
	Basic	2	1	50	1	50	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	5	0	0	0	0	0	0
Planning	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0

	Advanced	3	0	0	0	0	0	0
	Expert	3	0	0	0	0	0	0
Digital Environment Operations	Awareness	3	1	33	1	33	0	0
	Basic	4	2	50	2	50	0	0
	Intermediate	8	1	13	1	13	0	0
	Advanced	9	1	11	1	11	0	0
	Expert	2	0	0	0	0	0	0
Digital Environment Support	Awareness	3	0	0	0	0	0	0
	Basic	6	0	0	0	0	0	0
	Intermediate	18	0	0	0	0	0	0
	Advanced	25	0	0	0	0	0	0
	Expert	15	0	0	0	0	0	0
Digital Environment Security	Awareness	6	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	7	0	0	0	0	0	0
	Advanced	16	0	0	0	0	0	0
	Expert	11	0	0	0	0	0	0
Digital Literacy	Awareness	4	0	0	0	0	0	0
	Basic	16	2	13	2	13	0	0
	Intermediate	11	0	0	0	0	0	0
	Advanced	41	5	12	5	12	0	0
	Expert	48	2	4	2	4	0	0
Digital Engineering Value Proposition	Awareness	2	2	100	2	100	0	0
	Basic	7	3	43	3	43	0	0
	Intermediate	3	3	100	3	100	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
DoD Policy/ Guidance	Awareness	3	2	67	2	67	0	0
	Basic	0	0	0	0	0	0	0
	Intermediate	0	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Coaching and Mentoring	Awareness	1	1	100	1	100	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Decision Making	Awareness	0	0	0	0	0	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	5	1	20	1	20	0	0
	Advanced	10	3	30	3	30	0	0
	Expert	13	2	15	2	15	0	0
Software Literacy	Awareness	7	0	0	0	0	0	0
	Basic	10	1	10	1	10	0	0
	Intermediate	15	0	0	0	0	0	0
	Advanced	38	0	0	0	0	0	0
	Expert	20	0	0	0	0	0	0

There were no tasks assigned to the Contracts Specialist for the System Requirements Definition and Traceability project for the should-be team of 10, so there is no table for that role.

C.2 Should-Be Team of 50

Table C.2.1. KSAB Total and Percentage of DECF KSABs for the Program Manager for the System Requirements Definition and Traceability Project Should-Be Team of 50

Competency	Proficiency Level	Number in DECF	All Tasks		PM/Admin Tasks		Project Tasks	
			Total	% of DECF	Total	% of DECF	Total	% of DECF
Data Governance	Awareness	3	2	67	2	67	2	67
	Basic	11	7	64	7	64	4	36
	Intermediate	7	2	29	2	29	2	29
	Advanced	14	6	43	6	43	0	0
	Expert	13	4	31	4	31	0	0
Data Management	Awareness	2	2	100	2	100	2	100
	Basic	7	4	57	4	57	4	57
	Intermediate	1	0	0	0	0	0	0
	Advanced	14	6	43	5	36	2	14
	Expert	6	3	50	3	50	0	0
Modeling	Awareness	11	10	91	10	91	7	64
	Basic	25	15	60	15	60	10	40
	Intermediate	36	21	58	19	53	10	28
	Advanced	35	17	49	17	49	6	17
	Expert	15	6	40	6	40	1	7
Simulation	Awareness	8	3	38	3	38	1	13
	Basic	8	7	88	7	88	2	25
	Intermediate	16	6	38	2	13	5	31
	Advanced	16	6	38	3	19	3	19
	Expert	8	1	13	0	0	1	13
Artificial Intelligence/ Machine Learning	Awareness	2	0	0	0	0	0	0
	Basic	19	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
Data Visualization	Awareness	2	2	100	2	100	2	100
	Basic	4	1	25	1	25	1	25
	Intermediate	12	6	50	6	50	3	25
	Advanced	2	2	100	2	100	1	50
	Expert	2	0	0	0	0	0	0
Data Analytics	Awareness	2	2	100	2	100	0	0
	Basic	5	5	100	5	100	2	40
	Intermediate	12	8	67	8	67	1	8
	Advanced	17	9	53	9	53	2	12
	Expert	11	0	0	0	0	0	0
Digital Architecting	Awareness	3	3	100	3	100	3	100
	Basic	14	11	79	10	71	8	57
	Intermediate	18	11	61	10	56	8	44
	Advanced	18	15	83	15	83	7	39
	Expert	2	1	50	1	50	0	0
Digital Requirements Modeling	Awareness	1	1	100	1	100	1	100
	Basic	3	3	100	2	67	3	100
	Intermediate	15	15	100	9	60	11	73
	Advanced	4	4	100	3	75	2	50
	Expert	1	1	100	1	100	0	0
Digital Validation and Verification	Awareness	2	1	50	1	50	1	50
	Basic	2	0	0	0	0	0	0
	Intermediate	6	1	17	1	17	1	17
	Advanced	3	0	0	0	0	0	0

	Expert	0	0	0	0	0	0	0
Model-Based Systems Engineering Processes	Awareness	11	11	100	9	82	11	100
	Basic	33	31	94	28	85	26	79
	Intermediate	17	14	82	14	82	12	71
	Advanced	35	23	66	16	46	11	31
	Expert	12	5	42	3	25	1	8
Digital Model-Based Reviews	Awareness	2	2	100	1	50	2	100
	Basic	1	1	100	1	100	1	100
	Intermediate	6	6	100	6	100	5	83
	Advanced	5	5	100	5	100	4	80
	Expert	1	0	0	0	0	0	0
Project and Program Management	Awareness	2	2	100	2	100	2	100
	Basic	18	17	94	16	89	6	33
	Intermediate	12	10	83	9	75	3	25
	Advanced	7	7	100	7	100	4	57
	Expert	3	1	33	1	33	0	0
Organizational Development	Awareness	1	1	100	1	100	0	0
	Basic	2	2	100	2	100	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	4	3	75	3	75	0	0
	Expert	10	6	60	6	60	0	0
Digital Engineering Policy and Guidance	Awareness	1	1	100	1	100	1	100
	Basic	3	2	67	2	67	0	0
	Intermediate	2	2	100	2	100	0	0
	Advanced	7	5	71	5	71	1	14
	Expert	10	5	50	5	50	1	10
Configuration Management	Awareness	1	1	100	1	100	1	100
	Basic	3	3	100	3	100	3	100
	Intermediate	5	4	80	3	60	4	80
	Advanced	8	5	63	5	63	0	0
	Expert	2	0	0	0	0	0	0
Software Construction	Awareness	1	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	5	1	20	1	20	0	0
	Expert	1	0	0	0	0	0	0
Software Engineering	Awareness	3	0	0	0	0	0	0
	Basic	5	1	20	1	20	0	0
	Intermediate	5	1	20	1	20	0	0
	Advanced	24	2	8	2	8	0	0
	Expert	10	1	10	1	10	0	0
Digital Environment Development	Awareness	1	1	100	1	100	1	100
	Basic	15	5	33	5	33	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	15	4	27	4	27	1	7
	Expert	13	2	15	2	15	0	0
Management	Awareness	2	2	100	2	100	1	50
	Basic	2	2	100	2	100	1	50
	Intermediate	1	0	0	0	0	0	0
	Advanced	10	5	50	5	50	0	0
	Expert	8	3	38	3	38	0	0
Communications	Awareness	1	1	100	1	100	1	100
	Basic	2	1	50	1	50	1	50
	Intermediate	1	1	100	1	100	1	100
	Advanced	3	0	0	0	0	0	0
	Expert	5	4	80	3	60	0	0
Planning	Awareness	1	1	100	1	100	0	0

	Basic	2	2	100	2	100	0	0
	Intermediate	2	1	50	1	50	0	0
	Advanced	3	2	67	2	67	0	0
	Expert	3	1	33	1	33	0	0
Digital Environment Operations	Awareness	3	2	67	2	67	2	67
	Basic	4	2	50	2	50	2	50
	Intermediate	8	1	13	1	13	1	13
	Advanced	9	4	44	4	44	3	33
	Expert	2	1	50	1	50	0	0
Digital Environment Support	Awareness	3	0	0	0	0	0	0
	Basic	6	0	0	0	0	0	0
	Intermediate	18	2	11	2	11	0	0
	Advanced	25	2	8	2	8	0	0
	Expert	15	0	0	0	0	0	0
Digital Environment Security	Awareness	6	4	67	4	67	1	17
	Basic	2	2	100	2	100	0	0
	Intermediate	7	5	71	5	71	0	0
	Advanced	16	9	56	9	56	0	0
	Expert	11	7	64	7	64	0	0
Digital Literacy	Awareness	4	2	50	2	50	2	50
	Basic	16	14	88	13	81	13	81
	Intermediate	11	11	100	11	100	5	45
	Advanced	41	25	61	25	61	7	17
	Expert	48	22	46	22	46	2	4
Digital Engineering Value Proposition	Awareness	2	2	100	2	100	2	100
	Basic	7	7	100	7	100	4	57
	Intermediate	3	3	100	3	100	3	100
	Advanced	0	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
DoD Policy/ Guidance	Awareness	3	3	100	3	100	2	67
	Basic	0	0	0	0	0	0	0
	Intermediate	0	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Coaching and Mentoring	Awareness	1	1	100	1	100	1	100
	Basic	1	1	100	1	100	1	100
	Intermediate	2	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Decision Making	Awareness	0	0	0	0	0	0	0
	Basic	1	1	100	1	100	0	0
	Intermediate	5	4	80	4	80	1	20
	Advanced	10	9	90	9	90	3	30
	Expert	13	10	77	10	77	1	8
Software Literacy	Awareness	7	1	14	1	14	1	14
	Basic	10	1	10	1	10	1	10
	Intermediate	15	3	20	2	13	1	7
	Advanced	38	9	24	8	21	1	3
	Expert	20	7	35	7	35	0	0

Table C.2.2. KSAB Total and Percentage of DECF KSABs for the Chief Engineer for the System Requirements Definition and Traceability Project Should-Be Team of 50

Competency	Proficiency Level	Number in DECF	All Tasks		PM/Admin Tasks		Project Tasks	
			Total	% of DECF	Total	% of DECF	Total	% of DECF
Data Governance	Awareness	3	2	67	2	67	2	67
	Basic	11	5	45	5	45	4	36
	Intermediate	7	2	29	2	29	2	29
	Advanced	14	2	14	1	7	1	7
	Expert	13	1	8	1	8	0	0
Data Management	Awareness	2	2	100	2	100	2	100
	Basic	7	4	57	4	57	4	57
	Intermediate	1	1	100	1	100	0	0
	Advanced	14	3	21	1	7	2	14
	Expert	6	0	0	0	0	0	0
Modeling	Awareness	11	11	100	10	91	11	100
	Basic	25	25	100	12	48	25	100
	Intermediate	36	36	100	19	53	36	100
	Advanced	35	29	83	13	37	28	80
	Expert	15	8	53	3	20	8	53
Simulation	Awareness	8	6	75	2	25	6	75
	Basic	8	7	88	5	63	7	88
	Intermediate	16	15	94	2	13	15	94
	Advanced	16	11	69	1	6	11	69
	Expert	8	4	50	0	0	4	50
Artificial Intelligence/ Machine Learning	Awareness	2	0	0	0	0	0	0
	Basic	19	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
Data Visualization	Awareness	2	2	100	2	100	2	100
	Basic	4	1	25	1	25	1	25
	Intermediate	12	7	58	7	58	3	25
	Advanced	2	2	100	2	100	1	50
	Expert	2	0	0	0	0	0	0
Data Analytics	Awareness	2	0	0	0	0	0	0
	Basic	5	3	60	2	40	2	40
	Intermediate	12	7	58	7	58	3	25
	Advanced	17	10	59	9	53	8	47
	Expert	11	0	0	0	0	0	0
Digital Architecting	Awareness	3	3	100	3	100	3	100
	Basic	14	12	86	10	71	12	86
	Intermediate	18	18	100	9	50	18	100
	Advanced	18	18	100	13	72	18	100
	Expert	2	0	0	0	0	0	0
Digital Requirements Modeling	Awareness	1	1	100	1	100	1	100
	Basic	3	3	100	2	67	3	100
	Intermediate	15	15	100	9	60	15	100
	Advanced	4	4	100	3	75	4	100
	Expert	1	1	100	0	0	1	100
Digital Validation and Verification	Awareness	2	1	50	1	50	1	50
	Basic	2	0	0	0	0	0	0
	Intermediate	6	3	50	2	33	2	33
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
	Awareness	11	11	100	9	82	11	100

Model-Based Systems Engineering Processes	Basic	33	31	94	24	73	30	91
	Intermediate	17	16	94	14	82	16	94
	Advanced	35	31	89	13	37	31	89
	Expert	12	6	50	3	25	6	50
Digital Model-Based Reviews	Awareness	2	2	100	1	50	2	100
	Basic	1	1	100	1	100	1	100
	Intermediate	6	6	100	6	100	6	100
	Advanced	5	5	100	5	100	4	80
	Expert	1	0	0	0	0	0	0
Project and Program Management	Awareness	2	2	100	2	100	2	100
	Basic	18	17	94	13	72	9	50
	Intermediate	12	11	92	9	75	7	58
	Advanced	7	7	100	6	86	5	71
	Expert	3	1	33	1	33	0	0
Organizational Development	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	4	1	25	1	25	0	0
	Expert	10	0	0	0	0	0	0
Digital Engineering Policy and Guidance	Awareness	1	1	100	1	100	1	100
	Basic	3	1	33	1	33	0	0
	Intermediate	2	1	50	1	50	0	0
	Advanced	7	2	29	2	29	1	14
	Expert	10	1	10	1	10	1	10
Configuration Management	Awareness	1	1	100	1	100	1	100
	Basic	3	3	100	3	100	3	100
	Intermediate	5	4	80	3	60	4	80
	Advanced	8	2	25	2	25	0	0
	Expert	2	0	0	0	0	0	0
Software Construction	Awareness	1	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	5	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Software Engineering	Awareness	3	0	0	0	0	0	0
	Basic	5	0	0	0	0	0	0
	Intermediate	5	2	40	2	40	0	0
	Advanced	24	5	21	5	21	0	0
	Expert	10	0	0	0	0	0	0
Digital Environment Development	Awareness	1	1	100	1	100	1	100
	Basic	15	4	27	3	20	1	7
	Intermediate	3	2	67	2	67	0	0
	Advanced	15	12	80	8	53	1	7
	Expert	13	1	8	1	8	0	0
Management	Awareness	2	2	100	2	100	1	50
	Basic	2	2	100	2	100	1	50
	Intermediate	1	1	100	1	100	0	0
	Advanced	10	3	30	3	30	0	0
	Expert	8	0	0	0	0	0	0
Communications	Awareness	1	1	100	1	100	1	100
	Basic	2	1	50	1	50	1	50
	Intermediate	1	1	100	1	100	1	100
	Advanced	3	2	67	2	67	0	0
	Expert	5	0	0	0	0	0	0
Planning	Awareness	1	1	100	1	100	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	2	1	50	1	50	0	0

	Advanced	3	1	33	1	33	0	0
	Expert	3	1	33	1	33	0	0
Digital Environment Operations	Awareness	3	2	67	2	67	2	67
	Basic	4	3	75	3	75	2	50
	Intermediate	8	8	100	8	100	1	13
	Advanced	9	7	78	7	78	3	33
	Expert	2	2	100	2	100	0	0
Digital Environment Support	Awareness	3	2	67	2	67	0	0
	Basic	6	3	50	3	50	0	0
	Intermediate	18	17	94	17	94	0	0
	Advanced	25	23	92	23	92	0	0
	Expert	15	10	67	10	67	0	0
Digital Environment Security	Awareness	6	1	17	1	17	1	17
	Basic	2	0	0	0	0	0	0
	Intermediate	7	0	0	0	0	0	0
	Advanced	16	1	6	1	6	0	0
	Expert	11	0	0	0	0	0	0
Digital Literacy	Awareness	4	2	50	2	50	2	50
	Basic	16	14	88	10	63	14	88
	Intermediate	11	5	45	5	45	5	45
	Advanced	41	15	37	13	32	9	22
	Expert	48	18	38	17	35	3	6
Digital Engineering Value Proposition	Awareness	2	2	100	2	100	2	100
	Basic	7	5	71	5	71	4	57
	Intermediate	3	3	100	3	100	3	100
	Advanced	0	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
DoD Policy/ Guidance	Awareness	3	2	67	2	67	2	67
	Basic	0	0	0	0	0	0	0
	Intermediate	0	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Coaching and Mentoring	Awareness	1	1	100	1	100	1	100
	Basic	1	1	100	1	100	1	100
	Intermediate	2	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Decision Making	Awareness	0	0	0	0	0	0	0
	Basic	1	1	100	1	100	0	0
	Intermediate	5	4	80	4	80	1	20
	Advanced	10	6	60	6	60	3	30
	Expert	13	8	62	8	62	1	8
Software Literacy	Awareness	7	2	29	1	14	2	29
	Basic	10	5	50	5	50	2	20
	Intermediate	15	11	73	10	67	1	7
	Advanced	38	23	61	21	55	2	5
	Expert	20	11	55	9	45	2	10

Table C.2.3. KSAB Total and Percentage of DECF KSABs for the Systems Engineer for the System Requirements Definition and Traceability Project Should-Be Team of 50

Competency	Proficiency Level	Number in DECF	All Tasks		PM/Admin Tasks		Project Tasks	
			Total	% of DECF	Total	% of DECF	Total	% of DECF
Data Governance	Awareness	3	2	67	2	67	2	67
	Basic	11	8	73	8	73	4	36
	Intermediate	7	3	43	2	29	3	43
	Advanced	14	8	57	7	50	5	36
	Expert	13	4	31	3	23	1	8
Data Management	Awareness	2	2	100	1	50	2	100
	Basic	7	4	57	4	57	4	57
	Intermediate	1	1	100	1	100	0	0
	Advanced	14	6	43	5	36	5	36
	Expert	6	3	50	3	50	0	0
Modeling	Awareness	11	11	100	8	73	11	100
	Basic	25	25	100	9	36	25	100
	Intermediate	36	36	100	10	28	36	100
	Advanced	35	29	83	15	43	28	80
	Expert	15	9	60	4	27	8	53
Simulation	Awareness	8	8	100	3	38	7	88
	Basic	8	8	100	6	75	7	88
	Intermediate	16	15	94	5	31	15	94
	Advanced	16	15	94	2	13	13	81
	Expert	8	4	50	0	0	4	50
Artificial Intelligence/ Machine Learning	Awareness	2	0	0	0	0	0	0
	Basic	19	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
Data Visualization	Awareness	2	2	100	2	100	2	100
	Basic	4	1	25	1	25	1	25
	Intermediate	12	5	42	5	42	3	25
	Advanced	2	1	50	1	50	1	50
	Expert	2	0	0	0	0	0	0
Data Analytics	Awareness	2	2	100	2	100	0	0
	Basic	5	4	80	4	80	2	40
	Intermediate	12	7	58	6	42	6	50
	Advanced	17	8	47	3	18	8	47
	Expert	11	1	9	0	0	1	9
Digital Architecting	Awareness	3	3	100	3	100	3	100
	Basic	14	13	93	8	57	12	86
	Intermediate	18	18	100	7	39	18	100
	Advanced	18	18	100	14	78	18	100
	Expert	2	1	50	1	50	1	50
Digital Requirements Modeling	Awareness	1	1	100	1	100	1	100
	Basic	3	3	100	0	0	3	100
	Intermediate	15	15	100	1	7	15	100
	Advanced	4	4	100	2	50	4	100
	Expert	1	1	100	1	100	1	100
Digital Validation and Verification	Awareness	2	1	50	1	50	1	50
	Basic	2	2	100	1	50	1	50
	Intermediate	6	6	100	4	67	6	100
	Advanced	3	1	33	1	33	0	0
	Expert	0	0	0	0	0	0	0

Model-Based Systems Engineering Processes	Awareness	11	11	100	11	100	11	100
	Basic	33	32	97	23	70	31	94
	Intermediate	17	16	94	9	53	16	94
	Advanced	35	32	91	15	43	31	89
	Expert	12	7	58	4	33	6	50
Digital Model-Based Reviews	Awareness	2	2	100	2	100	2	100
	Basic	1	1	100	1	100	1	100
	Intermediate	6	6	100	6	100	6	100
	Advanced	5	5	100	5	100	4	80
	Expert	1	0	0	0	0	0	0
Project and Program Management	Awareness	2	2	100	2	100	2	100
	Basic	18	16	89	13	72	12	67
	Intermediate	12	11	92	9	75	8	67
	Advanced	7	7	100	7	100	6	86
	Expert	3	1	33	1	33	0	0
Organizational Development	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	4	2	50	2	50	0	0
	Expert	10	4	40	4	40	0	0
Digital Engineering Policy and Guidance	Awareness	1	1	100	1	100	1	100
	Basic	3	2	67	2	67	0	0
	Intermediate	2	2	100	2	100	0	0
	Advanced	7	6	86	6	86	1	14
	Expert	10	5	50	5	50	1	10
Configuration Management	Awareness	1	1	100	1	100	1	100
	Basic	3	3	100	3	100	3	100
	Intermediate	5	5	100	5	100	4	80
	Advanced	8	8	100	8	100	3	38
	Expert	2	2	100	2	100	0	0
Software Construction	Awareness	1	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	5	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Software Engineering	Awareness	3	0	0	0	0	0	0
	Basic	5	1	20	1	20	0	0
	Intermediate	5	3	60	3	60	0	0
	Advanced	24	8	33	8	33	0	0
	Expert	10	1	10	1	10	0	0
Digital Environment Development	Awareness	1	1	100	1	100	1	100
	Basic	15	5	33	4	27	1	7
	Intermediate	3	2	67	2	67	0	0
	Advanced	15	11	73	11	73	1	7
	Expert	13	1	8	1	8	0	0
Management	Awareness	2	2	100	2	100	1	50
	Basic	2	2	100	2	100	1	50
	Intermediate	1	1	100	1	100	0	0
	Advanced	10	5	50	5	50	0	0
	Expert	8	2	25	2	25	0	0
Communications	Awareness	1	1	100	1	100	1	100
	Basic	2	1	50	1	50	1	50
	Intermediate	1	1	100	1	100	1	100
	Advanced	3	2	67	2	67	0	0
	Expert	5	0	0	0	0	0	0
Planning	Awareness	1	1	100	1	100	0	0
	Basic	2	2	100	2	100	0	0

	Intermediate	2	2	100	2	100	0	0
	Advanced	3	2	67	2	67	0	0
	Expert	3	1	33	1	33	0	0
Digital Environment Operations	Awareness	3	3	100	3	100	2	67
	Basic	4	3	75	3	75	2	50
	Intermediate	8	8	100	8	100	1	13
	Advanced	9	7	78	6	67	3	33
	Expert	2	2	100	2	100	0	0
Digital Environment Support	Awareness	3	2	67	2	67	0	0
	Basic	6	3	50	3	50	0	0
	Intermediate	18	15	83	15	83	0	0
	Advanced	25	23	92	23	92	0	0
	Expert	15	10	67	10	67	0	0
Digital Environment Security	Awareness	6	1	17	1	17	1	17
	Basic	2	1	50	1	50	0	0
	Intermediate	7	3	43	3	43	0	0
	Advanced	16	4	25	4	25	0	0
	Expert	11	6	55	6	55	0	0
Digital Literacy	Awareness	4	2	50	2	50	2	50
	Basic	16	15	94	12	75	14	88
	Intermediate	11	9	82	9	82	5	45
	Advanced	41	29	71	25	61	9	22
	Expert	48	32	67	31	65	3	6
Digital Engineering Value Proposition	Awareness	2	1	50	2	100	2	100
	Basic	7	6	86	6	86	4	57
	Intermediate	3	3	100	3	100	3	100
	Advanced	0	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
DoD Policy/ Guidance	Awareness	3	3	100	3	100	2	67
	Basic	0	0	0	0	0	0	0
	Intermediate	0	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Coaching and Mentoring	Awareness	1	1	100	1	100	1	100
	Basic	1	1	100	1	100	1	100
	Intermediate	2	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Decision Making	Awareness	0	0	0	0	0	0	0
	Basic	1	1	100	1	100	0	0
	Intermediate	5	4	80	4	80	1	20
	Advanced	10	7	70	7	70	3	30
	Expert	13	10	77	10	77	2	15
Software Literacy	Awareness	7	2	29	1	14	2	29
	Basic	10	7	70	6	60	2	20
	Intermediate	15	12	80	11	73	1	7
	Advanced	38	25	66	24	63	2	5
	Expert	20	14	70	13	65	2	10

Table C.2.4. KSAB Total and Percentage of DECF KSABs for the Tech SME for the System Requirements Definition and Traceability Project Should-Be Team of 50

Competency	Proficiency Level	Number in DECF	All Tasks		PM/Admin Tasks		Project Tasks	
			Total	% of DECF	Total	% of DECF	Total	% of DECF
Data Governance	Awareness	3	2	67	0	0	2	67
	Basic	11	4	36	0	0	4	36
	Intermediate	7	2	29	0	0	2	29
	Advanced	14	1	7	0	0	1	7
	Expert	13	0	0	0	0	0	0
Data Management	Awareness	2	2	100	0	0	2	100
	Basic	7	4	57	0	0	4	57
	Intermediate	1	0	0	0	0	0	0
	Advanced	14	2	14	0	0	2	14
	Expert	6	0	0	0	0	0	0
Modeling	Awareness	11	11	100	0	0	11	100
	Basic	25	25	100	0	0	25	100
	Intermediate	36	36	100	0	0	36	100
	Advanced	35	28	80	0	0	28	80
	Expert	15	8	53	0	0	8	53
Simulation	Awareness	8	7	88	0	0	7	88
	Basic	8	7	88	0	0	7	88
	Intermediate	16	15	94	0	0	15	94
	Advanced	16	13	81	0	0	13	81
	Expert	8	4	50	0	0	4	50
Artificial Intelligence/ Machine Learning	Awareness	2	0	0	0	0	0	0
	Basic	19	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
Data Visualization	Awareness	2	2	100	0	0	2	100
	Basic	4	1	25	0	0	1	25
	Intermediate	12	3	25	0	0	3	25
	Advanced	2	1	50	0	0	1	50
	Expert	2	0	0	0	0	0	0
Data Analytics	Awareness	2	0	0	0	0	0	0
	Basic	5	2	40	0	0	2	40
	Intermediate	12	6	50	0	0	6	50
	Advanced	17	8	47	0	0	8	47
	Expert	11	1	9	0	0	1	9
Digital Architecting	Awareness	3	3	100	0	0	3	100
	Basic	14	12	86	0	0	12	86
	Intermediate	18	18	100	0	0	18	100
	Advanced	18	18	100	0	0	18	100
	Expert	2	1	50	0	0	1	50
Digital Requirements Modeling	Awareness	1	1	100	0	0	1	100
	Basic	3	3	100	0	0	3	100
	Intermediate	15	15	100	0	0	15	100
	Advanced	4	4	100	0	0	4	100
	Expert	1	1	100	0	0	1	100
Digital Validation and Verification	Awareness	2	1	50	0	0	1	50
	Basic	2	1	50	0	0	1	50
	Intermediate	6	5	83	0	0	5	83
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
	Awareness	11	11	100	0	0	11	100

Model-Based Systems Engineering Processes	Basic	33	30	91	0	0	30	91
	Intermediate	17	16	94	0	0	16	94
	Advanced	35	31	89	0	0	31	89
	Expert	12	6	50	0	0	6	50
Digital Model-Based Reviews	Awareness	2	2	100	0	0	2	100
	Basic	1	1	100	0	0	1	100
	Intermediate	6	6	100	0	0	6	100
	Advanced	5	4	80	0	0	4	80
	Expert	1	0	0	0	0	0	0
Project and Program Management	Awareness	2	2	100	0	0	2	100
	Basic	18	9	50	0	0	9	50
	Intermediate	12	7	58	0	0	7	58
	Advanced	7	5	71	0	0	5	71
	Expert	3	0	0	0	0	0	0
Organizational Development	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	4	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
Digital Engineering Policy and Guidance	Awareness	1	1	100	0	0	1	100
	Basic	3	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0
	Advanced	7	1	14	0	0	1	14
	Expert	10	0	10	0	0	0	10
Configuration Management	Awareness	1	1	100	0	0	1	100
	Basic	3	3	100	0	0	3	100
	Intermediate	5	4	80	0	0	4	80
	Advanced	8	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Software Construction	Awareness	1	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	5	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Software Engineering	Awareness	3	0	0	0	0	0	0
	Basic	5	0	0	0	0	0	0
	Intermediate	5	0	0	0	0	0	0
	Advanced	24	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
Digital Environment Development	Awareness	1	1	100	0	0	1	100
	Basic	15	1	7	0	0	1	7
	Intermediate	3	0	0	0	0	0	0
	Advanced	15	1	7	0	0	1	7
	Expert	13	0	0	0	0	0	0
Management	Awareness	2	1	50	0	0	1	50
	Basic	2	1	50	0	0	1	50
	Intermediate	1	0	0	0	0	0	0
	Advanced	10	0	0	0	0	0	0
	Expert	8	0	0	0	0	0	0
Communications	Awareness	1	1	100	0	0	1	100
	Basic	2	1	50	0	0	1	50
	Intermediate	1	1	100	0	0	1	100
	Advanced	3	0	0	0	0	0	0
	Expert	5	0	0	0	0	0	0
Planning	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0

	Advanced	3	0	0	0	0	0	0
	Expert	3	0	0	0	0	0	0
Digital Environment Operations	Awareness	3	2	67	0	0	2	67
	Basic	4	2	50	0	0	2	50
	Intermediate	8	1	13	0	0	1	13
	Advanced	9	3	33	0	0	3	33
	Expert	2	0	0	0	0	0	0
Digital Environment Support	Awareness	3	0	0	0	0	0	0
	Basic	6	0	0	0	0	0	0
	Intermediate	18	0	0	0	0	0	0
	Advanced	25	0	0	0	0	0	0
	Expert	15	0	0	0	0	0	0
Digital Environment Security	Awareness	6	1	17	0	0	1	17
	Basic	2	0	0	0	0	0	0
	Intermediate	7	0	0	0	0	0	0
	Advanced	16	0	0	0	0	0	0
	Expert	11	0	0	0	0	0	0
Digital Literacy	Awareness	4	2	50	0	0	2	50
	Basic	16	14	88	0	0	14	88
	Intermediate	11	5	45	0	0	5	45
	Advanced	41	9	22	0	0	9	22
	Expert	48	3	6	0	0	3	6
Digital Engineering Value Proposition	Awareness	2	2	100	0	0	2	100
	Basic	7	4	57	0	0	4	57
	Intermediate	3	3	100	0	0	3	100
	Advanced	0	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
DoD Policy/ Guidance	Awareness	3	2	67	0	0	2	67
	Basic	0	0	0	0	0	0	0
	Intermediate	0	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Coaching and Mentoring	Awareness	1	1	100	0	0	1	100
	Basic	1	1	100	0	0	1	100
	Intermediate	2	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Decision Making	Awareness	0	0	0	0	0	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	5	1	20	0	0	1	20
	Advanced	10	3	30	0	0	3	30
	Expert	13	1	8	0	0	1	8
Software Literacy	Awareness	7	2	29	0	0	2	29
	Basic	10	2	20	0	0	2	20
	Intermediate	15	1	7	0	0	1	7
	Advanced	38	2	5	0	0	2	5
	Expert	20	2	10	0	0	2	10

Table C.2.5. KSAB Total and Percentage of DECF KSABs for the MBSE SME for the System Requirements Definition and Traceability Project Should-Be Team of 50

Competency	Proficiency Level	Number in DECF	All Tasks		PM/Admin Tasks		Project Tasks	
			Total	% of DECF	Total	% of DECF	Total	% of DECF
Data Governance	Awareness	3	2	67	2	67	2	67
	Basic	11	8	73	8	73	5	45
	Intermediate	7	3	43	2	29	3	43
	Advanced	14	6	43	4	29	5	36
	Expert	13	3	23	2	15	1	8
Data Management	Awareness	2	2	100	2	100	2	100
	Basic	7	4	57	4	57	4	57
	Intermediate	1	1	100	1	100	0	0
	Advanced	14	5	36	3	21	5	36
	Expert	6	3	50	3	50	0	0
Modeling	Awareness	11	11	100	6	55	11	100
	Basic	25	25	100	7	28	25	100
	Intermediate	36	36	100	7	19	36	100
	Advanced	35	28	83	8	23	28	80
	Expert	15	8	53	1	7	8	53
Simulation	Awareness	8	7	88	1	13	7	88
	Basic	8	7	88	4	50	7	88
	Intermediate	16	15	94	1	6	15	94
	Advanced	16	14	88	1	6	13	81
	Expert	8	4	50	0	0	4	50
Artificial Intelligence/ Machine Learning	Awareness	2	0	0	0	0	0	0
	Basic	19	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
Data Visualization	Awareness	2	2	100	2	100	2	100
	Basic	4	1	25	1	25	1	25
	Intermediate	12	5	42	5	42	3	25
	Advanced	2	1	50	1	50	1	50
	Expert	2	0	0	0	0	0	0
Data Analytics	Awareness	2	2	100	2	100	0	0
	Basic	5	4	80	4	80	2	40
	Intermediate	12	7	58	4	33	6	50
	Advanced	17	8	47	3	18	8	47
	Expert	11	1	9	0	0	1	9
Digital Architecting	Awareness	3	3	100	0	0	3	100
	Basic	14	12	86	0	0	12	86
	Intermediate	18	18	100	6	33	18	100
	Advanced	18	18	100	9	50	18	100
	Expert	2	1	50	0	0	1	50
Digital Requirements Modeling	Awareness	1	1	100	0	0	1	100
	Basic	3	3	100	0	0	3	100
	Intermediate	15	15	100	1	7	15	100
	Advanced	4	4	100	2	50	4	100
	Expert	1	1	100	0	0	1	100
Digital Validation and Verification	Awareness	2	1	50	1	50	1	50
	Basic	2	1	50	0	0	1	50
	Intermediate	6	6	100	2	33	5	83
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
	Awareness	11	11	100	8	73	11	100

Model-Based Systems Engineering Processes	Basic	33	32	97	15	45	31	94
	Intermediate	17	16	94	4	24	16	94
	Advanced	35	31	89	7	20	31	89
	Expert	12	7	58	3	25	6	50
Digital Model-Based Reviews	Awareness	2	2	100	1	50	2	100
	Basic	1	1	100	1	100	1	100
	Intermediate	6	6	100	6	100	6	100
	Advanced	5	5	100	5	100	4	80
	Expert	1	0	0	0	0	0	0
Project and Program Management	Awareness	2	2	100	1	50	2	100
	Basic	18	14	78	7	39	12	67
	Intermediate	12	9	75	3	25	8	67
	Advanced	7	6	86	3	43	6	86
	Expert	3	0	0	0	0	0	0
Organizational Development	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	4	1	25	1	25	0	0
	Expert	10	0	0	0	0	0	0
Digital Engineering Policy and Guidance	Awareness	1	1	100	0	0	1	100
	Basic	3	1	33	1	33	0	0
	Intermediate	2	1	50	1	50	0	0
	Advanced	7	2	29	1	14	1	14
	Expert	10	1	10	0	0	1	10
Configuration Management	Awareness	1	1	100	1	100	1	100
	Basic	3	3	100	2	67	3	100
	Intermediate	5	4	80	3	60	4	80
	Advanced	8	7	88	6	75	3	38
	Expert	2	0	0	0	0	0	0
Software Construction	Awareness	1	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	5	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Software Engineering	Awareness	3	0	0	0	0	0	0
	Basic	5	0	0	0	0	0	0
	Intermediate	5	2	40	2	40	0	0
	Advanced	24	6	25	6	25	0	0
	Expert	10	0	0	0	0	0	0
Digital Environment Development	Awareness	1	1	100	1	100	1	100
	Basic	15	3	20	2	13	1	7
	Intermediate	3	2	67	2	67	0	0
	Advanced	15	9	60	9	60	1	7
	Expert	13	1	8	1	8	0	0
Management	Awareness	2	2	100	2	100	1	50
	Basic	2	2	100	2	100	1	50
	Intermediate	1	1	100	1	100	0	0
	Advanced	10	4	40	4	40	0	0
	Expert	8	0	0	0	0	0	0
Communications	Awareness	1	1	100	1	100	1	100
	Basic	2	1	50	1	50	1	50
	Intermediate	1	1	100	1	100	1	100
	Advanced	3	2	67	2	67	0	0
	Expert	5	0	0	0	0	0	0
Planning	Awareness	1	1	100	1	100	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	2	1	50	1	50	0	0

	Advanced	3	1	33	1	33	0	0
	Expert	3	1	33	1	33	0	0
Digital Environment Operations	Awareness	3	3	100	3	100	2	67
	Basic	4	3	75	3	75	2	50
	Intermediate	8	8	100	8	100	1	13
	Advanced	9	7	78	6	67	3	33
	Expert	2	2	100	2	100	0	0
Digital Environment Support	Awareness	3	2	67	2	67	0	0
	Basic	6	3	50	3	50	0	0
	Intermediate	18	17	94	17	94	0	0
	Advanced	25	23	92	23	92	0	0
	Expert	15	10	67	10	67	0	0
Digital Environment Security	Awareness	6	1	17	1	17	1	17
	Basic	2	0	0	0	0	0	0
	Intermediate	7	0	0	0	0	0	0
	Advanced	16	1	6	1	6	0	0
	Expert	11	0	0	0	0	0	0
Digital Literacy	Awareness	4	2	50	2	50	2	50
	Basic	16	15	94	12	75	14	88
	Intermediate	11	7	64	6	55	5	45
	Advanced	41	16	39	12	29	9	22
	Expert	48	22	46	21	44	3	6
Digital Engineering Value Proposition	Awareness	2	2	100	2	100	2	100
	Basic	7	4	57	4	57	4	57
	Intermediate	3	3	100	3	100	3	100
	Advanced	0	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
DoD Policy/ Guidance	Awareness	3	2	67	2	67	2	67
	Basic	0	0	0	0	0	0	0
	Intermediate	0	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Coaching and Mentoring	Awareness	1	0	0	0	0	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	2	2	100	2	100	2	100
	Advanced	3	3	100	3	100	3	100
	Expert	2	2	100	2	100	2	100
Decision Making	Awareness	0	0	0	0	0	0	0
	Basic	1	1	100	1	100	0	0
	Intermediate	5	3	60	3	60	1	20
	Advanced	10	7	70	7	70	3	30
	Expert	13	7	54	7	54	1	8
Software Literacy	Awareness	7	2	29	1	14	2	29
	Basic	10	6	60	5	50	2	20
	Intermediate	15	11	73	10	67	1	7
	Advanced	38	23	61	21	55	2	5
	Expert	20	11	55	9	45	2	10

Table C.2.6. KSAB Total and Percentage of DECF KSABs for the Program Security Specialist for the System Requirements Definition and Traceability Project Should-Be Team of 50

Competency	Proficiency Level	Number in DECF	All Tasks		PM/Admin Tasks		Project Tasks	
			Total	% of DECF	Total	% of DECF	Total	% of DECF
Data Governance	Awareness	3	0	0	0	0	0	0
	Basic	11	3	27	3	27	0	0
	Intermediate	7	1	14	1	14	0	0
	Advanced	14	5	36	5	36	0	0
	Expert	13	2	15	2	15	0	0
Data Management	Awareness	2	2	100	2	100	0	0
	Basic	7	4	57	4	57	0	0
	Intermediate	1	1	100	1	100	0	0
	Advanced	14	10	71	10	71	0	0
	Expert	6	2	33	2	33	0	0
Modeling	Awareness	11	6	55	6	55	0	0
	Basic	25	5	20	5	20	0	0
	Intermediate	36	10	28	10	28	0	0
	Advanced	35	4	11	4	11	0	0
	Expert	15	0	0	0	0	0	0
Simulation	Awareness	8	1	13	1	13	0	0
	Basic	8	4	50	4	50	0	0
	Intermediate	16	0	0	0	0	0	0
	Advanced	16	0	0	0	0	0	0
	Expert	8	0	0	0	0	0	0
Artificial Intelligence/ Machine Learning	Awareness	2	1	50	1	50	0	0
	Basic	19	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
Data Visualization	Awareness	2	0	0	0	0	0	0
	Basic	4	0	0	0	0	0	0
	Intermediate	12	0	0	0	0	0	0
	Advanced	2	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Data Analytics	Awareness	2	2	100	2	100	0	0
	Basic	5	1	20	1	20	0	0
	Intermediate	12	0	0	0	0	0	0
	Advanced	17	1	6	1	6	0	0
	Expert	11	0	0	0	0	0	0
Digital Architecting	Awareness	3	0	0	0	0	0	0
	Basic	14	0	0	0	0	0	0
	Intermediate	18	2	11	2	11	0	0
	Advanced	18	3	17	3	17	0	0
	Expert	2	0	0	0	0	0	0
Digital Requirements Modeling	Awareness	1	0	0	0	0	0	0
	Basic	3	0	0	0	0	0	0
	Intermediate	15	0	0	0	0	0	0
	Advanced	4	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Digital Validation and Verification	Awareness	2	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	6	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
	Awareness	11	8	73	8	73	0	0

Model-Based Systems Engineering Processes	Basic	33	16	48	16	48	0	0
	Intermediate	17	6	35	6	35	0	0
	Advanced	35	5	14	5	14	0	0
	Expert	12	0	0	0	0	0	0
Digital Model-Based Reviews	Awareness	2	0	0	0	0	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	6	0	0	0	0	0	0
	Advanced	5	0	0	0	0	0	0
Project and Program Management	Expert	1	0	0	0	0	0	0
	Awareness	2	0	0	0	0	0	0
	Basic	18	0	0	0	0	0	0
	Intermediate	12	1	8	1	8	0	0
Organizational Development	Advanced	7	0	0	0	0	0	0
	Expert	3	0	0	0	0	0	0
	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
Digital Engineering Policy and Guidance	Intermediate	1	0	0	0	0	0	0
	Advanced	4	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
	Awareness	1	0	0	0	0	0	0
Configuration Management	Basic	3	2	67	2	67	0	0
	Intermediate	5	2	40	2	40	0	0
	Advanced	8	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Software Construction	Awareness	1	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	5	0	0	0	0	0	0
Software Engineering	Expert	1	0	0	0	0	0	0
	Awareness	3	0	0	0	0	0	0
	Basic	5	1	20	1	20	0	0
	Intermediate	5	2	40	2	40	0	0
Digital Environment Development	Advanced	24	4	17	4	17	0	0
	Expert	10	4	40	4	40	0	0
	Awareness	1	1	100	1	100	0	0
	Basic	15	3	20	3	20	0	0
Management	Intermediate	3	3	100	3	100	0	0
	Advanced	15	10	67	10	67	0	0
	Expert	13	8	62	8	62	0	0
	Awareness	2	1	50	1	50	0	0
Communications	Basic	2	1	50	1	50	0	0
	Intermediate	1	1	100	1	100	0	0
	Advanced	10	3	30	3	30	0	0
	Expert	8	0	0	0	0	0	0
Planning	Awareness	1	1	100	1	100	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	3	2	67	2	67	0	0
Planning	Expert	5	0	0	0	0	0	0
	Awareness	1	1	100	1	100	0	0
	Basic	2	1	50	1	50	0	0
Planning	Intermediate	2	1	50	1	50	0	0

	Advanced	3	1	33	1	33	0	0
	Expert	3	0	0	0	0	0	0
Digital Environment Operations	Awareness	3	3	100	3	100	0	0
	Basic	4	4	100	4	100	0	0
	Intermediate	8	8	100	8	100	0	0
	Advanced	9	7	78	7	78	0	0
	Expert	2	2	100	2	100	0	0
Digital Environment Support	Awareness	3	2	67	2	67	0	0
	Basic	6	3	50	3	50	0	0
	Intermediate	18	18	100	18	100	0	0
	Advanced	25	23	92	23	92	0	0
	Expert	15	9	60	9	60	0	0
Digital Environment Security	Awareness	6	6	100	6	100	0	0
	Basic	2	2	100	2	100	0	0
	Intermediate	7	7	100	7	100	0	0
	Advanced	16	16	100	16	100	0	0
	Expert	11	11	100	11	100	0	0
Digital Literacy	Awareness	4	3	75	3	75	0	0
	Basic	16	12	75	12	75	0	0
	Intermediate	11	9	82	9	82	0	0
	Advanced	41	16	39	16	39	0	0
	Expert	48	19	40	19	40	0	0
Digital Engineering Value Proposition	Awareness	2	2	100	2	100	0	0
	Basic	7	4	57	4	57	0	0
	Intermediate	3	3	100	3	100	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
DoD Policy/ Guidance	Awareness	3	2	67	2	67	0	0
	Basic	0	0	0	0	0	0	0
	Intermediate	0	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Coaching and Mentoring	Awareness	1	1	100	1	100	0	0
	Basic	1	1	100	1	100	0	0
	Intermediate	2	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Decision Making	Awareness	0	0	0	0	0	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	5	3	60	3	60	0	0
	Advanced	10	8	80	8	80	0	0
	Expert	13	2	15	2	15	0	0
Software Literacy	Awareness	7	4	57	4	57	0	0
	Basic	10	7	70	7	70	0	0
	Intermediate	15	12	80	12	80	0	0
	Advanced	38	30	79	30	79	0	0
	Expert	20	14	70	14	70	0	0

Table C.2.7. KSAB Total and Percentage of DECF KSABs for the IT Specialist for the System Requirements Definition and Traceability Project Should-Be Team of 50

Competency	Proficiency Level	Number in DECF	All Tasks		PM/Admin Tasks		Project Tasks	
			Total	% of DECF	Total	% of DECF	Total	% of DECF
Data Governance	Awareness	3	0	0	0	0	0	0
	Basic	11	3	27	3	27	0	0
	Intermediate	7	1	14	1	14	0	0
	Advanced	14	4	29	5	29	0	0
	Expert	13	2	15	2	15	0	0
Data Management	Awareness	2	2	100	2	100	0	0
	Basic	7	4	57	4	57	0	0
	Intermediate	1	1	100	1	100	0	0
	Advanced	14	10	71	10	71	0	0
	Expert	6	1	17	2	17	0	0
Modeling	Awareness	11	0	0	6	0	0	0
	Basic	25	1	4	5	4	0	0
	Intermediate	36	2	6	10	6	0	0
	Advanced	35	1	3	4	3	0	0
	Expert	15	0	0	0	0	0	0
Simulation	Awareness	8	0	0	1	0	0	0
	Basic	8	0	0	4	0	0	0
	Intermediate	16	1	6	0	6	0	0
	Advanced	16	0	0	0	0	0	0
	Expert	8	0	0	0	0	0	0
Artificial Intelligence/ Machine Learning	Awareness	2	1	50	1	50	0	0
	Basic	19	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
Data Visualization	Awareness	2	0	0	0	0	0	0
	Basic	4	0	0	0	0	0	0
	Intermediate	12	1	8	0	8	0	0
	Advanced	2	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Data Analytics	Awareness	2	2	100	2	100	0	0
	Basic	5	1	20	1	20	0	0
	Intermediate	12	1	8	0	8	0	0
	Advanced	17	0	0	1	0	0	0
	Expert	11	0	0	0	0	0	0
Digital Architecting	Awareness	3	0	0	0	0	0	0
	Basic	14	0	0	0	0	0	0
	Intermediate	18	0	0	2	0	0	0
	Advanced	18	1	6	3	6	0	0
	Expert	2	0	0	0	0	0	0
Digital Requirements Modeling	Awareness	1	0	0	0	0	0	0
	Basic	3	0	0	0	0	0	0
	Intermediate	15	0	0	0	0	0	0
	Advanced	4	1	25	0	25	0	0
	Expert	1	0	0	0	0	0	0
Digital Validation and Verification	Awareness	2	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	6	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
	Awareness	11	0	0	0	0	0	0

Model-Based Systems Engineering Processes	Basic	33	0	0	0	0	0	0
	Intermediate	17	0	0	0	0	0	0
	Advanced	35	1	3	1	3	0	0
	Expert	12	0	0	0	0	0	0
Digital Model-Based Reviews	Awareness	2	0	0	0	0	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	6	0	0	0	0	0	0
	Advanced	5	0	0	0	0	0	0
Project and Program Management	Expert	1	0	0	0	0	0	0
	Awareness	2	1	50	1	50	0	0
	Basic	18	0	0	0	0	0	0
	Intermediate	12	2	17	2	17	0	0
	Advanced	7	1	14	1	14	0	0
Organizational Development	Expert	3	0	0	0	0	0	0
	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	4	1	25	1	25	0	0
Digital Engineering Policy and Guidance	Expert	10	0	0	0	0	0	0
	Awareness	1	0	0	0	0	0	0
	Basic	3	1	33	1	33	0	0
	Intermediate	2	1	50	1	50	0	0
	Advanced	7	1	14	1	14	0	0
Configuration Management	Expert	10	0	0	0	0	0	0
	Awareness	1	0	0	0	0	0	0
	Basic	3	0	0	0	0	0	0
	Intermediate	5	0	0	0	0	0	0
	Advanced	8	2	25	2	25	0	0
Software Construction	Expert	2	0	0	0	0	0	0
	Awareness	1	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	5	1	20	1	20	0	0
Software Engineering	Expert	1	0	0	0	0	0	0
	Awareness	3	0	0	0	0	0	0
	Basic	5	1	20	1	20	0	0
	Intermediate	5	3	60	3	60	0	0
	Advanced	24	9	38	9	38	0	0
Digital Environment Development	Expert	10	0	0	0	0	0	0
	Awareness	1	1	100	1	100	0	0
	Basic	15	3	20	3	20	0	0
	Intermediate	3	3	100	3	100	0	0
	Advanced	15	11	73	11	73	0	0
Management	Expert	13	7	54	7	54	0	0
	Awareness	2	1	50	1	50	0	0
	Basic	2	1	50	1	50	0	0
	Intermediate	1	1	100	1	100	0	0
	Advanced	10	4	40	4	40	0	0
Communications	Expert	8	0	0	0	0	0	0
	Awareness	1	1	100	1	100	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	3	2	67	2	67	0	0
Planning	Expert	5	0	0	0	0	0	0
	Awareness	1	1	100	1	100	0	0
	Basic	2	1	50	1	50	0	0
	Intermediate	2	2	100	2	100	0	0

	Advanced	3	2	67	2	67	0	0
	Expert	3	1	33	1	33	0	0
Digital Environment Operations	Awareness	3	3	100	3	100	0	0
	Basic	4	4	100	4	100	0	0
	Intermediate	8	8	100	8	100	0	0
	Advanced	9	7	78	7	78	0	0
	Expert	2	2	100	2	100	0	0
Digital Environment Support	Awareness	3	2	67	2	67	0	0
	Basic	6	4	67	4	67	0	0
	Intermediate	18	18	100	18	100	0	0
	Advanced	25	23	92	23	92	0	0
	Expert	15	10	67	10	67	0	0
Digital Environment Security	Awareness	6	6	100	6	100	0	0
	Basic	2	2	100	2	100	0	0
	Intermediate	7	7	100	7	100	0	0
	Advanced	16	16	100	16	100	0	0
	Expert	11	11	100	11	100	0	0
Digital Literacy	Awareness	4	2	50	2	50	0	0
	Basic	16	6	38	6	38	0	0
	Intermediate	11	5	45	5	45	0	0
	Advanced	41	13	32	13	32	0	0
	Expert	48	17	35	17	35	0	0
Digital Engineering Value Proposition	Awareness	2	2	100	2	100	0	0
	Basic	7	3	43	3	43	0	0
	Intermediate	3	3	100	3	100	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
DoD Policy/ Guidance	Awareness	3	2	67	2	67	0	0
	Basic	0	0	0	0	0	0	0
	Intermediate	0	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Coaching and Mentoring	Awareness	1	1	100	1	100	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Decision Making	Awareness	0	0	0	0	0	0	0
	Basic	1	1	100	1	100	0	0
	Intermediate	5	3	60	3	60	0	0
	Advanced	10	8	80	8	80	0	0
	Expert	13	5	38	5	38	0	0
Software Literacy	Awareness	7	4	57	4	57	0	0
	Basic	10	7	70	7	70	0	0
	Intermediate	15	13	87	13	87	0	0
	Advanced	38	31	82	31	82	0	0
	Expert	20	12	60	12	60	0	0

Table C.2.8. KSAB Total and Percentage of DECF KSABs for the Physical Security Specialist for the System Requirements Definition and Traceability Project Should-Be Team of 50

Competency	Proficiency Level	Number in DECF	All Tasks		PM/Admin Tasks		Project Tasks	
			Total	% of DECF	Total	% of DECF	Total	% of DECF
Data Governance	Awareness	3	0	0	0	0	0	0
	Basic	11	1	9	1	9	0	0
	Intermediate	7	0	0	0	0	0	0
	Advanced	14	0	0	0	0	0	0
	Expert	13	0	0	0	0	0	0
Data Management	Awareness	2	0	0	0	0	0	0
	Basic	7	1	14	1	14	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	14	1	7	1	7	0	0
	Expert	6	0	0	0	0	0	0
Modeling	Awareness	11	0	0	0	0	0	0
	Basic	25	0	0	0	0	0	0
	Intermediate	36	0	0	0	0	0	0
	Advanced	35	0	0	0	0	0	0
	Expert	15	0	0	0	0	0	0
Simulation	Awareness	8	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	16	0	0	0	0	0	0
	Advanced	16	0	0	0	0	0	0
	Expert	8	0	0	0	0	0	0
Artificial Intelligence/ Machine Learning	Awareness	2	0	0	0	0	0	0
	Basic	19	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
Data Visualization	Awareness	2	0	0	0	0	0	0
	Basic	4	0	0	0	0	0	0
	Intermediate	12	0	0	0	0	0	0
	Advanced	2	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Data Analytics	Awareness	2	0	0	0	0	0	0
	Basic	5	0	0	0	0	0	0
	Intermediate	12	0	0	0	0	0	0
	Advanced	17	0	0	0	0	0	0
	Expert	11	0	0	0	0	0	0
Digital Architecting	Awareness	3	0	0	0	0	0	0
	Basic	14	0	0	0	0	0	0
	Intermediate	18	0	0	0	0	0	0
	Advanced	18	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Digital Requirements Modeling	Awareness	1	0	0	0	0	0	0
	Basic	3	0	0	0	0	0	0
	Intermediate	15	0	0	0	0	0	0
	Advanced	4	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Digital Validation and Verification	Awareness	2	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	6	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
	Awareness	11	0	0	0	0	0	0

Model-Based Systems Engineering Processes	Basic	33	0	0	0	0	0	0
	Intermediate	17	0	0	0	0	0	0
	Advanced	35	0	0	0	0	0	0
	Expert	12	0	0	0	0	0	0
Digital Model-Based Reviews	Awareness	2	0	0	0	0	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	6	0	0	0	0	0	0
	Advanced	5	0	0	0	0	0	0
Project and Program Management	Expert	1	0	0	0	0	0	0
	Awareness	2	0	0	0	0	0	0
	Basic	18	0	0	0	0	0	0
	Intermediate	12	0	0	0	0	0	0
Organizational Development	Advanced	7	0	0	0	0	0	0
	Expert	3	0	0	0	0	0	0
	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
Digital Engineering Policy and Guidance	Intermediate	1	0	0	0	0	0	0
	Advanced	4	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
	Awareness	1	0	0	0	0	0	0
Configuration Management	Basic	3	0	0	0	0	0	0
	Intermediate	5	0	0	0	0	0	0
	Advanced	8	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Software Construction	Awareness	1	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	5	1	20	1	20	0	0
Software Engineering	Expert	1	0	0	0	0	0	0
	Awareness	3	0	0	0	0	0	0
	Basic	5	0	0	0	0	0	0
	Intermediate	5	0	0	0	0	0	0
Digital Environment Development	Advanced	24	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
	Awareness	1	1	100	1	100	0	0
	Basic	15	0	0	0	0	0	0
Management	Intermediate	3	0	0	0	0	0	0
	Advanced	15	0	0	0	0	0	0
	Expert	13	0	0	0	0	0	0
	Awareness	2	0	0	0	0	0	0
Communications	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	5	0	0	0	0	0	0
Planning	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0

	Advanced	3	0	0	0	0	0	0
	Expert	3	0	0	0	0	0	0
Digital Environment Operations	Awareness	3	0	0	0	0	0	0
	Basic	4	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	9	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Digital Environment Support	Awareness	3	0	0	0	0	0	0
	Basic	6	0	0	0	0	0	0
	Intermediate	18	0	0	0	0	0	0
	Advanced	25	1	4	1	4	0	0
	Expert	15	0	0	0	0	0	0
Digital Environment Security	Awareness	6	4	67	4	67	0	0
	Basic	2	2	100	2	100	0	0
	Intermediate	7	2	29	2	29	0	0
	Advanced	16	7	44	7	44	0	0
	Expert	11	2	18	2	18	0	0
Digital Literacy	Awareness	4	0	0	0	0	0	0
	Basic	16	1	6	1	6	0	0
	Intermediate	11	3	27	3	27	0	0
	Advanced	41	2	5	2	5	0	0
	Expert	48	2	4	2	4	0	0
Digital Engineering Value Proposition	Awareness	2	2	100	2	100	0	0
	Basic	7	1	14	1	14	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
DoD Policy/ Guidance	Awareness	3	0	0	0	0	0	0
	Basic	0	0	0	0	0	0	0
	Intermediate	0	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Coaching and Mentoring	Awareness	1	1	100	1	100	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Decision Making	Awareness	0	0	0	0	0	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	5	1	20	1	20	0	0
	Advanced	10	6	60	6	60	0	0
	Expert	13	1	8	1	8	0	0
Software Literacy	Awareness	7	1	14	1	14	0	0
	Basic	10	1	10	1	10	0	0
	Intermediate	15	2	13	2	13	0	0
	Advanced	38	5	13	5	13	0	0
	Expert	20	0	0	0	0	0	0

Table C.2.9. KSAB Total and Percentage of DECF KSABs for the Configuration Control Specialist for the System Requirements Definition and Traceability Project Should-Be Team of 50

Competency	Proficiency Level	Number in DECF	All Tasks		PM/Admin Tasks		Project Tasks	
			Total	% of DECF	Total	% of DECF	Total	% of DECF
Data Governance	Awareness	3	2	67	2	67	0	0
	Basic	11	4	36	4	36	0	0
	Intermediate	7	2	29	2	29	0	0
	Advanced	14	4	29	4	29	0	0
	Expert	13	0	0	0	0	0	0
Data Management	Awareness	2	2	100	2	100	0	0
	Basic	7	4	57	4	57	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	14	3	21	3	21	0	0
	Expert	6	2	33	2	33	0	0
Modeling	Awareness	11	2	18	2	18	0	0
	Basic	25	1	4	1	4	0	0
	Intermediate	36	3	8	3	8	0	0
	Advanced	35	7	20	7	20	0	0
	Expert	15	1	7	1	7	0	0
Simulation	Awareness	8	1	13	1	13	0	0
	Basic	8	4	50	4	50	0	0
	Intermediate	16	2	13	2	13	0	0
	Advanced	16	0	0	0	0	0	0
	Expert	8	0	0	0	0	0	0
Artificial Intelligence/ Machine Learning	Awareness	2	0	0	0	0	0	0
	Basic	19	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
Data Visualization	Awareness	2	2	100	2	100	0	0
	Basic	4	1	25	1	25	0	0
	Intermediate	12	3	25	3	25	0	0
	Advanced	2	1	50	1	50	0	0
	Expert	2	0	0	0	0	0	0
Data Analytics	Awareness	2	0	0	0	0	0	0
	Basic	5	0	0	0	0	0	0
	Intermediate	12	0	0	0	0	0	0
	Advanced	17	1	6	1	6	0	0
	Expert	11	0	0	0	0	0	0
Digital Architecting	Awareness	3	0	0	0	0	0	0
	Basic	14	2	14	2	14	0	0
	Intermediate	18	1	6	1	6	0	0
	Advanced	18	3	17	3	17	0	0
	Expert	2	0	0	0	0	0	0
Digital Requirements Modeling	Awareness	1	0	0	0	0	0	0
	Basic	3	0	0	0	0	0	0
	Intermediate	15	1	7	1	7	0	0
	Advanced	4	1	25	1	25	0	0
	Expert	1	0	0	0	0	0	0
Digital Validation and Verification	Awareness	2	1	50	1	50	0	0
	Basic	2	1	50	1	50	0	0
	Intermediate	6	3	50	3	50	0	0
	Advanced	3	1	33	1	33	0	0
	Expert	0	0	0	0	0	0	0
	Awareness	11	1	9	1	9	0	0

Model-Based Systems Engineering Processes	Basic	33	1	3	1	3	0	0
	Intermediate	17	1	6	1	6	0	0
	Advanced	35	5	14	5	14	0	0
	Expert	12	0	0	0	0	0	0
Digital Model-Based Reviews	Awareness	2	2	100	2	100	0	0
	Basic	1	1	100	1	100	0	0
	Intermediate	6	3	50	3	50	0	0
	Advanced	5	2	40	2	40	0	0
	Expert	1	0	0	0	0	0	0
Project and Program Management	Awareness	2	1	50	1	50	0	0
	Basic	18	0	0	0	0	0	0
	Intermediate	12	1	8	1	8	0	0
	Advanced	7	0	0	0	0	0	0
	Expert	3	0	0	0	0	0	0
Organizational Development	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	4	1	25	1	25	0	0
	Expert	10	1	10	1	10	0	0
Digital Engineering Policy and Guidance	Awareness	1	1	100	1	100	0	0
	Basic	3	1	33	1	33	0	0
	Intermediate	2	2	100	2	100	0	0
	Advanced	7	6	86	6	86	0	0
	Expert	10	5	50	5	50	0	0
Configuration Management	Awareness	1	1	100	1	100	0	0
	Basic	3	3	100	3	100	0	0
	Intermediate	5	5	100	5	100	0	0
	Advanced	8	8	100	8	100	0	0
	Expert	2	2	100	2	100	0	0
Software Construction	Awareness	1	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	5	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Software Engineering	Awareness	3	0	0	0	0	0	0
	Basic	5	0	0	0	0	0	0
	Intermediate	5	0	0	0	0	0	0
	Advanced	24	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
Digital Environment Development	Awareness	1	1	100	1	100	0	0
	Basic	15	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	15	1	7	1	7	0	0
	Expert	13	0	0	0	0	0	0
Management	Awareness	2	1	50	1	50	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	10	1	10	1	10	0	0
	Expert	8	0	0	0	0	0	0
Communications	Awareness	1	1	100	1	100	0	0
	Basic	2	1	50	1	50	0	0
	Intermediate	1	1	100	1	100	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	5	0	0	0	0	0	0
Planning	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0

	Advanced	3	0	0	0	0	0	0
	Expert	3	0	0	0	0	0	0
Digital Environment Operations	Awareness	3	2	67	2	67	0	0
	Basic	4	2	50	2	50	0	0
	Intermediate	8	1	13	1	13	0	0
	Advanced	9	2	22	2	22	0	0
	Expert	2	0	0	0	0	0	0
Digital Environment Support	Awareness	3	1	33	1	33	0	0
	Basic	6	0	0	0	0	0	0
	Intermediate	18	0	0	0	0	0	0
	Advanced	25	2	8	2	8	0	0
	Expert	15	0	0	0	0	0	0
Digital Environment Security	Awareness	6	1	17	1	17	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	7	0	0	0	0	0	0
	Advanced	16	0	0	0	0	0	0
	Expert	11	0	0	0	0	0	0
Digital Literacy	Awareness	4	1	25	1	25	0	0
	Basic	16	4	25	4	25	0	0
	Intermediate	11	3	27	3	27	0	0
	Advanced	41	4	10	4	10	0	0
	Expert	48	10	21	10	21	0	0
Digital Engineering Value Proposition	Awareness	2	2	100	2	100	0	0
	Basic	7	2	29	2	29	0	0
	Intermediate	3	3	100	3	100	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
DoD Policy/ Guidance	Awareness	3	2	67	2	67	0	0
	Basic	0	0	0	0	0	0	0
	Intermediate	0	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Coaching and Mentoring	Awareness	1	1	100	1	100	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Decision Making	Awareness	0	0	0	0	0	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	5	1	20	1	20	0	0
	Advanced	10	4	40	4	40	0	0
	Expert	13	0	0	0	0	0	0
Software Literacy	Awareness	7	0	0	0	0	0	0
	Basic	10	2	20	2	20	0	0
	Intermediate	15	2	13	2	13	0	0
	Advanced	38	0	0	0	0	0	0
	Expert	20	0	0	0	0	0	0

Table C.2.10. KSAB Total and Percentage of DECF KSABs for the T&E SME for the System Requirements Definition and Traceability Project Should-Be Team of 50

Competency	Proficiency Level	Number in DECF	All Tasks		PM/Admin Tasks		Project Tasks	
			Total	% of DECF	Total	% of DECF	Total	% of DECF
Data Governance	Awareness	3	2	67	0	0	2	67
	Basic	11	4	36	0	0	4	36
	Intermediate	7	2	29	0	0	2	29
	Advanced	14	1	7	0	0	1	7
	Expert	13	0	0	0	0	0	0
Data Management	Awareness	2	2	100	0	0	2	100
	Basic	7	4	57	0	0	4	57
	Intermediate	1	0	0	0	0	0	0
	Advanced	14	2	14	0	0	2	14
	Expert	6	0	0	0	0	0	0
Modeling	Awareness	11	11	100	0	0	11	100
	Basic	25	25	100	0	0	25	100
	Intermediate	36	36	100	0	0	36	100
	Advanced	35	30	86	0	0	30	86
	Expert	15	8	53	0	0	8	53
Simulation	Awareness	8	7	88	0	0	7	88
	Basic	8	7	88	0	0	7	88
	Intermediate	16	15	94	0	0	15	94
	Advanced	16	11	69	0	0	11	69
	Expert	8	2	25	0	0	2	25
Artificial Intelligence/ Machine Learning	Awareness	2	0	0	0	0	0	0
	Basic	19	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
Data Visualization	Awareness	2	2	100	0	0	2	100
	Basic	4	1	25	0	0	1	25
	Intermediate	12	3	25	0	0	3	25
	Advanced	2	1	50	0	0	1	50
	Expert	2	0	0	0	0	0	0
Data Analytics	Awareness	2	0	0	0	0	0	0
	Basic	5	2	40	0	0	2	40
	Intermediate	12	6	50	0	0	6	50
	Advanced	17	8	47	0	0	8	47
	Expert	11	1	9	0	0	1	9
Digital Architecting	Awareness	3	3	100	0	0	3	100
	Basic	14	12	86	0	0	12	86
	Intermediate	18	18	100	0	0	18	100
	Advanced	18	18	100	0	0	18	100
	Expert	2	0	0	0	0	0	0
Digital Requirements Modeling	Awareness	1	1	100	0	0	1	100
	Basic	3	3	100	0	0	3	100
	Intermediate	15	15	100	0	0	15	100
	Advanced	4	4	100	0	0	4	100
	Expert	1	1	100	0	0	1	100
Digital Validation and Verification	Awareness	2	1	50	0	0	1	50
	Basic	2	1	50	0	0	1	50
	Intermediate	6	6	100	0	0	6	100
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
	Awareness	11	11	100	0	0	11	100

Model-Based Systems Engineering Processes	Basic	33	30	91	0	0	30	91
	Intermediate	17	16	94	0	0	16	94
	Advanced	35	31	89	0	0	31	89
	Expert	12	6	50	0	0	6	50
Digital Model-Based Reviews	Awareness	2	2	100	0	0	2	100
	Basic	1	1	100	0	0	1	100
	Intermediate	6	6	100	0	0	6	100
	Advanced	5	4	80	0	0	4	80
	Expert	1	0	0	0	0	0	0
Project and Program Management	Awareness	2	2	100	0	0	2	100
	Basic	18	7	39	0	0	7	39
	Intermediate	12	5	42	0	0	5	42
	Advanced	7	5	71	0	0	5	71
	Expert	3	0	0	0	0	0	0
Organizational Development	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	4	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
Digital Engineering Policy and Guidance	Awareness	1	1	100	0	0	1	100
	Basic	3	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0
	Advanced	7	1	14	0	0	1	14
	Expert	10	1	10	0	0	1	10
Configuration Management	Awareness	1	1	100	0	0	1	100
	Basic	3	3	100	0	0	3	100
	Intermediate	5	4	80	0	0	4	80
	Advanced	8	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Software Construction	Awareness	1	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	5	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Software Engineering	Awareness	3	0	0	0	0	0	0
	Basic	5	0	0	0	0	0	0
	Intermediate	5	0	0	0	0	0	0
	Advanced	24	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
Digital Environment Development	Awareness	1	1	100	0	0	1	100
	Basic	15	1	7	0	0	1	7
	Intermediate	3	0	0	0	0	0	0
	Advanced	15	1	7	0	0	1	7
	Expert	13	0	0	0	0	0	0
Management	Awareness	2	1	50	0	0	1	50
	Basic	2	1	50	0	0	1	50
	Intermediate	1	0	0	0	0	0	0
	Advanced	10	0	0	0	0	0	0
	Expert	8	0	0	0	0	0	0
Communications	Awareness	1	1	100	0	0	1	100
	Basic	2	1	50	0	0	1	50
	Intermediate	1	1	100	0	0	1	100
	Advanced	3	0	0	0	0	0	0
	Expert	5	0	0	0	0	0	0
Planning	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0

	Advanced	3	0	0	0	0	0	0
	Expert	3	0	0	0	0	0	0
Digital Environment Operations	Awareness	3	2	67	0	0	2	67
	Basic	4	2	50	0	0	2	50
	Intermediate	8	1	13	0	0	1	13
	Advanced	9	3	33	0	0	3	33
	Expert	2	0	0	0	0	0	0
Digital Environment Support	Awareness	3	0	0	0	0	0	0
	Basic	6	0	0	0	0	0	0
	Intermediate	18	0	0	0	0	0	0
	Advanced	25	0	0	0	0	0	0
	Expert	15	0	0	0	0	0	0
Digital Environment Security	Awareness	6	1	17	0	0	1	17
	Basic	2	0	0	0	0	0	0
	Intermediate	7	0	0	0	0	0	0
	Advanced	16	0	0	0	0	0	0
	Expert	11	0	0	0	0	0	0
Digital Literacy	Awareness	4	2	50	0	0	2	50
	Basic	16	14	88	0	0	14	88
	Intermediate	11	5	45	0	0	5	45
	Advanced	41	9	22	0	0	9	22
	Expert	48	3	6	0	0	3	6
Digital Engineering Value Proposition	Awareness	2	2	100	0	0	2	100
	Basic	7	4	57	0	0	4	57
	Intermediate	3	3	100	0	0	3	100
	Advanced	0	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
DoD Policy/ Guidance	Awareness	3	2	67	0	0	2	67
	Basic	0	0	0	0	0	0	0
	Intermediate	0	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Coaching and Mentoring	Awareness	1	1	100	0	0	1	100
	Basic	1	1	100	0	0	1	100
	Intermediate	2	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Decision Making	Awareness	0	0	0	0	0	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	5	1	20	0	0	1	20
	Advanced	10	3	30	0	0	3	30
	Expert	13	1	8	0	0	1	8
Software Literacy	Awareness	7	2	29	0	0	2	29
	Basic	10	2	20	0	0	2	20
	Intermediate	15	1	7	0	0	1	7
	Advanced	38	2	5	0	0	2	5
	Expert	20	2	10	0	0	2	10

There were no tasks assigned to the Finance Specialist for the System Requirements Definition and Traceability project for the should-be team of 50, so there is no table for that role.

Table C.2.11. KSAB Total and Percentage of DECF KSABs for the Scheduler for the System Requirements Definition and Traceability Project Should-Be Team of 50

Competency	Proficiency Level	Number in DECF	All Tasks		PM/Admin Tasks		Project Tasks	
			Total	% of DECF	Total	% of DECF	Total	% of DECF
Data Governance	Awareness	3	1	33	1	33	0	0
	Basic	11	3	27	3	27	0	0
	Intermediate	7	0	0	0	0	0	0
	Advanced	14	0	0	0	0	0	0
	Expert	13	0	0	0	0	0	0
Data Management	Awareness	2	2	100	2	100	0	0
	Basic	7	3	43	3	43	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	14	0	0	0	0	0	0
	Expert	6	0	0	0	0	0	0
Modeling	Awareness	11	0	0	0	0	0	0
	Basic	25	0	0	0	0	0	0
	Intermediate	36	0	0	0	0	0	0
	Advanced	35	0	0	0	0	0	0
	Expert	15	0	0	0	0	0	0
Simulation	Awareness	8	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	16	0	0	0	0	0	0
	Advanced	16	0	0	0	0	0	0
	Expert	8	0	0	0	0	0	0
Artificial Intelligence/ Machine Learning	Awareness	2	0	0	0	0	0	0
	Basic	19	0	0	0	0	0	0
	Intermediate	8	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
Data Visualization	Awareness	2	2	100	2	100	0	0
	Basic	4	1	25	1	25	0	0
	Intermediate	12	6	50	6	50	0	0
	Advanced	2	2	100	2	100	0	0
	Expert	2	0	0	0	0	0	0
Data Analytics	Awareness	2	0	0	0	0	0	0
	Basic	5	2	40	2	40	0	0
	Intermediate	12	5	42	5	42	0	0
	Advanced	17	5	29	5	29	0	0
	Expert	11	0	0	0	0	0	0
Digital Architecting	Awareness	3	0	0	0	0	0	0
	Basic	14	0	0	0	0	0	0
	Intermediate	18	0	0	0	0	0	0
	Advanced	18	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Digital Requirements Modeling	Awareness	1	0	0	0	0	0	0
	Basic	3	0	0	0	0	0	0
	Intermediate	15	0	0	0	0	0	0
	Advanced	4	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Digital Validation and Verification	Awareness	2	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	6	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
	Awareness	11	0	0	0	0	0	0

Model-Based Systems Engineering Processes	Basic	33	0	0	0	0	0	0
	Intermediate	17	0	0	0	0	0	0
	Advanced	35	0	0	0	0	0	0
	Expert	12	0	0	0	0	0	0
Digital Model-Based Reviews	Awareness	2	1	50	1	50	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	6	0	0	0	0	0	0
	Advanced	5	1	20	1	20	0	0
	Expert	1	0	0	0	0	0	0
Project and Program Management	Awareness	2	2	100	2	100	0	0
	Basic	18	9	50	9	50	0	0
	Intermediate	12	5	42	5	42	0	0
	Advanced	7	4	57	4	57	0	0
	Expert	3	1	33	1	33	0	0
Organizational Development	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	4	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
Digital Engineering Policy and Guidance	Awareness	1	0	0	0	0	0	0
	Basic	3	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0
	Advanced	7	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
Configuration Management	Awareness	1	0	0	0	0	0	0
	Basic	3	0	0	0	0	0	0
	Intermediate	5	0	0	0	0	0	0
	Advanced	8	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Software Construction	Awareness	1	0	0	0	0	0	0
	Basic	8	0	0	0	0	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	5	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Software Engineering	Awareness	3	0	0	0	0	0	0
	Basic	5	0	0	0	0	0	0
	Intermediate	5	0	0	0	0	0	0
	Advanced	24	0	0	0	0	0	0
	Expert	10	0	0	0	0	0	0
Digital Environment Development	Awareness	1	1	100	1	100	0	0
	Basic	15	1	7	1	7	0	0
	Intermediate	3	0	0	0	0	0	0
	Advanced	15	1	7	1	7	0	0
	Expert	13	0	0	0	0	0	0
Management	Awareness	2	2	100	2	100	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	10	0	0	0	0	0	0
	Expert	8	0	0	0	0	0	0
Communications	Awareness	1	0	0	0	0	0	0
	Basic	2	1	50	1	50	0	0
	Intermediate	1	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	5	0	0	0	0	0	0
Planning	Awareness	1	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0

	Advanced	3	0	0	0	0	0	0
	Expert	3	0	0	0	0	0	0
Digital Environment Operations	Awareness	3	1	33	1	33	0	0
	Basic	4	2	50	2	50	0	0
	Intermediate	8	1	13	1	13	0	0
	Advanced	9	1	11	1	11	0	0
	Expert	2	0	0	0	0	0	0
Digital Environment Support	Awareness	3	0	0	0	0	0	0
	Basic	6	0	0	0	0	0	0
	Intermediate	18	0	0	0	0	0	0
	Advanced	25	0	0	0	0	0	0
	Expert	15	0	0	0	0	0	0
Digital Environment Security	Awareness	6	0	0	0	0	0	0
	Basic	2	0	0	0	0	0	0
	Intermediate	7	0	0	0	0	0	0
	Advanced	16	0	0	0	0	0	0
	Expert	11	0	0	0	0	0	0
Digital Literacy	Awareness	4	0	0	0	0	0	0
	Basic	16	2	13	2	13	0	0
	Intermediate	11	0	0	0	0	0	0
	Advanced	41	5	12	5	12	0	0
	Expert	48	2	4	2	4	0	0
Digital Engineering Value Proposition	Awareness	2	2	100	2	100	0	0
	Basic	7	3	43	3	43	0	0
	Intermediate	3	3	100	3	100	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	0	0	0	0	0	0	0
DoD Policy/ Guidance	Awareness	3	2	67	2	67	0	0
	Basic	0	0	0	0	0	0	0
	Intermediate	0	0	0	0	0	0	0
	Advanced	0	0	0	0	0	0	0
	Expert	1	0	0	0	0	0	0
Coaching and Mentoring	Awareness	1	1	100	1	100	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	2	0	0	0	0	0	0
	Advanced	3	0	0	0	0	0	0
	Expert	2	0	0	0	0	0	0
Decision Making	Awareness	0	0	0	0	0	0	0
	Basic	1	0	0	0	0	0	0
	Intermediate	5	1	20	1	20	0	0
	Advanced	10	3	30	3	30	0	0
	Expert	13	2	15	2	15	0	0
Software Literacy	Awareness	7	0	0	0	0	0	0
	Basic	10	1	10	1	10	0	0
	Intermediate	15	0	0	0	0	0	0
	Advanced	38	0	0	0	0	0	0
	Expert	20	0	0	0	0	0	0

There were no tasks assigned to the Contracts Specialist for the System Requirements Definition and Traceability project for the should-be team of 50, so there is no table for that role.

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