

The logo for the Defense Acquisition University (DAU), featuring the letters 'DAU' in a bold, italicized, red sans-serif font.

# Test & Evaluation Functional Area

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The bottom half of the slide features a decorative background with overlapping geometric shapes. A large grey triangle points upwards from the bottom right towards the center. A smaller red triangle points downwards from the top left towards the center. A dark red shape is at the bottom left corner.

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# Test and Evaluation (T&E) Functional Area Framework Brief

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# T&E Competency Model

Tier 2: T&E Core Readiness Competencies					
TECHNICAL	Risk Identification	Capabilities Assessment	Program T&E Strategy Development	Test Cost Estimating	Coordination of T&E Activities & Events
	Test Readiness	Risk Management	Test Control Management	Data Management	Data Verification & Validation
	Data Reduction & Assimilation	Determination of Test Adequacy	Validation of Test Results	Evaluative Conclusions	Technical Reviews
	Lessons Learned	Documentation			
PROFESSIONAL	Customer Service	External Awareness	Flexibility	Communication	Technical Credibility
	Critical Thinking	Professional Ethics	Leadership & Management		

Note: Each Tier 2 Competency is substantiated with sub-competencies and task statements



# T&E Certification Framework

## Test and Evaluation (T&E) Functional Area Certification Framework

Certification Category	Foundational (within 3 years of position assignment)	Practitioner (within 5 years of position assignment)
Description	<ul style="list-style-type: none"> <li>Has a basic understanding of the T&amp;E concepts and is developing skills on a routine set of tasks through interactions with skilled workers and on-the-job experiences. At a minimum, has demonstrated the ability to support and assist in T&amp;E activities while interacting with multiple organizations.</li> </ul>	<ul style="list-style-type: none"> <li>Has a full understanding of the concepts and basic set of skills to perform T&amp;E activities. Has gained knowledge and experience within the T&amp;E community by performing routine tasks with limited supervision. At a minimum, has demonstrated the ability to manage and direct T&amp;E activities while interacting with multiple organizations.</li> </ul>
Education	<ul style="list-style-type: none"> <li>No degree requirement (Hiring agencies determine Occupational Series which may have requirements)</li> </ul>	
Training	<b>ACQ Core</b> <ul style="list-style-type: none"> <li>ACQ 1010</li> </ul>	<b>ACQ Core</b> <ul style="list-style-type: none"> <li>ACQ 2020</li> <li>ACQ 2030/V</li> </ul>
	<b>T&amp;E Core</b> <ul style="list-style-type: none"> <li>TST 102</li> <li>ENG 101 (or equivalent)</li> </ul>	<b>T&amp;E Core</b> <ul style="list-style-type: none"> <li>TST 2040/V</li> <li>ENG 201 (or equivalent)</li> </ul>
	<i>Estimated Total Hours: 40 hrs (including ACQ Core Training)</i>	
Experience	<ul style="list-style-type: none"> <li>At least 1 year relevant T&amp;E experience with evidence of demonstrated proficiency (Awareness/Basic) in T&amp;E competencies</li> </ul>	<ul style="list-style-type: none"> <li>At least 4 years relevant T&amp;E experience with evidence of demonstrated proficiency (Intermediate) in T&amp;E competencies</li> </ul>
Assessment	<ul style="list-style-type: none"> <li>No comprehensive exam – test embedded in coursework</li> </ul>	
Validation	<ul style="list-style-type: none"> <li>Agency/Organization validates completion of above requirements and provides DoD T&amp;E Certification</li> </ul>	
Certification Currency	<ul style="list-style-type: none"> <li><i>In accordance with DoDI 5000.66.</i></li> </ul>	
Certification Conversion Plan	<ul style="list-style-type: none"> <li>Level I in T&amp;E</li> </ul>	<ul style="list-style-type: none"> <li>Levels II or III in T&amp;E</li> </ul>

Note: Foundational certification is required prior to achieving Practitioner certification.



# T&E Certification Training Courses

## T&E FOUNDATIONAL CERTIFICATION COURSES

Course	Title	Delivery Mode	Length (hrs)
ACQ 1010	Fundamentals of Systems Acquisition Management	OLT	13
TST 102	Fundamentals of Test and Evaluation	OLT	15
ENG 101*	Fundamentals of Systems Engineering	OLT	12
<b>Total Training Hours</b>			<b>40</b>

## T&E PRACTITIONER CERTIFICATION COURSES

Course	Title	Delivery Mode	Length (hrs)
ACQ 2020	Intermediate Systems Acquisition, Part A	OLT	13
ACQ 2030/V	Intermediate Systems Acquisition, Part B	ILT/VILT	33
TST 2040/V	Test and Evaluation for Practitioners	ILT/VILT	72
ENG 201*	Applied Systems Engineering in Defense Acquisition, Part I	OLT	9
<b>Total Training Hours</b>			<b>127</b>

\*or equivalent: ENG 101 and ENG 201 (Part I) are currently available for everyone.

By Q3/Q4 FY22, ENG 101 and ENG 201 (Part I) will be streamlined and renamed to only include content applicable to the T&E Functional Area.

### Delivery Mode:

OLT = Online Training

ILT = Instructor-Led Training

VILT = Virtual Instructor-Led Training



# Resources

- Defense Acquisition University (DAU) Back-to-Basics (BtB) Home Page: <https://www.dau.edu/back-to-basics>
- Additional resources/information available on Advanced Capabilities website:
  - ETM and T&E Workforce Information: <https://ac.cto.mil/workforce/>
  - Engineering and T&E Policy and Guidance: <https://ac.cto.mil/erpo/>