



## Contact **US**

Lean Six Sigma Support Team  
 L6SSupport@baesystems.com

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# What is **Lean Six Sigma**?

Lean Six Sigma is a methodology that relies on a collaborative team effort to improve performance by systematically removing waste and reducing variation. It combines lean manufacturing/lean enterprise and Six Sigma to eliminate the eight kinds of waste (muda):

- Transportation
- Inventory
- Motion
- Waiting
- Overproduction
- Over processing
- Defects
- Skills underutilized

Lean Six Sigma not only reduces process defects and waste, but also provides a framework for overall organizational culture change.

## Who is it for?

Lean Six Sigma is for anyone, especially those passionate about eliminating waste or variation. The principles taught can be applied to many disciplines, including design, manufacturing, and transactional business processes.

Following the course, students who want to become certified Green or Black Belts can choose to take a 31-question multiple choice exam in iLearn. The exam is open book and students are given three chances to pass it with a score of 80% (for Green Belts) or 70% (for Black Belts). While the training course is beneficial on its own, only those who pass the exam and complete their project become certified as a Green or Black Belt.

## How do I get certified?

The BAE Systems Lean Six Sigma program is open to all of our Supplier Partners. Suppliers will train alongside BAE Systems employees and have access to the same level of resources, including a Master Black Belt as a mentor.

All belt development requires a real business problem to solve or a new product to develop. The identified problem/product must benefit both supplier and BAE Systems.

There are two paths to certification:

- Lean Design for Six Sigma
  - o Designing Defects out before we build
- Operational/Transactional - Lean Six Sigma (DMAIC)
  - o Removing defects and improving cycle time

To apply and participate, all Partner Suppliers must have a BAE Systems champion and completed project charter. Contact your BAE Systems Supply Chain Organization point of contact.

“(W)hat the training provided for me was a level of insight into the value of **Lean Six Sigma** tools, and an ability to better analyze the data as presented.”

# Get the **know-how**

Lean Six Sigma training classes take place during two, non-consecutive weeks.

### The training covers:

- Minitab (statistical software)
- Data, statistics, and control charts
- Process capability
- Design of experiments
- Voice of the customer
- Project management
- Team building/presentation skills
- Control plans

### Available Belts:

#### Green Belt

DMAIC Training Duration: 2 weeks/80 hours, 1 week a month for two months  
LDFSS Training Duration: 2 weeks/80 hours, 1 week a month for two months  
Exam

#### Black Belt

DMAIC Training Duration: Green Belt Training + 2 Weeks/80 hours,  
1 week / month (4 months)  
LDFSS Training Duration: Green Belt Training + 2 weeks  
1 week / month (4 months)  
Exam

## Supplier Partner **Success**

The BAE Systems Lean Six Sigma program is open to all of our Supplier Partners. Suppliers will train alongside BAE Systems employees and have access to the same level of resources, including a Master Black Belt as a mentor.

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“I would have to say that the **Lean Six Sigma** training (BAE Systems) provided has really helped us look at our operation(s) in a whole new light. We have been able to identify opportunities to eliminate waste, as well as come to an understanding of areas where we can be better. Now that we can identify these opportunities, we now also have tools with which to attack them!”