



STAT COE Course FAQ

Q: What courses does the STAT COE offer?

All current course offerings from the STAT COE can be found at <https://www.afit.edu/stat/page.cfm?page=1093>.

Q: How can I schedule a class from the STAT COE?

STAT COE courses can be requested through our Ask-A-STAT tool or by e-mailing COE@afit.edu. All courses are given at a cost for a group of individuals. STAT 110 is available free of charge and is offered bi-monthly. For cost information, contact COE@afit.edu.

Q: How much does each STAT COE course cost?

For cost information, please contact the STAT COE at COE@afit.edu.

Q: What is the preferred method of payment for the classes? A MIPR? SF 182 forms?

Course costs and delivery method are formalized in an AFIT proposal. For additional information please contact COE@afit.edu.

Q: Where does the STAT COE offer courses?

In general, we come to you! The cost of the course includes travel for course instructors. The customer should arrange local logistics. The classroom should have a projector, screen, and chairs/desks for all students. Ideally, the room also has a whiteboard or chalkboard.

Q: Do you offer your courses virtually?

STAT 110 is always offered virtually, but could also be delivered in person. Our 2-day courses can be offered virtually, although the preferred delivery method is in-person. Our 5-day courses are only offered in-person.

Q: I've registered for a class, when can I expect to hear more?

For in-person courses, you should hear from your organization about location. Your course instructor will e-mail you a week prior to class with information on what you need to bring to your course.

For virtual courses, you will receive an invite from your instructor at least one week prior to class with a link to the course. There will also be a separate e-mail or DoD Safe link containing course materials.

Please contact the STAT COE at COE@afit.edu if it is less than 1 week before your course and you have not received anything from your instructor.

Q: How many CLP credits do we get for each class?

The courses listed below always provide continuous learning points. Each course does have rules for how many hours students may miss to still be provided with the certificate/points. These rules may be found in the syllabi for each course. Other one-day classes do not always provide continuous learning



points based on course attendance and in-person versus virtual platforms. Please ask the course instructor prior to the course how many CLP credits you may receive for a one-day class.

Course	Credits
DOE 320	16
DOE 251	36
DOE 252	36
REL 220	16
REL 250	36
STAT 201 (modules)	5

Q: What course would you recommend for someone in X position?

STAT COE courses are numbered to indicate the intended audience with the first number of the course.

- 100 level courses are intended for everyone (anyone interested in STAT for T&E)
- 200 level courses are for practitioners (engineers, scientists, lab personnel, etc.)
- 300 level courses are for managers (program manager, T&E lead, chief developmental tester)
- 400 level courses are for executives (SES-equivalent or higher)

More details for the target audience may be found in the syllabi for each course.

Q: Can contractors participate in STAT COE classes?

Our classes are available to government civilians, military, or FFRDC employees only.

Q: Who is qualified to take each of the courses?

With the exception of DOE 252, our courses do not have pre-requisites. We recommend matching your needs to the topic and audience level:

- 100 level courses are intended for everyone (anyone interested in STAT for T&E)
- 200 level courses are for practitioners (engineers, scientists, lab personnel, etc.)
- 300 level courses are for managers (program manager, T&E lead, chief developmental tester)
- 400 level courses are for executives (SES-equivalent or higher)

Q: Is there a sequence of courses you recommend?

DOE 251 and DOE 252 (the 4.5-day short courses on design of experiments) are designed as a 2-week course. Therefore, we require DOE 251 prior to DOE 252. These courses can take place weeks apart (recommended time is 1 month). If you take the 5-day courses, the 2-day DOE class is not necessary as we cover all the 2-day material in the 5-day class.

STAT 110 is a good starting point if you don't know what classes you might be interested in. It is a good introduction to everything STAT. If you have already taken a previous DOE or REL course, there may be some repeated information in STAT 110.



Q: Do any of the courses have pre-requisites?

DOE 252 is the only course with a pre-requisite – we require students to have taken DOE 251 prior to taking DOE 252.

Q: Is there any preparatory materials needed for the classes?

We do not require any pre-reading prior to taking the COE classes; however, interested parties can review the [STAT COE Test Planning Guide](#) prior to class.

Q: What do I need to bring to class?

For the 2-day classes, laptops are not required. However, we encourage students to bring laptops to follow along with demos done during the course.

For the 5-day classes (DOE 251, DOE 252, and REL 250), students should bring a laptop. The course is interactive and has several student exercises to enforce learning. We use the statistical software package JMP for many of the demos and exercises; students will need to download the 30-day free trial of JMP prior to the course to participate in the class.

Q: I need to download JMP, but cannot do that on my work laptop. What should I do?

Ask your IT services if they can download. If not, you can bring a personal laptop to class with you. All the data files and examples are Distribution A, so could be saved on a personal device. You could also partner up with another student in the class and work on the demos and exercises together.

Q: What if my team needs a topic not covered in the current course list?

STAT COE is able to tailor courses to fit the needs of our audiences. If you have requested a course, there are opportunities to tailor some lessons to your needs. Or, STAT COE may also be able to develop individual modules (at a cost) for groups based on needs and STAT COE expertise. Currently available modules that have been built this way include machine learning and survey design/analysis.