

TRN-INN-N4-TCP

TCP Certification

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About this course

The Tridium Niagara 4 TCP course is an intensive 5-Day course led by Innon's in-house Tridium certified trainers.

During the five days, you will learn how to use the Niagara 4 framework to design an application through a series of labs. The course is delivered by virtual classroom; all you need is your computer connected to Zoom and a browser to give you access to our remote PC running the workbench via a Zoho Assist link. This will allow you to avoid lengthy travel journeys and expensive accommodation costs.

On the last day, you will sit an exam testing you on the knowledge learnt within the course modules. Once you have successfully passed the exam, you will be issued your official TCP certificate via the Tridium University website, where you will be registered as an official TCP student. Certificates are issued approximately two weeks after course completion.

Who should take this course?

This is not a beginner-level course. It is designed for candidates who already have experience in the BMS, controls or software development fields to attain proficiency with the Niagara software.

Candidates are strongly recommended to have a good understanding of control basics and BMS graphics. Learning material is available at the Innon Academy to introduce the Niagara software itself, and we recommend candidates who have no prior experience with Niagara software to complete these before attending the TCP.

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Course structure

Monday

Create a New Station
Tagging
Drivers: Modbus
Commissioning a JACE
Certificate Wizard

Tuesday

Alarm Monitoring
History Monitoring
Using Schedules
Loop Control
Reusable Logic
(Palettes and Templates)

Drivers: BACnet

Wednesday

PX Graphics Lab - Boilers
PX Graphics Lab - Pumps
PX Include
PX Graphics Lab – Home Page
PX Graphics Lab - AHUs
Hierarchies
Creating Templates
Drivers: Modbus TCP
Station Templates

Thursday

Nac File
Categories, Roles and Users
Web Supervisor

Friday

Exam

Accessing your certificate

You can download your TCP certificate from the Tridium University website at the end of the TCP course. All students will receive access to the Niagara Central and Tridium University websites.

Your user name and passwords for both sites will be shared between the two portals, but Tridium requires you to sign in at least once to each website so that they can register you as a student and issue your certificate at the end of the course.

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What is Niagara Central?

Niagara Central will allow you to manage your Tridium licences.

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What is Tridium University?

Tridium University will allow you to view your TCP certificate and enrol in other Tridium training courses.

What you'll need

All remote course equipment will be provided. Students will connect remotely to a dedicated training PC running a Tridium Workbench, connected locally to a demo Jace via Zoho, while the teaching element will take place via the Innon Academy.

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A student's local set-up will need to include the items below for optimum learning and comfort:

Over-ear headphones with a microphone for optimum sound clarity.

A second monitor to manage the training station, virtual classroom and training Documents.

A stable internet connection with 5Mb upload and download.

FAQ

Do I need a demo licence?

No, a demo licence is not required to take this course as all equipment is provided.

Can I cancel?

Students who cancel 15 days or less before starting their course will still be required to pay the full course fee. Students who drop out after the course has started will also be required to pay the full course fee.

If you are unable to attend the course please contact partners@innon.co.uk

How long does the exam take?

The last day of the course is dedicated to taking the final exam. Students will have from 9am-5pm to complete the exam and should finish with enough time to go back and check their answers before submitting their paper for marking

Can I resit the exam?

There is not an option to resit the exam.

Students who do not pass the exam must re-take the course before they can sit the exam again.

Are there any prerequisites?

We highly recommend that students complete the Niagara 4 Basics course within the Innon Academy before undertaking the Niagara 4 TCP Course.

By completing this course, you will have built yourself a strong foundation of knowledge and put yourself in a stronger position to pass the course with flying colours.

Summary

**10 students
per course**

**All Course Equipment
is Provided**

**Certification from
Tridium University**

**Available only to Innon
Tridium Partners**

5 Days

Virtual Classroom

Intermediate Level