



SUMMER CAMP 2019

August 2018

About us:

CNC TRAINING CENTER is the 1st HTEC (Haas Technical Education Center) in Greece and the 150th HTEC globally.

Specializes in providing internships and comprehensive technical knowledge on using and programming of modern CNC machine tools in a real CNC environment.

It is certified by the Haas Automation Inc. - The No.1 CNC machine tool manufacturer in America and Europe!

Specialization

The programs of CNC TRAINING CENTER are designed so that its students - regardless of age, sex, degree or previous experience— acquire the necessary skills and the ability to work directly as specialized technicians of CNC machines tools.

Why I should learn to operate and program CNC?

Globally, the demand in CNC machine tools operators & programmers is very high and is projected to increase further.

The CNC TRAINING CENTER fills the growing need of industrial companies and machine shops for technically skilled operators and developers of modern CNC machine tools, providing students with the essential skills for a profession without unemployment levels, global demand and continuous development.

«At CNC TRAINING CENTER I was trained by specialized & experienced CNC Machinists, on operation and programming of CNC machine tools and on how to choose the suitable machining process. The skills that I have gained have already helped in my work substantially »



- Thanasis Manolis, operator and programmer of CNC machine tools in the firm THEON SENSORS

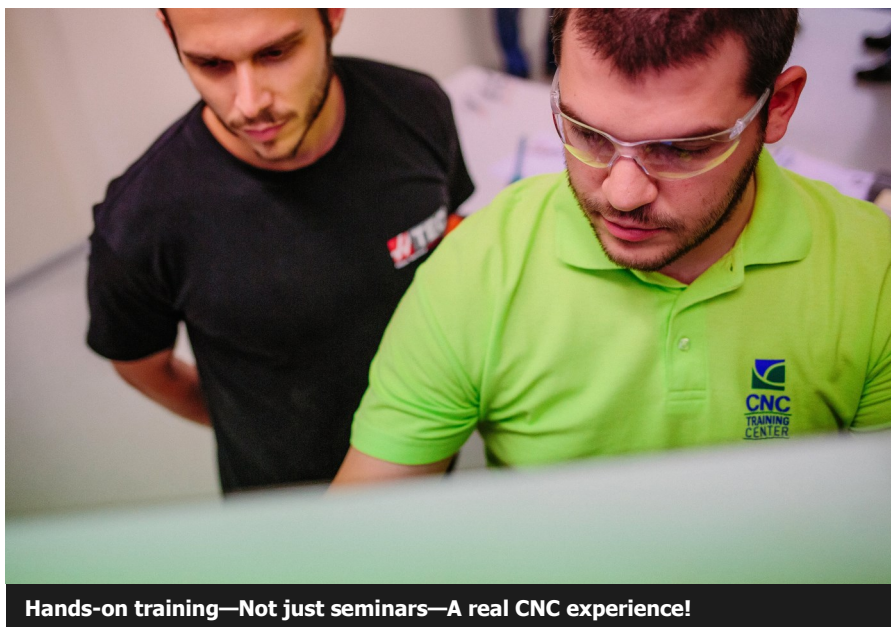


Combine your CNC Training with Vacations in Athens

Our Summer camp program combines CNC training & holidays in Athens!

Why Summer Camp?

- Combine training with holidays in Greece from May to July!
- Adjustment of the level of participants
- Ability of choice of specific topics
- Workshop
- HTEC certification



Hands-on training—Not just seminars—A real CNC experience!

Indicative Contents

- Introduction to the Training Program
- What is Numerical Control & CNC Machine Tools.
- Metrology: Measurement Instruments
- Metrology workshop with the use of measuring instruments of CNC Training Center such as calipers, micrometers, high gauges, inspection plates, Hardness & Roughness Testers etc.
- Understanding the importance of quality control - recording results - corrective actions.
- Machining processes in real conditions.
- Workshop of basic operation & maintenance rules of CNC machine tools.
- Raw materials. Materials & coatings of cutting tools. Getting know with raw materials & their specifications & applications in the constructions. Live presentation of cutting tools & selection procedure accordingly of the machining demands. Viewing of cutting tools catalogues of several brands & understanding of the provided technical information.
- CNC Machine Tools components: Workshop for the operation & components of a 3-axis Vertical CNC milling machine & a 2-axis CNC lathe.
- Understanding of Coordinates System through specialized educational software & the importance of their usage during CNC operation & programming. Introduction into CNC programming of a CNC milling machine (G-code) Basic programming - G-Codes, M-codes, coordinate systems codes, Path compensation (G41) with the usage of specialized interactive educational software as well as stand-alone simulators of real CNC controls.
- Hands-on practice in a 3-axis Vertical CNC milling machine.

Target

Our tailor-made Summer Camp technical training programs aimed at students of Technical Universities or schools who need to obtain expertise or wish to work as operators & programmers of CNC machine tools in modern machine shops and do not have previous work experience & companies who need to train or improve the knowledge of their people on CNC technology.



From A to Z

Student's Benefits

With the successful completion of technical training programs of CNC TRAINING CENTER, students:

- Will be ready to work in real CNC environment
- Will acquire the required familiarization and will operate easily real CNC machine tools
- Will acquire the required skills, technical know—how and experience for the implementation of simple CNC processing
- Will be up to detect risks that might appear through the impending CNC processing and to fend for the avoidance both of risks and mistakes, ensuring the high quality of their project and of their final result
- Will know how to act like as professionals in a well organized & modern CNC machine shop environment
- Will have the ability to perform the appropriate quality control



Workshop in Simulators

Indicative Contents

- Presentation of basic principals of CAD/CAM systems & their importance in CNC programming through hyperMILL, one of the top-5 branded software globally.
- Design of a 3-D model in a CAD system & CNC programming in a CAM system: Cross-check of the post-processor with the popular CNC editor - CIMCO Edit 7 and execution of the program in real time.
- Quality control of the final part & comparison with the mechanical drawing.
- CNC lathe programming: Introduction into CNC programming of a CNC lathe (G-code) Basic programming - G-Codes, M-codes, coordinate systems codes, Path compensation (G41) with the usage of specialized interactive educational software as well as stand-alone simulators of real CNC controls.
- Hands-on practice in a 2-axis CNC lathe machine.

Important Info

Education

Options :

Trainings can be arranged from week 19 to week 31 under your demands or needs, even with your own educators. We suggest classes 6 hours daily 10:00 a.m.—16:00 p.m / 5 times weekly

(Minimum participation— 8 persons — 5 days min)

Reservations must be made until March 29th, 2019 with prepayment of 40% of fees and full payment two weeks before the start of the training.



Erasmus+

Accommodation suggestions

Mare Nostrum Hotel Club Thalasso



pros

Close to our facilities
Close to the airport
Close to the sea

cons

Away from the center of Athens
Away from public transport

St George Lycabettus



pros

Extraordinary location
Close to the center of Athens
Boutique Hotel

cons

Away from our facilities

Park Hotel



pros

10 min. from our facilities
Close to the center of Athens
Close to public transport
Economical

cons

Limited services

Shuttle bus or special need can be arranged on request.

WE ARE LOOKING FORWARD TO MEET YOU!

Contact

For more information you can call us

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Att: Mrs. Fotini Enezli

Visit our web:

www.cnctraining.gr



The German leading manufacturer of high quality cutting tools **CPT GmbH**, combined successfully training with holidays in Athens & gave the opportunity to their technical staff to come closer with CNC Machining processes in real conditions, test their tools, learn basic programming, G-codes, M-codes etc. in order to improve technical support to their customers. At the same time they explored the beauties of Attika & Athens.

