

Continuous professional education, DPR n. 137 del 7 Agosto 2012, Testo Unico CNI 2018

CNI and Engineering Association non formal education in classroom and e-learning

(1 CFP/1 hour in agreement with CNI)

Title	Validity Data	Event Organizer	Duration and Modality
Project Management and Management Methodologies Course (progress tests)	19 th /09/2020	Betaformazione S.r.l.	e-learning (12 hours), chapters verification tests, final examination
Sector: <i>Industrial Engineering or Management Engineering</i> Topics web link: https://www.betaformazione.com/corsi/project-management-e-metodologie-di-gestione/ Topics per Modules: Module 1 Basic concepts of project management - part 1 Basic concepts of project management - part 2 Basic concepts of project management - part 3 Project management applications - part 1 Project management applications - part 2 Organizational structures - part 1 Organizational structures - part 2 The role of the Project Manager - part 1 The role of the Project Manager - part 2 Module 2 Multi Project Management (MPM) - part 1 Multi Project Management (MPM) - part 2 Integrated management - part 1 Integrated management - part 2 Time management - part 1 Time management - part 2 Time management: exercise - part 1 Time management: exercise - part 2 Cost management - part 1 Cost management - part 2 Cost management - part 3 Cost management - exercise Quality management - part 1 Quality management - part 2 Tutorial: histogram Exercise: control charts Risk management - part 1 Risk management - part 2 Risk management - part 3 Risk management - exercise Module 3 The phases of a project: Start-up - part 1 The phases of a project: Start-up - part 2 The phases of a project: Planning The phases of a project: Execution The phases of a project: Monitoring and control - part 1 The phases of a project: Monitoring and control - part 2			
Mechanics applied to machines and machine principles (progress tests)	01 st /03/2020	Betaformazione S.r.l.	e-learning (20 hours), chapters verification tests, final examination
Sector: <i>Industrial Engineering or Management Engineering</i> Topics web link: https://www.betaformazione.com/corsi/meccanica-applicata-alle-macchine-e-principi-di-macchine/ Topics per Modules:			

Module 1

Composition of the mechanisms - part 1.1

Mechanism composition - part 1.2

Composition of mechanisms - part 2.1

Composition of the mechanisms - part 2.2

Composition of mechanisms - part 2.3

Module 2

Forces acting on machines and efficiency - part 1

Forces acting on machines and efficiency - part 2

Contact forces between solids: friction and wear - part 1.1

Contact forces between solids: friction and wear - part 1.2

Contact forces between solids: friction and wear - part 2.1

Contact forces between solids: friction and wear - part 2.2

Contact forces between solids: sliding friction in elementary pairs with a degree of freedom - part 1

Contact forces between solids: the sliding friction in elementary pairs with a degree of freedom - part 2

Contact forces between solids: application of rolling elements - part 1

Contact forces between solids: application of rolling elements - part 2

Module 3

Elementary theory of fluid dynamic lubrication - part 1

Elementary theory of fluid dynamic lubrication - part 2

Meatus limited by flat walls

Lubricated rotoidal couple, choice of bearing, elastohydrodynamic lubrication - part 1

Lubricated rotoidal couple, choice of bearing, elastohydrodynamic lubrication - part 2

Fluid dynamic lubrication with gaseous lubricants and fluidostatic lubrication - part 1

Fluid dynamic lubrication with gaseous lubricants and fluidostatic lubrication - part 2

Kinematics of the rigid body - part 1

Kinematics of the rigid body - part 2

Module 4

Articulated systems - part 1.1

Articulated systems - part 1.2

Articulated systems - part 2.1

Articulated systems - part 2.2

Articulated systems - part 3.1

Articulated systems - part 3.2

Articulated systems - part 4

Module 5

Toothed wheels - part 1.1

Toothed wheels - part 1.2

Toothed wheels - part 2

Toothed wheels - part 3.1

Toothed wheels - part 3.2

Toothed wheels - part 4.1

Toothed wheels - part 4.2

Toothed wheels - part 4.3

Toothed wheels - part 5.1

Toothed wheels - part 5.2

Toothed wheels - part 5.3

Toothed wheels - part 5.4

Toothed wheels - part 5.5

Module 6

Gyrisms - part 1

Gyrisms - part 2

Gyrisms - part 3

Module 7

Lifting machines - part 1

Lifting machines - part 2

Thermodynamics: Generalized equations of fluid motion

Thermodynamic diagrams

Thermodynamics: general references - part 1

Thermodynamics: general references - part 2

Thermodynamics: general references - part 3

Steam systems with condensing cycle - part 1

Steam systems with condensing cycle - part 2

Thermotechnics

22nd/01/2020

Betaformazione S.r.l.

e-learning (20 hours),
chapters verification tests,
final examination

Sector: *Industrial Engineering or Management Engineering*

Topics web link: <https://www.betaformazione.com/corsi/termotecnica/#tab-id-2>

Topics per Modules:

Module 1

Conduction - part 1

Conduction - part 2

Conduction - part 3

Conduction - part 4

Conduction in dynamic state

Convection - part 1

Convection - part 2

Convection - part 3

Convection - part 4

Convection - part 5

Convection - part 6

Convection - part 7

The irradiation - part 1

The irradiation - part 2

The irradiation - part 3

Module2

Thermal leakages and expansions-part 1

Thermal leakages and expansions-part 2

Thermal leakages and expansions-part 3

Thermal leakages and expansions-part 4

Thermal leakages and expansions-part 5

Module3

UNI TS 11300-1 - part 1

UNI TS 11300-1 - part 2

UNI TS 11300-1 - part 3

UNI TS 11300-1 - part 4

UNI TS 11300-1 - part 5

UNI TS 11300-1 - part 6

UNI TS 11300-1 - part 7

UNI TS 11300-1 - part 8

Module5

Main components of the heating system-part 1

Main components of the heating system-part 2

Main components of the heating system-part 3

Main components of the heating system-part 4

Main components of the heating system-part 5

Thermal power to be installed-part 1

Thermal power to be installed-part 2

Thermal power to be installed-part 3

Thermal power to be installed-part 4

Thermal power to be installed-part 5

Thermal power to be installed-part 6

Thermal power to be installed-part 7
 Thermal power to be installed-part 8
 Design criteria for the purpose of operational safety and economy-part 1
 Design criteria for the purpose of operational safety and economy-part 2
 Design criteria for the purpose of operating safety and economy-part 3
 Design criteria for the purpose of operational safety and economy-part 4
 Design criteria for the purpose of operational safety and economy-part 5
 Fireplaces-part 1
 Fireplaces-part 2

Module 6

Air conditioning systems-part 1
 Air conditioning systems-part 2
 Air conditioning systems-part 3
 Use and integration of renewable sources-part 1
 Use and integration of renewable sources-part 2

Gas Pipelines	17 th /12/2019	Betaformazione S.r.l.	e-learning (4 hours), chapters verification tests, final examination
---------------	---------------------------	-----------------------	--

Sector: *Industrial Engineering or Management Engineering*

Topics web link: <https://www.betaformazione.com/corsi/corso-reti-gas/#tab-id-2>

Topics per Modules:

Module 1

Internal system - part 1
 UNI-CIG 7129: 2015-1 standard
 Internal installation - part 2
 UNI-CIG 7129: 2015-1 standard

Module2

Installation
 UNI-CIG 7129: 2015-2 standard
 Combustion products evacuation
 UNI-CIG 7129: 2015-3 standard

Module3

Commissioning of the plants
 UNI-CIG 7129: 2015-4 standard
 Condensate discharge system
 UNI-CIG 7129 standard: 2015-5

Basic Elements of Maintenance (Test)	14 th /12/2019	Betaformazione S.r.l.	e-learning (4 hours), chapters verification tests, final examination
---	---------------------------	-----------------------	--

Sector: *Industrial Engineering or Management Engineering*

Topics web link: <https://www.betaformazione.com/corsi/elementi-base-di-manutenzione/#tab-id-2>

Topics per Modules:

Module 1

Introduction and main maintenance systems - part 1
 Introduction and main maintenance systems - part 2
 Techniques for finding and solving the fault

Module 2

Preventive maintenance - example 1
 Preventive maintenance - example 2 - first part
 Preventive maintenance - example 2 - second part
 Preventive maintenance - example 3
 Predictive maintenance
 Law maintenance service facilities

Energy Manager EGE
qualified ISO 17024

12th/12/2019

Betaformazione S.r.l.

e-learning (40 hours),
chapters verification tests,
final examination

Sector: *Industrial Engineering or Management Engineering*

Topics web link: <https://www.betaformazione.com/corsi/corso-energy-manager-esperto-in-gestione-energia-qualificato-iso-17024/#tab-id-2>

Topics per Modules:

Module 1

Introductory lesson - part 1

In this first introductory lesson the teacher will introduce the figure of the Energy Manager and his role.

Introductory lesson - part 2

Module 2

Why appoint the Energy Manager

The role of the Energy Manager within the energy system

Module 3

Project Management - part 1

Project Management - part 2

Module 4

The role of ESCOs in environmental markets

Module 5

Energy accounting

Technical legislation and the role of the certifier

Module 6

Laws and decrees

Italian decrees about the Energy market-part 1

Italian decrees about the Energy market-part 2

Module 7

The evolution of the energy system - part 1

The evolution of the energy system - part 2

Module 8

The Natural Gas Market

The IPEX power exchange, the gas exchange and incentive schemes

Module 9

Energy efficiency tools - part 1

Energy efficiency tools - part 2

Module 10

Green certificates

The energy diagnostics toolbox

Instrumental diagnosis on existing buildings

Module 11

ISO 50001 - part 1

ISO 50001 - part 2

Module 12

Introduction

UNI CEI EN 16247-1 - General requirements

UNI CEI EN 16247-2 - Buildings

UNI CEI EN 16247-3 - Processes

UNI CEI EN 16247-4 - Transport

UNI 16247-5 - Auditor skills

Module 13

Energy diagnosis of school buildings

Evolution of the envelope

Renewable sources - part 1

Renewable sources - part 2

Module 14

SEAS. Energy software for simplified audits (ENEA)

Figures involved and integrated planning

Eco-Compatibility

Electrical transformers

Module 15

UNI CEI 11339 standard

UNI CEI 11352 standard

Economic and financial aspects

Certified Allied Telesis Technician Enterprise Solution-(CAT)	10 th /12/2015-11 th /12/2015	Ordine degli Ingegneri della Provincia di Reggio Calabria e Allied Telesis, Inc	16 hours with certification examination or without examination.
---	---	---	---

Sector: Information Engineering (ING-INF/05, Information Systems, Telecommunication Networks).

Mentor: Alessandro Amendolagine

Topics:

Service and support overview;

Switching and hardware overview;

Operations;

Layer 2 Switching;

Layer 3 Routing and IP protocol;

VLAN (Virtual Local Area Network);

Link Aggregation;

STP/RSTP (Spanning Tree Protocol/Rapid Spanning Tree Protocol);

Stacking;

PoE (Power over Ethernet);

SNMP (Simple Network Management Protocol);

QoS (Quality of Services).

Buildings Energy Auditor and Certificator	23 rd /10/2013-22 nd /11/2013	Inarsind and Ordine dei chimici della Calabria	64 hours with examination
---	---	--	---------------------------

Sector: Industrial Engineer and Civil Engineering or Management Engineering.

Topics:

Lesson1: Regulatory in the field of energy market for the energy certification (ING-IND/10).

Lesson2: Building physics concepts (ING-IND/10).

Lesson3: Cost-benefit analysis and energy management (ING-IND/35).

Lesson4: Sustainable energy and sustainable building materials (ICAR/12).

Lesson5: Thermodynamics, thermal and air-conditioned circuits (ING-IND/09,ING-IND/10).

Lesson6: Renewable energy plants, electrical schemas, and regulatory (ING-IND/31).

Lesson7: Software for the Energy certification and management (ING-IND/10).

Lesson8: Wind energy analysis, wind project development, and regulatory (Studio Bissanti-PA). Vertical Small Wind Turbine (Ropatek BZ)(ING-IND/09).

Lesson9: Air-quality and building comfort (ING-IND/10).

Lesson10: Energy certification: operational procedure and a real case simulation (ING-IND/10).

Italian Professional Certification Exam for Senior Industrial and Information Engineers	07 th /2006-to present	Università degli Studi Mediterranea di Reggio Calabria	Written in 8 hours and an Interview.
---	-----------------------------------	--	--------------------------------------

Description: the Examination for the qualification as professional Industrial and Information engineer in compliance with the Italian D.lgs 5th of June 2001, n. 328 MIUR and DM 22.5.1995 in G.U. n. 166 del 18.7.1995. It was based on two sessions: a written exercise and/or a project and a selection interview. The topics of the examination are mainly related to the Electrical and Automation Engineering sector (Industrial LM-25 and Information Engineering LM-29).

Selection:

-Written: frequency resolution of a three-phase Network with a Symmetric and Unbalanced Load, Frequency Phasorial Diagrams. **Subject:** Electrotechnics (ING-IND/31);

-Interview: Law 626/94 (Now D.lgs 9th of April 2008/n.81) about the safety in the work environments; the description of my thesis in the field of Automation Engineering (ING-INF/04).

Informal education in e-learning CNI and Engineering Association (15 CFP/year + fees)

Title	Date	Event Organizzator	Duration	Sector
Cyber Security	29th/08/2022	Reed (www.reed.co.uk) and BOLC (www.bolc.co.uk)	e-learning 3 hours, chapters verification tests, final certification. Grade: Qualified	Information Engineering

Sector: *Information Engineering*

Topics per UNIT (English language):

UNIT 1

Understanding Cyber Security

What is Cyber Security?

The Importance of Security

Physical Security

Physical Threats

User tracking

Physical Protection of Data

Recovery Planning

What is Cyber Crime?

Cyber Crimes by Insiders and Outsiders

Motivations for Cyber Crime

The Different Kinds of Cyber Crime

Cyber Stalking

Child Pornography

Forgery and Counterfeiting

Software Piracy and Crime related to IPRs

Cyber Terrorism

Phishing

Computer Vandalism

Computer Hacking

Creating and distributing viruses over internet

Spamming

Online Auction Fraud

Cyber Squatting

Logic Bombs

Web Jacking

Internet Time Thefts

Denial of Service Attack

Email Spoofing

UNIT 2

Malware and its types

What is a Malware?

Bots

Bugs

Viruses & Worms

Trojans

Rootkits

Backdoors

Spyware

Loggers

Adware

Malware Symptoms

Spam

Vandals

Attacks

Reconnaissance attacks

Access attacks
Data Interception
Social Engineering

Unit 3

Cyber Security Tools & Techniques

Prevention and Defense
Authentication
Encryption
Digital Signatures
Antivirus
Firewall
Steganography
Generating Secure Passwords
How would a potential hacker get hold of my password?
Using a Password Manager?
Why you should use it?
How does it work?
Guidelines For Safe Internet Browsing
How do I know if a website is secure?
Tips For Buying Online
Wireless Security
What Is Wireless Lan?
Major Issues with WLAN
Secure WLAN
Safe Browsing Guidelines For Social Networking Sites
General Tips on using Social Networking platforms safely
Posting Personal Details
Friends, Followers and Contacts
Status Updates
Revealing your Location
Sharing Videos and Photos
Instant Chats
Joining and Creating Groups, Events and Communities
Email Security Tips
Smartphone Security
Smartphone Security Guidelines
Platforms, Setup and Installation
Feature Phones
General Setup
Installing and Updating Applications
Communicating Securely (Voice and Messages) with a Smartphone
Wi-Fi or Mobile Data?

Unit 4

Computer Forensics

Why is Computer Forensics Important?
The Role of Forensics within Organisations
Policy and Procedure Development
Evidence Assessment
Evidence Acquisition
Evidence Examination
Documenting and Reporting
Why Should We Report Cyber Crime?

Unit 5

Security Policies

What are the Policies?
Who will enforce and manage the policies?

Training
 Cyber Security Policy
 Security Policy Elements
 Security-Related Roles and Responsibilities
 Policy Implementation and Enforcement
 Policy Exceptions
 Personnel and Training
 Security Awareness and Training
 Due Diligence in Hiring
 Access Privileges
 Operational Risks
 Contingency Planning
 Physical Security Risks
 Plan and Protection
 Monitoring, Logging, and Retention
 Maintenance and Testing
 Addressing Technology Risks
 Network Connection Control

Unit 6

Developing a Cyber Security & Risk Management Plan

Establishing a Risk Management Framework
 Cyber Asset Identification and Classification
 Identifying Critical Cyber Assets
 Classifying Cyber Assets
 Confidential
 Personally Identifying Information (PII)
 Identifying the Electronic Security Perimeter (ESP) Protecting Cyber Assets
 Conducting a Vulnerability Assessment
 Assessing and Mitigating Risks
 Assessing Impact and Risk Levels
 Mitigating Risks with Security Controls
 Evaluating and Monitoring Control Effectiveness

Artificial Intelligence & Machine Learning Advancing in Aviation.	24 th /05/2022	AFuzion, Intel & Daedalen	1 ora	Information Engineering
Getting Started with SAP Business ByDesign	17 th /10/2019	OPEN SAP and SAP	e-learning, chapters, verification tests, final examination and certification (Score:70/100%)	Information Engineering

Sector: *Industrial Engineering or Management Engineering*

Topics:

Chapter 1&2 The chapter 1 and 2 are **the Introduction to the course and to the SAP company**

1 Introduction
 2.1 SAP – Innovation for More Than 40 Years

Chapter 3 The third chapter is called **Introduction to Cloud Computing** and this is the content you can look forward to:

3.1 Key Technology Drivers for Cloud Computing
 3.2 Licensing and Provisioning Options
 3.3 New Working Model
 3.4 Three Levels of Cloud Computing
 3.5 Key Areas of Innovation

3.6 Specific Requirements of Small and Midsize Enterprises.

Chapter 4 The fourth chapter is called **Introduction to SAP Business ByDesign** and this is the content you can look forward to:

- 4.1 SAP Business ByDesign: An Overview
- 4.2 SAP Business ByDesign Demo
- 4.3 Platform Architecture
- 4.4 Business Configuration Architecture
- 4.5 Integration Architecture

Chapter 5 The fifth chapter is called **Basic Principles and Cross-Innovations** and this is the content you can look forward to:

- 5.1 Simplifying Solution Usage
- 5.2 Enabling Solution Adaptation
- 5.3 Providing Business Transparency

Chapter 6 The sixth chapter is called **Implementation, Adaptation, and Extension** and this is the content you can look forward to:

- 6.1 Business Configuration and Adaptation
- 6.2 End User Personalization
- 6.3 Key User Extensions
- 6.4 SAP Cloud Applications Studio

Chapter 7 This chapter is called **Taxonomy of the Subsidiary**. This is the content you can look forward to:

- 7.1 Taxonomy of Subsidiary Businesses

Chapter 8 This last optional chapter is called **Business Processes**.

This is the content you can look forward to:

Playlist Part 1

- 8.1.1 Customer Relationship Management - Introduction
- 8.1.2 Customer Relationship Management - Getting Started
- 8.1.3 Customer Relationship Management - Product Master Data Creation
- 8.1.4 Customer Relationship Management - Production Master Data Creation
- 8.1.5 Customer Relationship Management - Target Group and Campaign Management
- 8.1.6 Customer Relationship Management - Expense Report
- 8.1.7 Customer Relationship Management - Lead Management
- 8.1.8 Customer Relationship Management - Opportunity Management
- 8.1.9 Customer Relationship Management - Sales Quote and Order Management
- 8.2.1 Supply Chain Management - Introduction
- 8.2.2 Supply Chain Management - Supply Planning
- 8.2.3 Supply Chain Management - Sourcing and Procurement
- 8.2.4 Supply Chain Management - Inbound Logistics
- 8.2.5 Supply Chain Management - Production
- 8.2.6 Supply Chain Management - Outbound Logistics
- 8.3.1 Project Management - Introduction
- 8.3.2 Project Management - Project Planning
- 8.3.3 Project Management - Project Execution - Expense Report
- 8.3.4 Project Management - Project Execution - Project-to-Go App
- 8.3.5 Project Management - Project Execution - Project Monitoring
- 8.3.6 Project Management - Project Execution - Project Cockpit

Playlist - Part 2

- 8.4.1 Financial Management - Introduction
- 8.4.2 Financial Management - Project Invoice Request

8.4.3 Financial Management - Customer Invoice				
8.4.4 Financial Management - Receivables Management				
8.4.5 Financial Management - Document Flow - End-to-End Process				
8.4.6 Financial Management - Supplier Invoice				
8.5.1 Information Management - Introduction				
8.5.2 Information Management - Mobile Reporting				
8.5.3 Information Management - Browser-Based Reporting				
DevOps best practices: managing and scaling release automation in the Enterprise	22 nd /03/2019	XebiaLabs	1 hour	Information Engineering
The evolution of Application Release Automation (ARA)	22 nd /03/2019	XebiaLabs & Datical	1 hour	Information Engineering
Plan With Confidence: Route to a Successful DO-178C Multi-Core Certification.	27 th /09/2018	Open Systems Media, Windriver and Rockwell Collins	1 hour	Information Engineering
Umbraco CMS: How get Start Umbraco.	09 th /04/2018	Umbraco Inc.	1 hour	Information Engineering
Modern Billing for Modern SaaS Companies.	30 th /03/2018	Sage intact Inc.	1 hour	Information Engineering
Umbraco Cloud webinar.	29 th /03/2018	Umbraco Inc.	1 hour	Information Engineering
Assessing fluid flow, heat transfer, structural response and fatigue with engineering simulation.	3 ^d /02/2018 (viewed)	Ansys Inc.	1 hour/9min	Industrial Engineering
Product Design with Electrical, Mechanical and Thermal Simulation.	22 nd /01/2018	E&T e Comsol UK	1 hour	Industrial Engineering
ANSYS 18 Innovations - Embedded Software-Scade R18 Update.	11 th /01/2018	Ansys Inc.	42 min	Information Engineering
Model-Based Systems Engineering in the IoT Era-Is your company ready?	30 th /11/2017	E&T and PTC	52 min	Information Engineering and Industrial Engineering
Vivado Expert Series: High Speed Timing Closure Techniques.	22 nd /11/2017	Xilinx Inc.	1 hour/20 min	Information Engineering
Introduction to Reliability principles	11 th /06/2017	Wilde Analysis Ltd	25 min	Industrial Engineering
L'evoluzione della distribuzione elettrica verso l'Internet of Things.	21 st /04/2017	Voltimum Italia and Schneider Electric	1 hour	Industrial Engineering

Lo standard KNX per la domotica e la building automation: opportunità per tutti.	06 th /04/2017	Voltimum Italia e KNX Italia	1 hour	Industrial Engineering
Modellare sistemi multidominio con Simscape.	03/2017	Mathworks	1 hour	Information Engineering
Design Supervisory Control for Safety-Critical Systems.	03/2017	Mathworks	1 hour	Information Engineering
Data-driven Control: How to Design a Controller when plant model is not available.	03/2017	Mathworks	1 hour	Information Engineering
Model-Based Design Integrated Workflow for design, FPGA implementation & Validation	03/2017	Mathworks	1 hour	Information Engineering
Simulink for DO-178 Flight Software Development	03/2017	Mathworks	1 hour	Information Engineering
Marketing Digitale	21 st /10/2016	Google Digital Training e IAB Europe	26 online lessons, verification tests, final examination and certification.	Industrial Engineering

Sector: *Industrial Engineering or Management Engineering*

Topics:

Web Usability, Content marketing, Brand Awareness (Entertain, Educate, Inspire, Persuade), Brand Reputation, Local Marketing; Email Marketing, CTR (Click Through Rate), CR (Conversion Rate), Soft BR (Soft Bounce Rate) (Ex. Mailbox Overflow) and Hard BR (Hard Bounce Rate) (Ex. Broken links), Retargeting (or Remarketing), Churn Rate;

Touch Points (Customer Service, Online Advertising, B2B, B2C, CRM/ERP, Online Electronic Payments); USP (Unique Selling Points), SWOT Matrix (Strengths, Weaknesses, Opportunities, Threats);

Social Media and Social Media Strategy;

Metric Definition for the Sales Estimation and Web Analytics;

Segmentation (the Ansoff matrix, Porter's five forces analysis) and Marketing Strategy;

KPI (Key Performance Indicators) and their properties:

Specificity, Reproducibility, Availability, Pertinence, Delivery Time;

Extra Modules (No question in the tests):

Enterprise Productivity: Eisenhower Matrix, Cloud Computing (Office365, G Suite), Time management;

Machine Learning and Artificial Intelligence;

Cyber Security (Phishing), Wireless Network Security, Web Security (HTTPS protocol);

Programming Languages (description about the most used programming languages), API (Application Programming Interfaces).

Made in Italy: eccellenze in Digitale	09 th /03/2016-21 st /10/2016	Google e IAB Europe	90 online lessons, verification tests and final examination and certification.	Information Engineering
Sector: <i>Information and Management Engineering</i>				
Topics: SEO (Search Engine Optimization)/SEO Mobile, SEM (Search Engine Marketing); SEA (Search Engine Advertising), SMO (Social Media Optimization), Video Advertising; e-commerce, e-Learning; e-mail Marketing; Web Analytics, Web Data Science, Business Intelligence Tools (Google Analytics, Google Webmaster tool); Internationalization.				
P.S. A Google's Project for leading the Italian Companies to the modern digitalization process with the Big Data, Artificial Intelligence, and IoT (there were available Public Funds for this project). The project is expired on the 21 st of March 2016.				

Informal self education CNI and Engineering Association (15 CFP/year + fees)

Titolo	Data	Modalità	Settore
Progettazione ed installazione impianti d'antenna	30 th /11/2023	Self-education link: https://www.slideshare.net/ICTperspectives/progettazione-ed-installazione-impianti-dantenna	Civil and industrial engineering
Report 2030 Digital Decade	23 rd /11/2023	Self-education link: https://www.slideshare.net/ICTperspectives/report-2030-digital-decade	Information Engineering
Artificial Intelligence The Future of Humankind	2 nd /11/2023	Self-education link: https://www.slideshare.net/ICTperspectives/artificial-intelligence-the-future-of-humankind-ce68	Information Engineering
Ada versus VHDL	17 th /10/2023	Self-education link: https://www.slideshare.net/ICTperspectives/adaversu svhdl	Information Engineering
Intro to embedded systems programming	7 th /10/2023	Self-education link: https://www.slideshare.net/ICTperspectives/intro-to-embedded-systems-programming	Information Engineering
Scilab/Xcos 2024.0.0	28 th /11/2023	Self-education downloaded from: https://www.scilab.org/ a Dassault Systèmes company https://www.3ds.com/	Information and Industrial Engineering
TypeScript	10 th /08/2022	Self-education (installation npm, NodeJs): https://www.typescriptlang.org/ ebook: Typescript Handbook	Information Engineering
Blazor Framework	26 th /07/2022	Self-education: https://dotnet.microsoft.com/en-us/apps/aspnet/web-apps/blazor ebook: https://dotnet.microsoft.com/en-us/download/ebook/blazor-for-web-forms-devs/pdf	Information Engineering
AdaCore GNAT Studio 2021	18 th /05/2022-present	https://www.adacore.com/download (Community Edition) C and ADA95/2005/2012	Information Engineering
DO-254 Introduction for engineers and Managers	22 nd /04/2022	White paper from https://afuzion.com/do-254-introduction/	Information Engineering

Refactoring Legacy ABAP® Code	21 st /07/2021	ebook from https://www.sap-press.com/	Information Engineering
Laravel 8.5.12	8 th /03/2021	https://laravel.com/	Information Engineering
Composer 2.0.11	8 th /03/2021	https://getcomposer.org/	Information Engineering
Matlab, Simunlink, Simscape 2020b Trial Version	18th/11/2020-18th/12/2020	https://www.mathworks.com/campaigns/products/trials.html	Information and Industrial Engineering
Costs of Decommissioning Nuclear Power Plants, OECD & NEA	06/2020	eBook	Industrial Engineering
Nuclear electric Power, Safety, Operation and Control Aspects, J.Brian Knowles, Wiley	06/2020	eBook	Industrial Engineering
Workflow in Jenkins	7 th /05/2019	Slides: https://www.slideshare.net/ICTperspectives/workflow-in-jenkins	Information Engineering
Git Hub Desktop 1.6.1	01/2019	https://desktop.github.com/ (open source licence)	Information Engineering
RAM Commander for Windows Version 8.6	01/2019	A.L.D. website: http://www.aldservice.com/ (demo and free licence)	Information and Industrial Engineering
Python, Big Data and testing	14/11/2018	e-books	Information Engineering
Regulation (Eu) 2016/679 of the European Parliament and Council of European Ministers 27th of April 2016	04/2018	Website of the Italian Data Protection Authority (Garante per la protezione dei dati personali)	ICT security and laws (starting from the 25 th of May 2018)
Disegno Tecnico Industriale. Book: Emilio Chirone, Stefano Tornincasa Vol1, Vol2, Ed: Il Capitello	04/2017	e-books	Industrial Engineering
Vmware 12.5.7 Player	01/2017	https://www.vmware.com/it/products/workstation-player.html (no commercial use)	Information Engineering
Design Spark Electrical 2017 sp1	01/2017	https://www.rs-online.com/designspark/electrical-software	Industrial Engineering
Design Spark Mechanical 2	01/2017	https://www.rs-online.com/designspark/mechanical-software	Industrial Engineering

1 CFU/CFA is 25 hours of training. The formal university post degrees or PhDs always award 30 CFP per year. Download from the engineer's Massimo Talia website www.taliawebs.com The University/school teachers can require the CFP as education on the job.