

Training for engineers

As an engineer in Quebec, you are required to complete 30 hours of continuing education each year, in accordance with the requirements of the Ordre des Ingénieurs du Québec (OIQ). At Doussou Formation, we understand the challenges you face in keeping your skills up to date while meeting the demands of your profession. This is why we have designed training programs tailored to your professional needs and aligned with OIQ standards.

Training Designed for Engineers

We offer a complete range of technical and professional training programs to help you excel in your field while meeting your continuing education requirements.

1. Training on Specialized Software Tools

Software is at the heart of modern engineering. Our courses enable you to master essential tools to remain competitive:

AutoCAD: Learn how to create precise technical designs.

3D Studio Max, Rhino 3D, and Lumion: For 3D modeling and photorealistic rendering.

Blender and Unreal Engine: Ideal for prototyping and complex simulations.

Maya: Enhance your skills in design and simulation.

2. Project Management and Performance in Technical Environments

In an environment where projects are becoming increasingly complex, project management skills are essential:

- **MS Project and Planner:** Manage your projects efficiently.
- **Power BI and Advanced Excel:** Leverage your data for informed decision-making.
- **Leadership and Technical Communication:** Develop your influence as a manager or project leader.

3. Artificial Intelligence

- **Introduction to AI:** Understand the fundamental concepts of artificial intelligence, neural networks, machine learning, and modern models.
 - **AI for Engineers:** Leverage your data for informed decision-making and learn how to integrate AI into your technical projects.
 - **Generative AI and Automation:** Discover how to use tools such as ChatGPT, Copilot, and generative models to automate engineering tasks.
 - **Programming and Applied AI:** Learn to develop Python scripts to train models, analyze data, and implement operational AI solutions.
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Why Choose Doussou Formation?

- **Training Recognized by the OIQ:** All our courses comply with the requirements of the Ordre des Ingénieurs du Québec, allowing you to validate your hours with confidence.
- **Expert Trainers:** Our instructors are experienced professionals in their field, ensuring hands-on and valuable training.
- **Flexible Learning:** Choose online or in-person sessions according to your schedule and preferences.
- **Personalized Learning Paths:** We can tailor our training programs to your specific needs or those of your company.



- AI
- [\[Details\]](#)



- Python and Data Science
- [\[Details\]](#)



- Unreal Engine
- [\[Details\]](#)



- Git
- [\[Details\]](#)



- ReactJS
- [\[Details\]](#)



- Blender
- [\[Details\]](#)



- Mastering SQL Queries
- [\[Details\]](#)



- Java
- [\[Details\]](#)

The field of technological engineering is one that evolves the fastest. Constantly needing to update your skills to keep up with ever-changing software and methods, Doussou Formation designed tailored training programs specifically for engineers. We offer a wide range of interesting and relevant courses. Our team of instructors consists of experts in their field, and our approach promotes hands-on learning and small groups, encouraging interactions that foster meaningful and lasting learning experiences.

By completing your training with Doussou Formation, you will put your knowledge into practice, benefit from privileged access to your trainer, and receive personalized follow-up to ensure we consistently provide the best training.

For the required 30 hours of continuing education required by the Ordre des ingénieurs, we are here to support you. Let us give you the tools to stay up to date with technological and methodological advances. At Doussou, you will certainly find a course that meets your needs. Here are a few examples below.

Our Technology Courses

- JavaScript Training
- C# – C Sharp Training

- MVC ASP.Net Training
- React.JS – Continuing Education
- VUE.JS Training
- 3D Programming (Rhino 3D)
- 3D Max Training
- HTML5 and CSS3 Training
- Java Training
- PHP Courses
- Laravel Framework Courses
- Python and R Language Training
- Cybersecurity Courses
- XML Training

Our Methodology and Office Productivity Courses

- VBA Courses
- Excel Training
- Training: Mastering Macros and Introduction to Programming
- GIT Training: Writing Technical Documentation
- Zoom Training
- Microsoft Teams Training
- Nuance eCopy Training
- Acrobat Pro Training
- PowerPoint Training
- Publisher Training

By email: info@doussou-formation.com

About

Founded in 2016

97% satisfaction



Doussou Formation – Canadian provider of market-ready IT training

Founded in 2016, **Doussou Formation** quickly established itself as a leader in training for information technology, office productivity, human capital, project management, and graphic design, in Quebec and across Canada.

Our approach & quality commitment

- **Certifications and recognition:** over 97% satisfaction based on client evaluations.
- **Practice-based pedagogy:** 100% hands-on training, in small groups, with course materials, personalized follow-up, and certification at the end of the program.
- **Experienced trainers:** seasoned professionals, rigorously selected and assigned according to your needs.

Geographic reach & accessibility

Our training sessions are offered in person in **Montreal, Quebec City, and Gatineau/Ottawa**, as well as in **virtual classrooms** accessible anywhere in Canada.

We serve **businesses, public organizations, NPOs, and individuals** with a standardized “market-available” offering, compliant with procurement requirements (no custom development).

[Montreal](#)

[Quebec City](#)

[Gatineau / Ottawa](#)

[Online \(Canada\)](#)

Training domains & topics

More than **100 ready-to-start courses** – organized by major **topics** to quickly meet your needs.

Productivity & Office Tools
Data & Analytics
Development & DevOps
Collaboration & M365
Design, Graphics & Multimedia
Leadership & Human Capital
Project Management
Digital Marketing & SEO
Emerging Technologies & AI

Productivity & Office Tools

- **Spreadsheets & automation** – Excel (pivot tables, Power Pivot), Google Sheets
- **Documents & layout** – Advanced Word, templates, mail merge
- **Communication** – Outlook, email best practices

Data & Analytics

- **BI & visualization** – Power BI (Modeling, DAX), Tableau
- **Databases** – SQL (queries, optimization)
- **Data science** – Python for analysis

Collaboration & M365

- **Teams & team productivity** – meetings, channels, best practices
- **SharePoint & OneDrive** – structures, permissions, governance
- **Copilot & applied AI** – responsible use and quick wins

Design, Graphics & Multimedia

- **Adobe Suite** – Photoshop, InDesign, Illustrator
- **UX/UI & prototyping** – Figma, mockups and components
- **Animation & content** – basics of 2D/3D, visual storytelling

Leadership & Human Capital

- **Management** – leadership, two-way feedback
- **Effectiveness** – time & priority management
- **Work climate** – managing difficult employees

Project Management

- **Methods & tools** – planning, monitoring, risk management
- **Microsoft Project** – calendars, resources, reports
- **Agile/Hybrid** – practical team practices

Digital Marketing & SEO

- **SEO** – technical, content, linking, monitoring
- **Acquisition** – Google Ads, social media
- **Content** – editorial guidelines, conversion pages

Emerging Technologies & AI

- **Generative AI** – ChatGPT, Copilot, best practices
- **Systems & dev** – Linux, JavaScript, React, DevOps
- **Automation** – scripts, integrations, workflows

*Indicative lists: each topic is available at **beginner**, **intermediate**, and **advanced** levels, in person or in virtual classrooms.*

Our clients & references

- **Governments:** federal, provincial, municipal.
- **Public institutions:** CNESST, SAAQ, BAnQ...

- **Education & NPOs:** universities, colleges, community organizations.
- **Private sectors:** Hydro-Québec, Vidéotron, Bell, Desjardins...
- **International presence:** France, DRC, Guadeloupe, Mali.

Why choose Doussou Formation?

Strength	Description
Pan-Canadian reach	In-person in Quebec + virtual across Canada.
Standardized offering	Clear, ready-to-use catalog.
Small groups & support	Better learning through personalized guidance.
Bilingual accessibility	Materials and training in French and English.
Transparent pricing	Public rates, discounts under conditions (F01).
Proven credibility	Expert trainers, recognized clients.

Address: 1155 Metcalfe Street – Montreal

[Contact us](#)

[View PDF catalog](#)

They trust us

Many companies, institutions, and organizations place their trust in us and continue to attend our training.

Here are some examples:

Sector	Organizations
Financial services, real estate and insurance	Desjardins, National Bank of Canada, Intact, Olympus, Global Pay
Leisure, culture and hospitality	Caraïbes Nordiques, Tangente Danse, PPS Danse, Théâtre de la Dame de Cœur, Le Carrousel, Productions Roméo et Fils, Tidan
Federal government agencies	Government of Canada, RCMP, Department of Fisheries and Oceans, National Defence
Provincial government agencies	Ministry of Families, Ministry of the Environment, MSSS (Ministry of Health and Social Services), CNESST, Québec Research Fund, SAAQ, Public Curator, BANQ (National Library and Archives of Québec), Tourisme Québec, UPAC
Municipalities	City of Montréal, Municipality of Sayabec
Education services	Laval University, Université de Montréal, Cégep de Trois-Rivières, Royal Military College Saint-Jean, University of Ottawa, CPE de la Courtepointe

Sector	Organizations
Technology & communications	Captel, Blue Solutions, Progi, PMG Technologies, Hydro-Québec, Vidéotron, Bell Canada, TC Transcontinental, GRICS
Non-profit organizations	Résidence Le Monarque, Réseau-Femmes Ontario, Sphère Québec, Alzheimer Outaouais, Valoris, Culture Laval, Québec Logistics Innovation Institute
Social & public services	Urgences-Santé, IDDPNQL, CSS des Patriotes (School Service Centre), SIS Immigration, RDÉE Canada, Société Économique de l'Ontario
Associations & professional orders	Ordre de la Physiothérapie du Québec, Professions Québec, CPA Québec, Public Service Alliance, Association des cadres des CPE
Construction & manufacturing	ENERGI Fenestration, APL Construction, Canatal, MSP, Veolia, Acti Solutions, Photon, Les Bois de Plancher PG, KID Toy
Transport & logistics	Groupe Morneau, Communauto, STO Outaouais (Public Transit Service)
Agriculture & food	F. Ménard
Retail & e-commerce	Jackfield, Safran
Cosmetics & wellness	Institut de Beauté Manon Simard
International	RATP (France), IMIE (France), Davidson Paris, Koala Web (Guadeloupe), Malitel (Mali), AAC/RDC (Congo)



R Language Course: RStudio, Reporting

Introduction to the R language

Introduction

What is R?

Discover the analytical aspect

The business intelligence side of R / RStudio

The areas of use of R

Discover RStudio

Getting started with the RStudio environment

- Install RStudio
- Configure RStudio
- Use the console
- Install a package
- Use of aids
- Discover the Markdown

The basics of the R language

- The variables
- The functions
- Calculations
- Evaluate flow conditions and controls
- curls
- Create custom features
- Calculate the execution time
- Data structure: matrix
- Data structure: ts
- Data structure: Date and time
- Data structure: factor
- Work environments

Manipulate data structures

- The vectors
- The lists
- Matrices
- DataFrames

Draw a parallel between R and a spreadsheet

- Adapt in R / RStudio spreadsheet operations.
- Adapt the spreadsheet functions to R / RStudio.
- Import and export data (spreadsheet versus R / RStudio)
- Exploit the best of both software.

Handling data with R

Importing data
Exporting data
Selection and grouping of data

Case Study: Consolidate the Basics of R Language and RStudio Software

Using tidyverse for more efficiency
Tidyverse modules: dplyr, ggplot2, tibble, readr, tidyr, purrr
Data preparation
Import (and export) datasets.
Understanding the data (Explore and visualize)
Process missing values
Process outliers.
Model: select, filter, sort, modify, add, delete.
Manipulate categorical data.
Manipulate time series.
Produce PDF, HTML, etc. reports

View data with R

Realization of graphs with R software
Customize graphs with R software
Draw maps with R software

Other Related Courses

[Python Training for Data Science](#)