



INTELLIGENT SYSTEMS ACADEMY

WE BOOST YOUR INNOVATIVE CAPACITY
BY SHARING OUR KNOWLEDGE
WITH YOU

Intelligent
Systems

altran

Do you want to keep your engineers up to date in a constantly changing market?
Is their **knowledge build-up** high on your agenda?

With our **Intelligent Systems Academy**, we developed a wide range of **courses** to counter the lack of quality trainings on embedded software and to share the knowledge of our embedded software **experts** with you.

Courses are taught by our software experts who themselves have many years of **experience in embedded software development**.

The **professional background** of our trainers and the top-**quality** of the courses have earned us a **99% recommendation rate**.

Our trainings are organized frequently and with great **flexibility**, many topics, various formats and different locations.

Upon request, **training packages** can also be tailored to your specific needs.

HOW TO SUBSCRIBE?

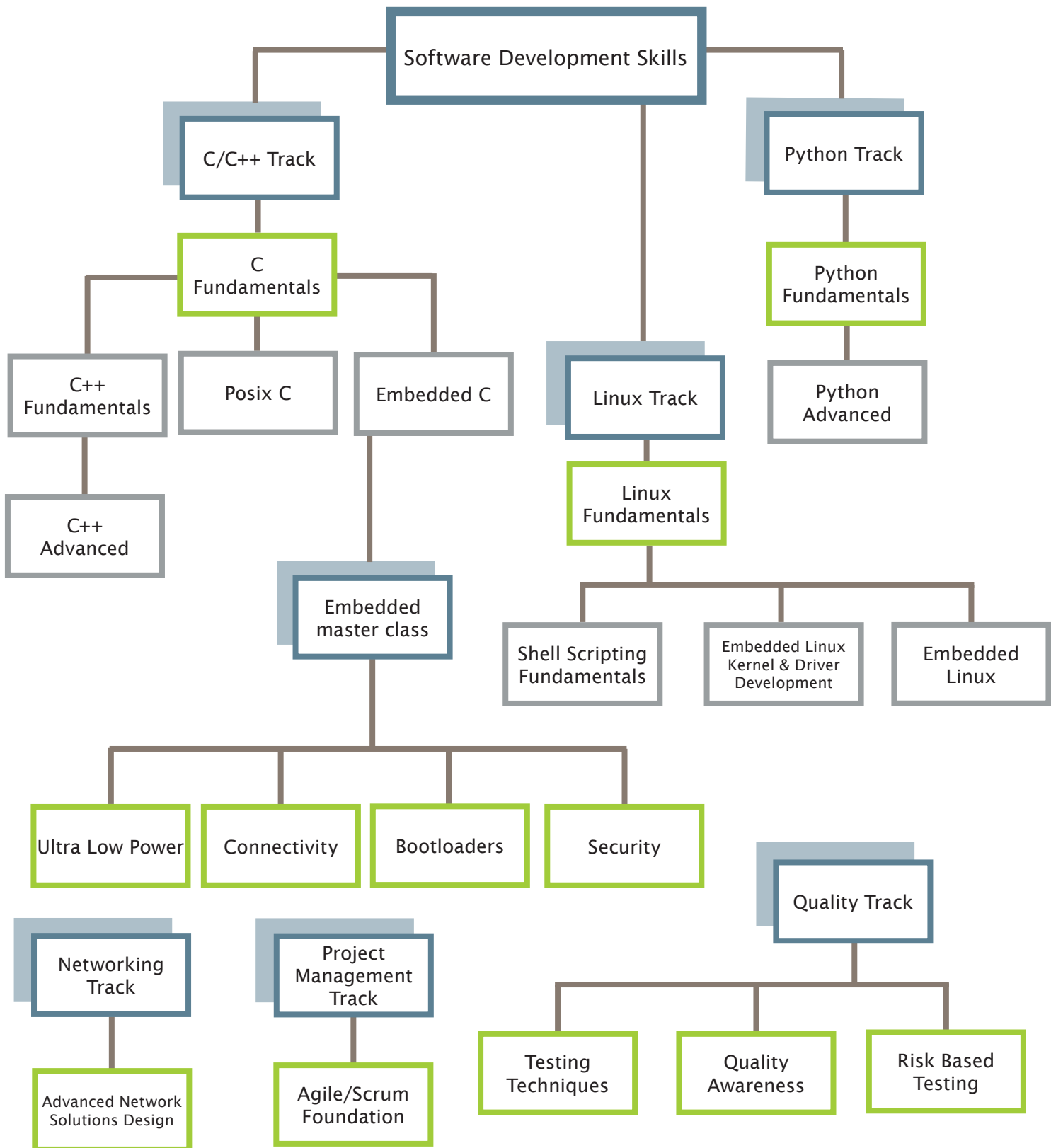
- Take a look at the training portfolio
- Check the Intelligent Systems Academy Calendar via www.intelligent-systems.altran.com
- Send your registration to training.intelligent-systems.be@altran.com

NEWSLETTER?!

Do you want to stay up to date about the scheduled courses?

Send an email to training.intelligent-systems.be@altran.com and receive the monthly Intelligent Systems Academy newsletter.

TRAINING PORTFOLIO



C/C++ TRACK

C Fundamentals	The basic C knowledge together with more advanced features such as unit testing, 'generic' programming, ...
C++ Fundamentals	The basic C++ knowledge augmented with C++11, Embedded C++, Qt, ...
Posix C	This course explains what POSIX is, how the POSIX OS works, how to interact with the OS, everyday use of common API libraries, ...
Embedded C	Programming C for embedded systems. This starts with a bare metal approach and is extended with an introduction to FreeRTOS, a real-time OS.
C++ Advanced	A sequel on the C++ fundamentals course. Revisits some topics and digs a little deeper into them.

PYTHON TRACK

Python Fundamentals	The basic Python knowledge: object - oriented programming, creating modules, ...
Python Advanced	Expanding the basic Python Fundamentals course: threading, interfacing C/C++,...

LINUX TRACK

Linux Fundamentals	Introduction course to the Linux command line, built up from the absolute basics to an (optional) part about writing scripts.
Embedded Linux	Embedded Linux kernel configuration and cross compilation, bootloaders, file systems, Linux Kernel Architecture,...
Shell Scripting Fundamentals	Teaches the basics of Shell scripting
Embedded Linux Kernel & Driver Development	Under construction

EMBEDDED MASTER CLASS

Ultra Low Power	Approaching power consumption as a system issue, this workshop helps establishing the step stones for an ultra low power development strategy.
Connectivity	Under construction
Bootloaders	Under construction
Security	Under construction

NETWORKING TRACK

Advanced Network Solutions Design	Designing and developing fully distributed applications and solutions.
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PROJECT MANAGEMENT TRACK

Scrum-Agile	Scrum is a way for teams to work together to develop a product. Next to the theoretical background, this course provides various hands-on exercises to illustrate the power of scrum.
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QUALITY TRACK

Testing Techniques	This course is a hands-on workshop in formal testing techniques.
Quality Awareness	How do you monitor quality in a project? What tools are available?
Risk-based Testing	After this workshop, participants are able to start implementing effective and efficient risk assessments in new and running projects.