gamax
laboratory
solutions

YOUR INNOVATION.
OUR PASSION.

Communications, Electronics, Semiconductors, Software and Internet Curricula

GAMAX Laboratory Solutions helps you overcome your complex engineering challenges. We help a broad spectrum of industries to accelerate the innovation process in the field of R&D. As the sole authorized regional representative for Eastern Europe since 1996, we provide over two decades of expertise with Mathworks, Comsol, and Speedgoat products, software, and training. We offer consultation in project planning and design, research, virtual prototyping, testing, and go to market simulations.

Prerequisites
For engineers who are new to MathWorks tools.

Technical Computing & Data Analysis
For engineers to build applications that are robust and offer complex data processing, visualization and machine learning capabilities.
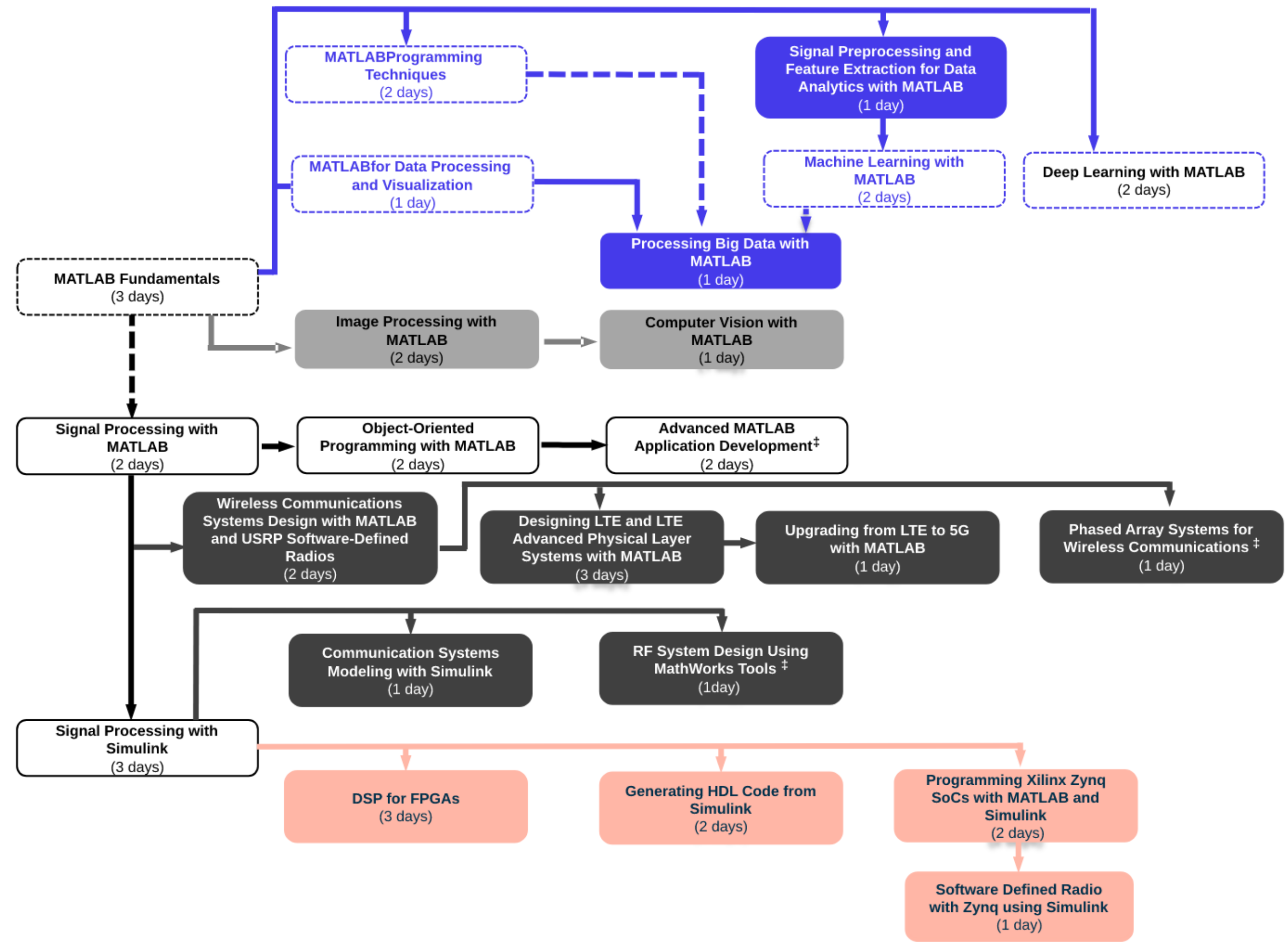
Wireless Communications
For engineers to build wireless communication systems using traditional and modern techniques using MATLAB and Model-Based Design approaches.

Image Processing and Computer Vision
For engineers to build image processing and computer vision-based algorithms in MATLAB.

FPGAs
For engineers to use Model-Based Design approach to implement effective signal processing algorithms that are code generation ready, generate optimized code, and target a Zynq based SoC.

Self-paced Online Course
* All online courses can be offered in a classroom

- - - ▶ Soft Prerequisite

MATLABProgramming Techniques
(2 days)

Signal Preprocessing and Feature Extraction for Data Analytics with MATLAB
(1 day)

MATLABfor Data Processing and Visualization
(1 day)

Machine Learning with MATLAB
(2 days)

Deep Learning with MATLAB
(2 days)

MATLAB Fundamentals
(3 days)

Processing Big Data with MATLAB
(1 day)

Image Processing with MATLAB
(2 days)

Computer Vision with MATLAB
(1 day)

Signal Processing with MATLAB
(2 days)

Object-Oriented Programming with MATLAB
(2 days)

Advanced MATLAB Application Development ‡
(2 days)

Wireless Communications Systems Design with MATLAB and USRP Software-Defined Radios
(2 days)

Designing LTE and LTE Advanced Physical Layer Systems with MATLAB
(3 days)

Upgrading from LTE to 5G with MATLAB
(1 day)

Phased Array Systems for Wireless Communications ‡
(1 day)

Communication Systems Modeling with Simulink
(1 day)

RF System Design Using MathWorks Tools ‡
(1day)

Signal Processing with Simulink
(3 days)

DSP for FPGAs
(3 days)

Generating HDL Code from Simulink
(2 days)

Programming Xilinx Zynq SoCs with MATLAB and Simulink
(2 days)

Software Defined Radio with Zynq using Simulink
(1 day)

The Value of an Experienced Training Expert

Our training courses are developed by MathWorks' team of training engineers with exclusive product knowledge gained from working closely with product developers. They acquire significant hands-on experience by using new products months before they are released and are always current on new capabilities.
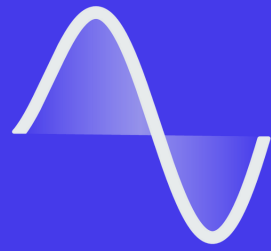
Learn Relevant Skills

Each course contains a set of learning objectives designed to help participants quickly master necessary skills. Our hands-on approach allows participants to practice, apply, and evaluate their knowledge in the classroom.

Receive Expert Instruction

Our training employs industry-accepted best practices for adult learning and technical instruction, and has developed course content that facilitates a "Presentation, Practice, Test" approach to learning. All training engineers have been selected based on their theoretical knowledge, technical education, experience, and teaching ability.

Increase Team Success Rates

According to post-training surveys, teams who receive 40 hours of training meet project objectives three times as often as those who receive 30 hours or less. This increase in training time raises the likelihood of meeting objectives by 90%.

Expand your knowledge