

## Products available through Mepco Schlenk Engineering College's Campus-Wide License

### MATLAB Product Family

#### **MATLAB**

##### *Application Deployment*

MATLAB Compiler  
MATLAB Compiler SDK

##### *Code Generation*

Embedded Coder  
Filter Design HDL Coder  
Fixed-Point Designer  
GPU Coder  
HDL Coder  
HDL Verifier  
MATLAB Coder

##### *Data Science and Deep Learning*

Deep Learning Toolbox  
Predictive Maintenance Blockset  
Statistics and Machine Learning  
Toolbox  
Text Analytics Toolbox  
Reinforcement Learning Toolbox

##### *Database Access and Reporting*

Database Toolbox  
MATLAB Report Generator

##### *Math, Statistics, and Optimization*

Curve Fitting Toolbox  
Deep Learning Toolbox  
Global Optimization Toolbox  
Mapping Toolbox  
Optimization Toolbox  
PDE Toolbox  
Statistics and Machine Learning  
Toolbox  
Symbolic Math Toolbox

##### *Parallel Computing*

MATLAB Parallel Server  
Parallel Computing Toolbox

### Simulink Product Family

#### **Simulink**

System Composer

##### *Code Generation*

AUTOSAR Blockset  
Embedded Coder  
Fixed-Point Designer  
HDL Coder  
HDL Verifier  
Simulink Code Inspector  
Simulink Coder  
Simulink PLC Coder

##### *Event-Based Modeling*

SimEvents  
Stateflow

##### *Physical Modeling*

Simscape  
Simscape Driveline  
Simscape Electrical  
Simscape Fluids  
Simscape Multibody

##### *Real-Time Simulation and Testing*

Simulink Desktop Real-Time  
Simulink Real-Time

##### *Simulation Graphics and Reporting*

Simulink 3D Animation  
Simulink Report Generator

##### *Verification, Validation, and Test*

Simulink Check  
Simulink Coverage  
Simulink Design Verifier  
Simulink Requirements  
Simulink Test

### Application Products

##### *Aerospace*

Aerospace Blockset  
Aerospace Toolbox

##### *Automotive*

Automated Driving Toolbox  
AUTOSAR Blockset  
Model-Based Calibration Toolbox  
Powertrain Blockset  
Vehicle Dynamics Blockset  
Vehicle Network Toolbox

##### *Autonomous Systems*

Automated Driving Toolbox  
Robotics System Toolbox  
Sensor Fusion and Tracking  
Toolbox

##### *Computational Biology*

Bioinformatics Toolbox  
SimBiology

##### *Computational Finance*

Database Toolbox  
Datafeed Toolbox  
Econometrics Toolbox  
Financial Instruments Toolbox  
Financial Toolbox  
Risk Management Toolbox  
Spreadsheet Link  
Trading Toolbox

##### *Control Systems*

Control System Toolbox  
Fuzzy Logic Toolbox  
Model Predictive Control Toolbox  
Predictive Maintenance Blockset  
Reinforcement Learning Toolbox  
Robust Control Toolbox  
Simulink Control Design  
Simulink Design Optimization  
System Identification Toolbox

##### *FPGA and ASIC Design*

Filter Design HDL Coder  
Fixed-Point Designer  
HDL Coder  
HDL Verifier  
LTE HDL Toolbox  
SoC Blockset  
Vision HDL Toolbox

##### *Image Processing and Computer Vision*

Computer Vision Toolbox  
Image Processing Toolbox

##### *RF and Mixed Signal*

Antenna Toolbox  
Mixed-Signal Blockset  
RF Blockset  
RF Toolbox  
SerDes Toolbox

##### *Signal Processing*

Audio Toolbox  
DSP System Toolbox  
Phased Array System Toolbox  
Signal Processing Toolbox  
Wavelet Toolbox

##### *Systems Engineering*

Simulink Requirements  
Stateflow  
System Composer

##### *Test and Measurement*

Data Acquisition Toolbox  
Image Acquisition Toolbox  
Instrument Control Toolbox  
OPC Toolbox  
Vehicle Network Toolbox

##### *Wireless Communications*

5G Toolbox  
Communications Toolbox  
LTE Toolbox  
WLAN Toolbox

### Polyspace Product Family

Polyspace Bug Finder  
Polyspace Code Prover