

# MATLAB® & SIMULINK®

Available for all Faculty, Researchers & Students

Use the latest versions of MATLAB, Simulink, and add-on products to support your coursework and research.

## Sampling of Available Add-On Products:

- Bioinformatics Toolbox
- Control System Toolbox
- Curve Fitting Toolbox
- Data Acquisition Toolbox
- DSP System Toolbox
- Image Processing Toolbox
- Instrument Control Toolbox
- Optimization Toolbox
- Parallel Computing Toolbox
- Signal Processing Toolbox
- Simscape Multibody
- Simscape
- Simulink Control Design
- Stateflow
- Statistics and Machine Learning Toolbox
- Symbolic Math Toolbox
- Plus 32 more!



**Get Access:** [https://www.mathworks.com/academia/tah-portal/universitatea-tehnica-din-cluj-  
napoca-31428158.html](https://www.mathworks.com/academia/tah-portal/universitatea-tehnica-din-cluj-napoca-31428158.html)



# MATLAB® & SIMULINK®

Available for all Faculty, Researchers & Students

Use the latest versions of MATLAB, Simulink, and add-on products to support your coursework and research.

## Application Areas include:

- Math and Statistics
- Embedded Systems
- Control Systems
- Digital Signal Processing
- Communications Systems
- Image Processing and Computer Vision
- FPGA Design and Codesign



**Get Access:** [https://www.mathworks.com/academia/tah-portal/universitatea-tehnica-din-cluj-  
napoca-31428158.html](https://www.mathworks.com/academia/tah-portal/universitatea-tehnica-din-cluj-napoca-31428158.html)



## Why MATLAB & Simulink?

Millions of engineers and scientists worldwide use MATLAB and Simulink.



90,000+ business,  
government, and  
university sites



All of the top 10  
auto manufacturers<sup>1</sup>



All of the top 10  
aerospace companies<sup>2</sup>



Three of the top five  
internet companies

<sup>1</sup>OICA: 2016 World Motor Vehicle Production

<sup>2</sup>PwC: Aerospace and Defense 2017 Year in Review



# Key Industries



**Aerospace and Defense**



**Automotive**



**Biological Sciences**



**Biotech and Pharmaceutical**



**Communications**



**Electronics**



**Energy Production**



**Financial Services**



**Industrial Machinery**



**Medical Devices**



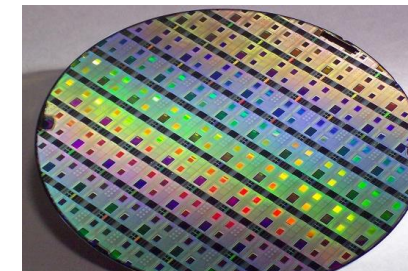
**Metals, Materials, Mining**



**Neuroscience**



**Railway Systems**



**Semiconductors**



**Software and Internet**

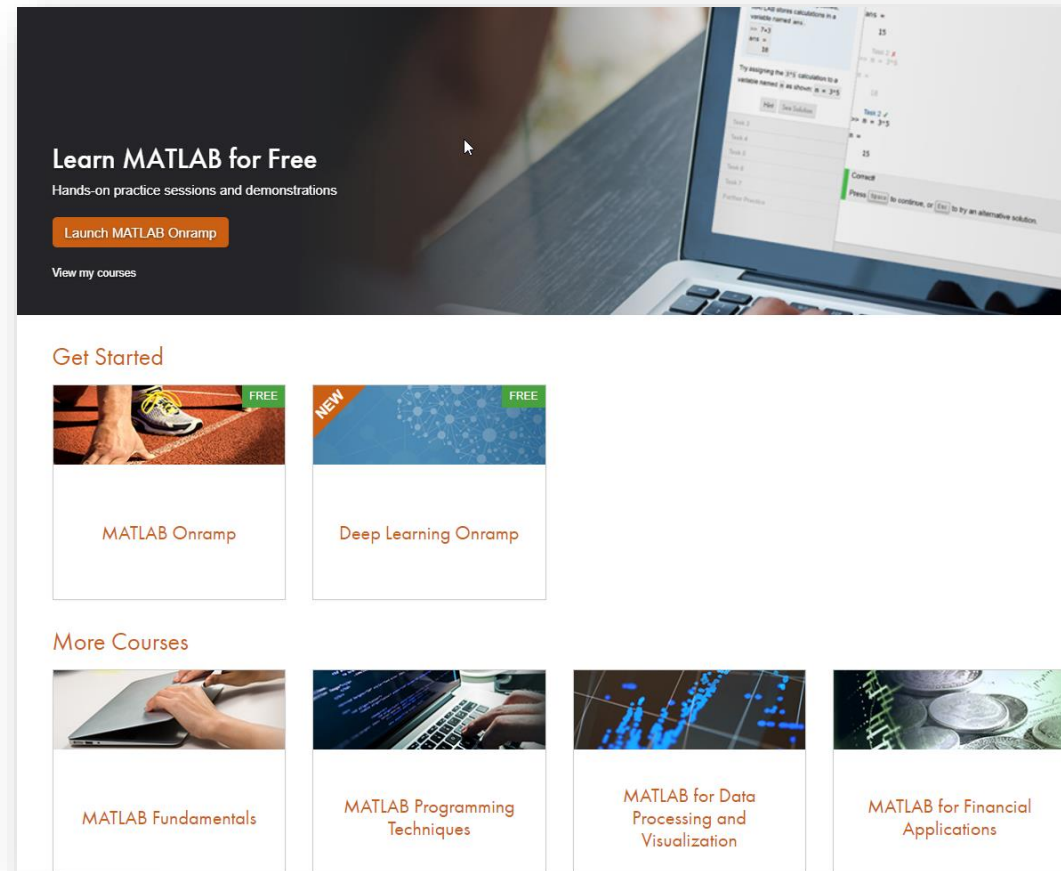
# Interactive, Self-Paced Courses

## Online Self-Paced MATLAB Courses

- Easy access from anywhere
- Built-in integration with MATLAB Online
- On-demand

## Task Oriented Lessons

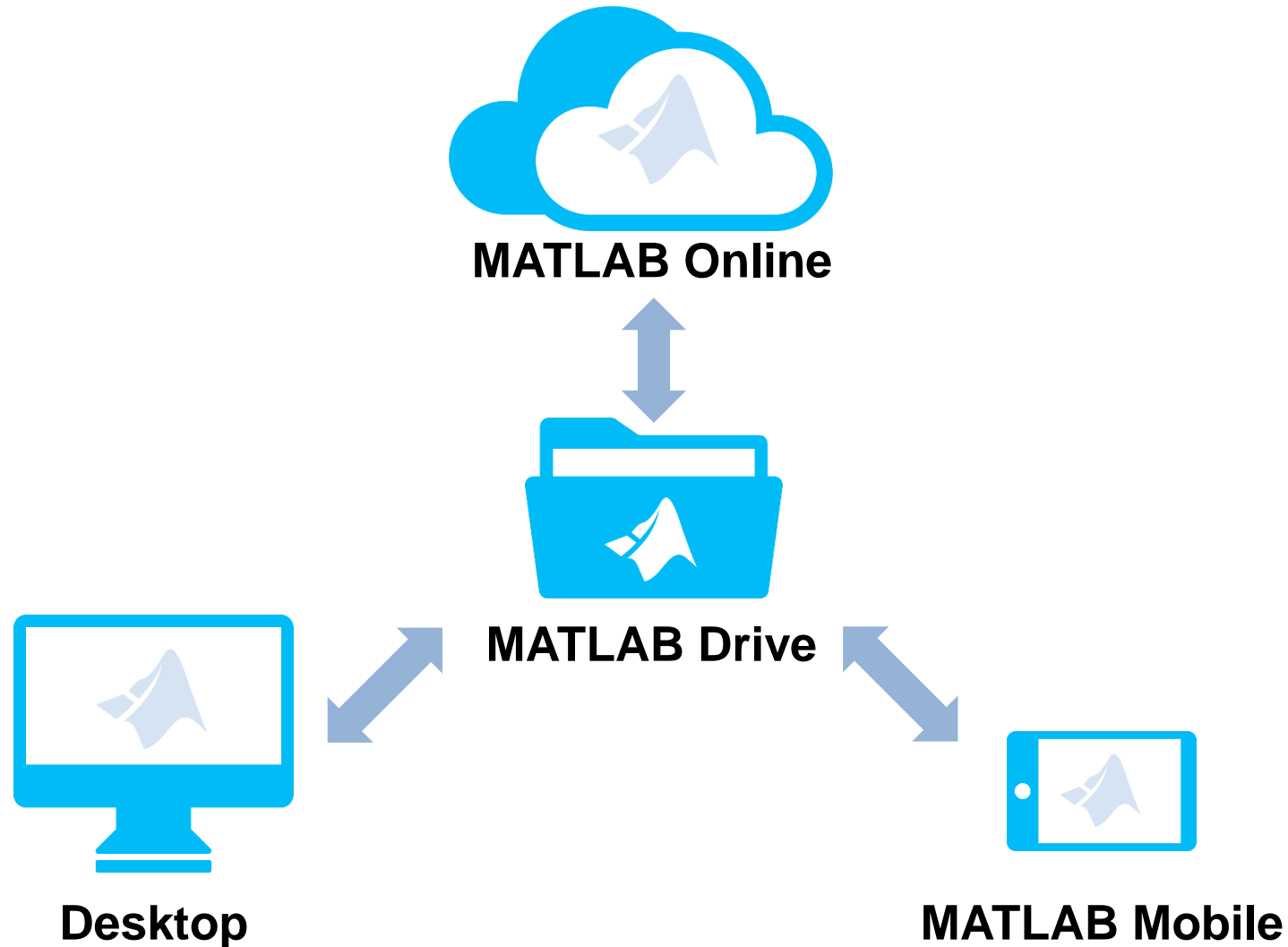
- Best practices and typical workflows
- Short illustrative videos
- Interactive pages
- Hands-on exercises with feedback



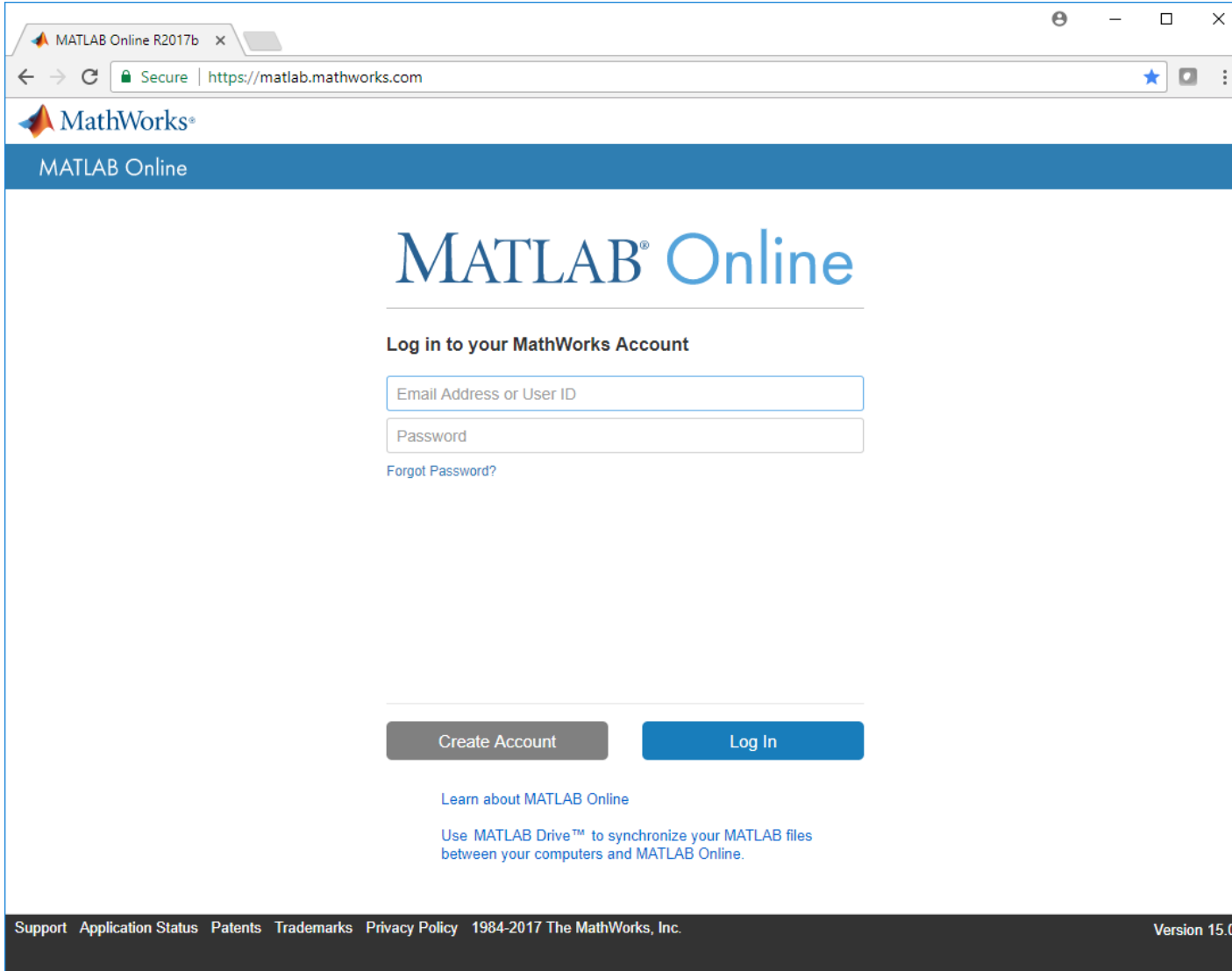
[matlabacademy.mathworks.com](https://matlabacademy.mathworks.com)

# MATLAB Anytime Anywhere- Access these services from:

<https://www.mathworks.com/academia/tah-portal/universitatea-tehnica-din-cluj-napoca-31428158.html>



# MATLAB Online - Use MATLAB through Your Browser



MATLAB Online R2017b

Secure | https://matlab.mathworks.com

MathWorks®

MATLAB Online

## MATLAB® Online

Log in to your MathWorks Account

Email Address or User ID

Password

[Forgot Password?](#)

[Create Account](#) [Log In](#)

[Learn about MATLAB Online](#)

Use MATLAB Drive™ to synchronize your MATLAB files between your computers and MATLAB Online.

Support Application Status Patents Trademarks Privacy Policy 1984-2017 The MathWorks, Inc. Version 15.0

- No downloads
- No setup
- No installation
- No maintenance

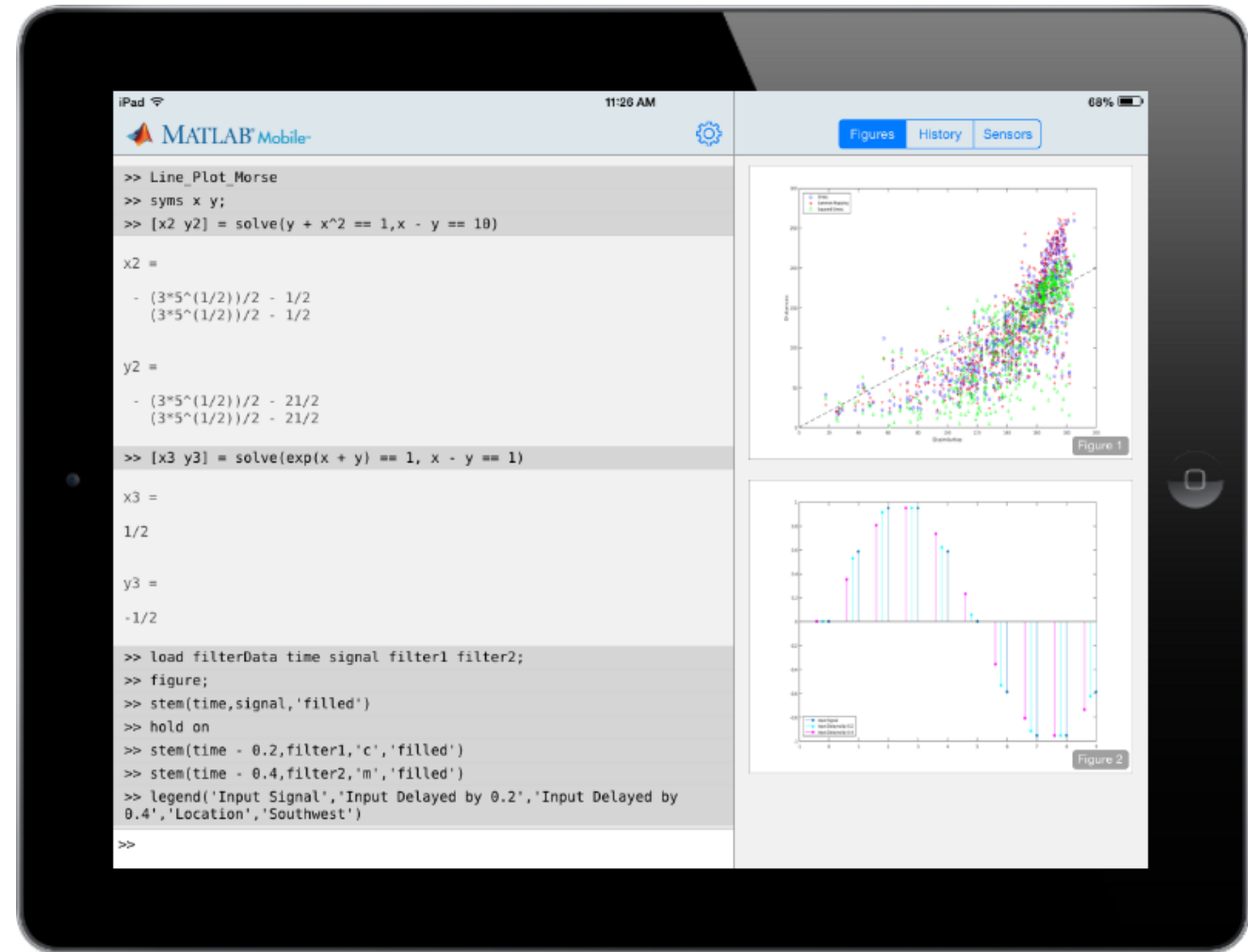
- Just sign in at

**matlab.mathworks.com or your  
University MATLAB Portal**

- Use it anywhere, anytime, on any computer, laptop or Chromebook



# MATLAB Mobile-Available for your iPhone, iPad, or Android device (Sign-in with your account)





# MATLAB & Simulink | Applications & Industries

Mathematical Modeling



Aerospace and Defense

Signals and Communications



Automotive

Control Systems



Communications, Electronics,  
Semiconductors

Data Analytics



Industrial Automation and  
Machinery

Computer Vision and Image  
Processing



Energy and Chemical Production

Physical Modeling



Financial Services

Internet of Things



Biotech and Pharmaceuticals