

# Opus College of Engineering Azure Cloud Software List for Fall 2024-Spring 2025

## Azure Cloud Windows Virtual Desktop Environment

### College of Engineering Apps

#### CAD Programs

- Solidworks 2024 with Simulation, CAM, Motion, Flow Simulation, and Visualize add-ons
- AutoDesk AutoCAD, Civil3D, Inventor, Navisworks Manage, Revit 2024

#### Standard and Productivity Software

- Microsoft Edge
- Microsoft Office 365 (Word, Excel, PowerPoint, OneNote, Publisher, Access)
- Microsoft OneDrive Client
- Microsoft Project 365 (\$120/student/year cost)
- Microsoft Teams

#### Civil, Construction, and Environmental Engineering

- ArcGIS Pro
- Drinking Water Distribution Systems Modeling (EPANET)
- Hydrologic Modeling System (HEC-HMS)
- Hydrologic River Analysis System (HEC-RAS)
- Storm Water Management Modeling (SWMM)
- TauDEM Terrain Analysis 5.3.7

#### Electrical & Computer Engineering Software

- LabVIEW
- Circuit Design Suite (Multisim & Ultiboard)

#### Programming, Development & Data Acquisition

- Arduino IDE 1.8.19
- Code Composer Studio 10.2.0
- Git
- LabVIEW
- Matlab 2024a
- Microsoft Visual Studio Code
- NotePad++
- Processing 4.3 Sketchbook & Language
- Python 64-bit 3.12.2

#### Mathematics & Statistics Software

- R 4.3.3 and R Studio 2023
- SPSS 29

#### Mechanical Engineering Software

- ANSYS 2024 R1 (limited to select classes)
- Granta EduPack 2024 R1

## Azure Cloud Lab Access Instructions

Visit <http://coetech.marquette.edu/azure> to download the Azure Remote Desktop client and login using your eMarq credentials.

#### TIPS:

- ◆ Use OneDrive to save and sync files with your physical computer
- ◆ Accessing outside of class times may take 5-10 minutes to log on
- ◆ Please sign out instead of disconnecting to properly end your session

Need more help? Contact [coetech@marquette.edu](mailto:coetech@marquette.edu) or stop by the COE Tech office in Engineering Hall 254.

