

# Computer Requirements

## For Undergraduate Courses in Civil and Environmental Engineering

### List of Software:

- Bentley in Hydraulics and Hydrology (Windows ONLY)
- Bentley: STAAD.PRO (Windows ONLY)
- AutoCAD 2015
- MATLAB R2017a

*Note:* Only AutoCAD and MATLAB (R2014b and later) supports both Windows and MAC versions. The other software can only be installed in Windows or Windows emulator in MAC.

**MAC is NOT recommended.**

### Minimum Requirements:

#### Windows:

- **Operating System:**
  - Windows 7 or later (32-bit or 64-bit), and Windows 10 recommended
- **RAM:**
  - 2 GB minimum (4 GB minimum if installing the 64-bit version), and 8 GB recommended
- **Processor:**
  - Any Intel or AMD x86-64 dual-core processor with 1 GHz minimum, quad-core processor recommended
- **Hard Disk Space:**
  - 100 GB, and 500 GB recommended
- **Screen Resolution:**
  - 1024 X 768 with true color, and 1680 X 1050 or higher with true color recommended

#### MAC OS (for AutoCAD 2015 and MATLAB R2017a only):

- **Operating System:**
  - Mac OS X v10.11 or later
- **RAM:**
  - 4 GB, and 8 GB recommended
- **Processor:**
  - 64-bit Intel CPU, and Intel Core Duo CPU, 2 GHz or faster, recommended
- **Hard Disk space:**
  - 3 GB
- **Screen Resolution:**
  - 1280 X 800 display with true color, and 2880 X 1800 with retina display recommended