

## **Technology Requirements for Various Academic Programs at MNU**

### **Bible, Theology, and Missions**

There are no minimum requirements for technology in this department, other than students will need to have access to word processing software, such as Microsoft Word.

Computer usage in the classroom is prohibited unless approved by a professor on a case-by-case basis.

### **Business**

Windows-based computers are preferred. Graduate programs ask that students bring laptops to class. Students will need to have access to Microsoft Office applications (e.g., Excel, Word, PowerPoint).

### **CAPE**

Access to a reliable computer (desktop or laptop) is required. Students may use either a Windows-based PC or a MacBook as long as they are able to access Moodle and other online resources. Students will need access to Microsoft Office applications (e.g., Excel and Word). There are no specialized software requirements beyond Office 365. Currently, there are no cloud storage requirements for CAPE students.

### **Education**

Students must have a third-generation or higher iPad once admitted into their respective Education program (graduate, undergraduate, or professional). Computers are often used in face-to-face classes. Computers are provided for those who do not have one. Assignments (“handouts”) are done in a paperless format, and are distributed online via Moodle or Google Drive. The tablet must be an iPad. Microsoft Office or Google Docs, iTunes, and Adobe Reader apps are required.

To take advantage of the interactivity of courses, the following minimum system profiles are required for students to be successful in the Moodle and iTunes U learning environments:

Apple computer, Mac OS X (preferred), 4 GB RAM, broadband Internet access, and browser with Java enabled (most students use Firefox)

OR

Windows computer, Windows XP, Vista, or Windows 7, 2GB RAM, sound card and speakers, broadband Internet access, and browser with Java enabled (most students use Firefox)

Computer with microphone and speaker required for synchronous learning. A headset with microphone is recommended.

Students must use Microsoft Office-like software for submitting assignments, or use Google Docs. Focusx21 and Taskstream software is required. Fees associated with classes pay for student access to this software.

Education encourages students to use Google Drive for cloud storage of files associated with their Clinical Case File and Portfolio.

### **Graphic Arts**

Students may have a Windows-based or Macintosh computer, but a Mac is preferred because of its compatibility with the graphics arts lab workstations, which are Macs. The computer must be capable of running Adobe Creative Cloud applications, including video, animation, and 3D rendering.

### **Mathematics and Science**

There are no minimum requirements for technology in this department, other than students will need to have access to word processing software, such as Microsoft Word. Some students will need Java and Flash capability on their computer.

### **Nursing**

To participate successfully in courses in the various MNU nursing programs (and particularly for all online courses and programs), all students must have individual access to a personal computer of one of the following types (recommended to be not more than three years old):

Microsoft Windows-based computer (laptop preferred) with Windows 7 or newer OR Apple Mac computer (MacBook laptop preferred) with Mac OS 10.5 or newer

Recommended access to webcam and multimedia headset, and the following software: Firefox or Google Chrome browser, Adobe Flash Player, Microsoft Silverlight, Adobe Acrobat Reader, and Microsoft Office.

It is recommended that the student's laptop computer be brought to class.

Additionally, there is an ATI testing subscription for ABSN and TBSN students, with very specific requirements:

- Current version of one of the following browsers: Google Chrome, Internet Explorer, Mozilla Firefox, or Safari – with Javascript and cookies enabled
- Computer running Windows 7 or later, or Mac OS X 10.9 or later, with a minimum screen resolution of 1024 x 600