















The *electrical training ALLIANCE* Blended Learning

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The Basics of the LMS

- The website: blendedlearning.njatc.org
- Logging In: Your username is your email address
- Lost Password: Click the link below Sign-In on the Login page
- Recommended Operating Systems: [Windows®](#)  **7, 8, 8.1, and 10**
- Needed Browsers: [IE](#)  and/or [Edge](#) , [Chrome](#) , and [Firefox](#) 
- Where to find help: lmshelp.njatc.org
- What about a [MacBook®](#) ? An off-the-shelf [MacBook®](#)  with the appropriate browser will run the entire LMS **EXCEPT** for the simulators. To run those, virtualization software like [Parallels](#)  needs to be installed that will allow the [Windows®](#)  OS to be installed. By running the [Windows®](#)  OS on the [MacBook®](#) , all of the LMS will run.
- What about an [iPad](#) ? Similar to [Android](#)  items, off-the-shelf [Flash®](#)  will not run. The simulators and nearly all of the interactive animations will be inaccessible as well. – See note under **Machines that do not run the LMS** later in this document

LMS Navigation

- **Home** – Basic homepage, recommendations, and directions to help
- **My Courses** – Courses in which the user has been enrolled
- **Catalog** – All courses available to the training program. If you have enrollment in the course, you may access from the catalog. If you do not, you will be notified of no access – access is granted only from enrollments made in the Enrollment App.
- **My Reports** – Based on user role, reports vary:
 - Students may view personal work.




Further Navigation

- **Web Resources**: External links to websites relative to the lesson topic. Visible to all roles and usable by students to augment training.
- **CourseWare Study Plan and Enhanced Materials**: Links to interactive activities, media clips, and reference material.








Quizzes

- The first attempt is the attempt averaged into the course grades.
- Users may attempt a lesson as many times as they choose.
- Users may see all of the answers and solutions notes upon submission of first attempt.
- All attempts are individually reviewable.
- Logout due to inactivity is set at 45 minutes.
- When logged out or choosing to log out, a return to a lesson quiz remembers all work completed – meaning, a user may begin a lesson or lessons and return to them at later times or dates before fully completing and submitting, without fear of losing work.



Machines That Run All of the LMS














- Full **Windows®**  OS Machines: Laptops, Tablets, and Desktops
- Machines that have the **Windows®**  OS installed on them – commonly a **MacBook®**  with virtualization software like **Parallels**

Machines That Do Not Run All of the LMS

- **Chromebooks** , **Android**  OS tablets and phones, and **iOS**  tablets and phones, cannot run some/all interactive animations or any of the simulators.
- With any of the above, use of specific browsers will allow completion of **ALL** curriculum quiz items.
- Use of the **Puffin**  Browser with either **Android**  or **iOS**  machines allows use of **Flash®**  quiz elements.


Things You Need to Know





- Blended Learning is a training model.
- The LMS is a content management and delivery tool.
- At times, the system will inform you when you need to use another browser over another.
- Machines used to access the LMS should stay up to date with software including but not limited to **Windows®**  and **Flash®** .
- The Help Videos for question types are accessed from any of the advanced style of questions. Success on those question types without viewing is very low.
- Often, references to lessons point to help videos.
- LMS Support may be accessed by all users. There, they will find answers to FAQs, Hot Topics, and solutions for most if not all access concerns.
- LMS Support can be accessed on every page of the LMS.

- The first line of support is the instructor. Being aware of all of the help videos, what is available with support, and knowledge of all of the elements within the topics being taught from the LMS are minimum needs.
- **Flash®**  does not directly render on **Apple**  tablets or phones. Possible use of a downloadable browser like **Puffin**  is a remedy, but not an all-working choice – works for the homework, not all of the interactive activities.
- **Flash®**  does not directly render on **Samsung**  tablets or phones. Possible use of a downloadable browser like **Puffin**  is a remedy, but not an all-working choice – works for the homework, not all of the interactive activities.
- A **Windows®**  7 or higher OS using **IE** , **Edge** , or **Chrome**  are the only OS and browser combinations that will access the *Electrical Theory Simulator, Inside Transformer Simulator, Outside Transformer Simulator, and Motor Control Simulator.*
- Tablets may be used with all of the LMS, but for them to work for everything, they must be **Windows®**  based.
- **MacBook®**  machines may be used for accessing the LMS. However, in order to access **all** elements of the LMS, virtualization software must be installed and then the **Windows®**  7 or higher operating system.

Machine Recommendations if Purchasing

Windows® Computer (PC/Laptop):

- High-speed internet connection
 - Wireless networking recommended – click below for a guess at how much
 - <http://www.internetproviders.com/speed-tool/>
- Processor:
 - Dual-core processor (minimum)
 - Quad-Core processor or better (recommended)
- Operating System:
 - **Windows®**  10 with all current updates installed
 - updates available at <http://update.microsoft.com>
- Memory:
 - 2 GB RAM (minimum)
 - 4 GB+ RAM (recommended)

- Hard drive:
 - 120 GB (minimum)
 - 250 GB (recommended)
- Sound card and speakers
- Headset with microphone (optional)
- Camera (optional)
- DVD/CD Combo Drive (optional)
- Monitor
 - 13-inch screen (minimum)
 - 15-inch or greater screen (recommended)
 - 1024 x 728 pixel resolution (minimum)
 - 1920 x 1080 pixel resolution (recommended)
- Supported Browsers – *install latest versions unless otherwise specified:*
 - **Firefox**  32-bit (recommended)
 - requires “**FxClick Once Launcher**” add-on
 - <https://addons.mozilla.org/en-uS/firefox/addon/fxclickonce/>
 - requires the “**Unity Player**” plugin
 - <https://unity3d.com/webplayer/>
 - **Note: the 64-bit version of Firefox will work for everything with the exception of animations and simulators using the Unity Player. Therefore the 32-bit version is recommended.**
 - **Chrome** 
 - requires “**Meta 4 Click Once Launcher**” add-on
 - <https://chrome.google.com/webstore/detail/meta4-clickonce-launcher/jkncabbipkgbconhaajbapbhokpbgkdc>
 - **IE** 
 - Version 11 recommended
 - No additional add-ons are needed
 - **Edge** 
 - No additional add-ons are needed
- Other Software
 - Adobe Flash Player: <http://get.adobe.com/flashplayer/>
 - Adobe Reader: <http://get.adobe.com/reader>

Questions/Support:

If you have specific questions about particular devices, or are having issues with any items listed above, please look for your specific issue in the [Support Knowledge Base](#), or if you're unable to find a solution, [submit a support ticket](#).