VEST, Inc. offers a cloud-based software service for hydraulic schematic design in support of student teams participating in the NFPA Fluid Power Vehicle Challenge. Participating student organizations using VEST Products & Services are expected to request software service and assistance in a timely fashion to meet required program cadence and milestones.

1. **Hydraulic Schematic Design using NetSkeme® Hydraulic -** A cloud-based software service using DWG file format to ***create hydraulic schematics*** from within a web browser.\*
   1. Students may register for NetSkeme Hydraulic at any time to create their hydraulic schematic. Custom pneumatic symbols are available for download to add within your schematic (click [here](https://1drv.ms/u/s!AmQGlqTJ3CSThhD-rtk3ZJXogR_3?e=kS2aWo) to download).  Students can also create their own custom symbols if, for example, they wish to create electrical symbols. Electrical symbols not included. See details to register below.
   2. Interested student teams are welcome to register for a trial of NetSkeme at [www.netskeme.com](http://www.netskeme.com). Select “Free Trial” at the top of the webpage and register with a valid school e-mail address (e.g. “edu”); where “NFPA FPVC” and “Education” are entered in the ***Organization*** and ***Business Function*** fields to qualify for extended term of use.
   3. The free trial will be extended for any valid student request until June 30.
   4. Students must use a compatible browser and have internet access. NetSkeme is fully compatible on Google Chrome and Mozilla Firefox browsers.
   5. NetSkeme educational webinars are recommended for self-learning and are available on [NFPA Vehicle Challenge Website](https://nfpafoundation.org/fpc/vehicle-challenge/educational-webinars/): Hydraulic Circuit Design using NetSkeme Hydraulics and NetSkeme Tutorials
   6. Students will be encouraged to utilize the feedback request built into NetSkeme for questions regarding the software service (alternatively e-mail to [support@netskeme.com](mailto:support@netskeme.com)). VEST product support personnel will monitor and respond in a timely fashion. Note that questions pertaining to hydraulic design fundamentals should be addressed with industry mentors.

\* Registered students will be required to first accept the ***Terms of Service*** and ***Privacy Policy*** before using NetSkeme Hydraulic.