

# MarquipWardUnited

Corrugated & Sheeting Office  
1300 N. Airport Rd.  
Phillips, WI 54555-4527  
(715) 339-2191

Finishing Office  
10615 Beaverdam Rd.  
Hunt Valley, MD 21030-2204  
(410) 584-7700

visit our website: [www.marquipwardunited.com](http://www.marquipwardunited.com)

---

## VKU UPGRADE ELECTRICAL KNIFE SEMINAR AGENDA Contact: Mike Spanjer

- Day 1
- Welcome to MarquipWardUnited
  - General Overview of Direct Drive Cutoff Knife
  - Safety Considerations
  - Operator Controls
  - Front End Computer Operation
    - a. Order Entry, Manipulation, and Common Operator Errors
    - b. Configuration Screens
- Day 2
- Power and Drives
    - a. Power Distribution
    - b. Cylinder Drives
    - c. Pull/Exit Drive
    - d. Current Sense Card
  - Control Power Schematics
- Day 3
- Back End Computer
    - a. AB PLC
    - b. VME Rack
    - c. Input and Output Cards
    - d. Processor Cards
    - e. Interface Cards
  - Front End Computer
    - a. PC Computer
    - b. Input and Output Cards
    - c. Processor Cards
    - d. Interface Cards

Class runs from 8:30 a.m. until 5:00 p.m. with breaks and a 60 minute lunch.

*Please discuss this with the Education and Training Department after reviewing this agenda. This has been written for all possible machines; some equipment may not apply for a particular class and will not be covered. Specific order for class may vary upon equipment presented.*