

## Annual Program Review – Electrical Utilities & Substation Technology (2025–2026)

Form: Annual Program Review

Field	Value
Submitted by	Nicole Grosz (44504)
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Year	2025–2026
Program	Electrical Utilities & Substation Technology
Begin Date	Jan 7, 2026

### A. Program Learning Outcomes

Date of review: Jan 7, 2026

Fall Advisory Board reviewed Fundamentals of DC/AC syllabus; acceptable as-is.

Outcomes up-to-date in Coursedog and program webpage.

### B. Course Syllabi

All required syllabus components included; syllabi up-to-date in Coursedog.

Fall Advisory Board reviewed Fundamentals of DC/AC (Oct 29, 2025); spring syllabi updated for Attendance Policy.

### C. Program Competencies

Competencies reviewed Jan 7, 2026; Fundamentals of DC/AC competencies adequate.

Competencies up-to-date in Coursedog.

### D1. Course Assessments

Wide variety of assessments used.

Assessments used:

- Oral presentations
- Written reports
- Examinations
- Comprehensive final exams
- Class participation
- Portfolio projects
- Quizzes
- Lab demonstrations
- Simulations

### D2. Course Assessments – Continued

Assessments matched to program competencies.

No changes to assessments; new Megger TTR tester incorporated into skill evaluation.

Students practice and are tested on TTR operation after demonstration.

### **E. Certifications**

No certifications earned for 25-26 academic year.

### **F. Program Internships/Externships**

Internships not applicable for this program; no changes reported.

### **H–N. Program Metrics and Satisfaction**

Measure	Status
H. Enrollment	83.3% (met benchmark; cap 24, enrolled 20).
I. Retention	95% retention; one stepped out for 24-25.
J. Graduation	95%; one student stepped out.
K. In-field Job Placement	100%
L. Student Satisfaction	N/A
M. Alumni Satisfaction	N/A
N. Employer Satisfaction	N/A

### **O. Professional Development**

Instructor attended SDACTE conference, participated in in-service, and worked at Ft. Randall Hydro Dam.

Hydro Dam work directly aligns with substation activities (relays, breakers, transformers).

### **P. Professional Organizations**

Faculty belong to professional organizations; students are informed of groups in their field.

### **Q. Advisory Board Recommendations**

WAPA 'Switching Read and Review' and '10-key elements of switchman checking' added to Schematic Mapping class.

Implementation: Aug 18, 2025; Responsible: Instructor.

### **R. Program Improvement Plans**

New equipment acquired: Megger TTR tester, 15kV Insulation Tester, working on Relay/CT tester, Recloser tester, SEL protection relays.

Anticipated costs: \$100,000.

### **Contact**

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