Department of Electrical and Computer Engineering

Michigan Technological University
Registrar's Office

Certificate in Electric Power Engineering

CEPE

- Certificates are offered to post-degree students who have previously completed a Bachelor's degree.
- Students must earn a grade of C or better in each course used to meet certificate requirements.
- Students must complete at least nine credits of upper division course work (3000-level or above) and at least half of the total credits required must be taken at Michigan Tech.

Name: _____ ID Number: _____ Completion Term: _____

Minimum credits required: 13

Required Courses (7 credits)

____ EE4221 Power System Analysis I (3)

____ EE4222 Power System Analysis II (3)

____ EE4226 Power Engineering Lab (1)

Electives (select 6 credits minimum)

____ EE3010 Circuits and Instrumentation (3)

____ EE3120 Electric Energy Systems (3)

____ EE4219 Intro to Electric Machinery and Drives (3)

____ EE4220 Intro to Electric Machinery and Drives Lab (1)

____ EE4227 Power Electronics (3)

____ EE4228 Power Electronics Lab (1)

____ EE4295 Intro to Propulsion Systems for Hybrid Electric Vehicles (3)

____ EE5223 Power System Protection (3)

____ EE5224 Power System Protection Lab (1)

____ EE5230 Power Systems Operations (3)

____ EE5250 Distribution Engineering (3)

____ EE4800 Special Topics in Electrical Engineering (variable) approved: _____

(EE4800 must be power related and received specific approval from advisor)

____ EE5200 Advanced Methods in Power Systems (3)

____ EE5220 Transient Analysis Methods (3)

____ EE5240 Computer Modeling of Power Systems (3)

Return completed form to:
Degree Services
Registrar's Office

_____ _____

Student Date Department Advisor Date

Degree Services Use Only
Credits Course GPA Term Awarded Residency Upper Division Courses not double counted

Academic Year 2016-17