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Proposed changes to minor in Electrical Power Engineering Technology

Replace the course ELET 2303, Digital Systems, and laboratory with the course ELET 2301, Poly-phase Circuits and Systems. This course is now a required course for Electrical Power Engineering Technology majors, and without ELET 2301 a student that minors in the area would be at a distinct disadvantage.

APPROVED MAR 21 2007

Current Minor

Electrical Power Technology (17-18 HRS)

Prerequisites:  
MATH 1330, MATH 1431

Required Courses:  
\*ELET 2307 Electrical -Electronic Circuits  
ELET 2303/2103 Digital Systems/Lab  
ELET 3307/3107 Electrical Machines & Controls/Lab

Select two (2) of the following courses or sets of courses, one of which must come from "Group I" with approval of faculty advisor:

**GROUP I**

ELET 3312/3112 Prog Logic Control & Motor Control Sys/Lab  
ELET 4303 Comp-based Power Distribution & Transmission  
ELET 4319 Project management and Econ Considerations

**GROUP II**

ELET 3301 Linear Systems Analysis  
ELET 3403 Sensor Applications  
ELET 4310 Alternative Electrical Energy Sources  
ELET 4317 Computer-Based Electrical Systems Protection and Sec  
ELET 4326 Power Converter Circuits

\* ELET 1300 & ELET 1301 can be substituted for ELET 2307

Revised Minor effective September 2007

Electrical Power Technology (17-18 HRS)

Prerequisites:  
MATH 1330, MATH 1431

Required Courses:  
\*ELET 2307 Electrical -Electronic Circuits  
**ELET 2301/2101 Poly-phase Circuits and Transformers/Lab**  
ELET 3307/3107 Electrical Machines & Controls/Lab

Select two (2) of the following courses or sets of courses, one of which must come from Group I. Courses from group I or group II require approval of faculty advisor:

**GROUP I**

ELET 3312/3112 Prog Logic Control & Motor Control Sys/Lab  
ELET 4303 Comp-based Power Distribution & Transmission  
ELET 4319 Electrical Power Systems and Industry Practices

**GROUP II**

ELET 3301 Linear Systems Analysis  
ELET 3403 Sensor Applications  
ELET 4310 Alternative Electrical Energy Sources  
ELET 4317 Computer-Based Electrical Systems Protection and Sec  
ELET 4326 Power Converter Circuits

\* ELET 1300 & ELET 1301 can be substituted for ELET 2307

