



CURRICULAR STRUCTURE

FORM Nº 19 – **COURSE SYLLABUS/ACTIVITY**

CONTENT OF STUDIES

ELECTRIC ENERGY SYSTEMS

SUBJECT NAME/ACTIVITY
Polyphase Circuits Laboratory

CODE
TEE00117

CONCEPTION ()
ALTERATION: NAME () CL ()
TRANSLATION: (X)

DEPARTMENT/IMPLEMENTATION COORDINATION: ELECTRICAL ENGINEERING DEPARTMENT

COURSE LOAD: 30 HOURS

THEORETICAL: 0 HOURS

PRACTICAL: 30 HOURS

INTERNSHIP: 0 HOURS

PROGRAM CONTENT

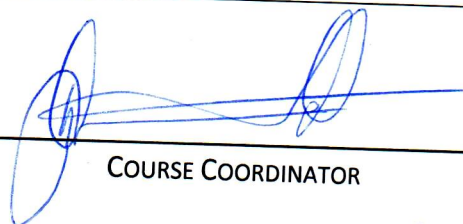
TWO AND 3-PHASE CIRCUITS LAB PRACTICES; MEASUREMENTS OF ACTIVE, REACTIVE AND APPARENT POWER;
POWER FACTOR COMPENSATION.

BASIC BIBLIOGRAPHY:

1. WILLIAM D. STEVENSON, "ELEMENTOS DE ANÁLISE DE SISTEMAS DE POTÊNCIA", EDITORA MCGRAW-HILL;
2. ERNESTO J. ROBBA, "INTRODUÇÃO A SISTEMAS ELÉTRICOS DE POTÊNCIA", EDGARD BLUCHER;
3. O'MALLEY HILL, "ANÁLISE DE CIRCUITOS", EDITORA MAKRON;
4. OLLE I. ELGERD, "INTRODUÇÃO À TEORIA DE SISTEMAS DE ENERGIA ELÉTRICA", EDITORA MCGRAW-HILL;
5. CHARLES K. ALEXANDER, MATTHEW O. SADIKU, "FUNDAMENTOS DE CIRCUITOS ELÉTRICOS", EDITORA BOOKMAN.

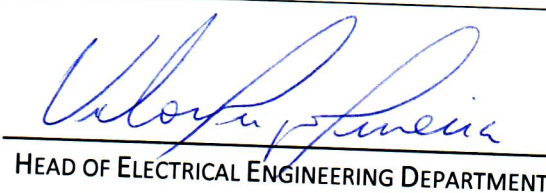
COMPLEMENTARY BIBLIOGRAPHY:

1. JAMES W. NILSSON, SUSAN A. RIEDEL, "CIRCUITOS ELÉTRICOS", EDITORA PEARSON;
2. RICHARD C. DORF, JAMES A. SYOBODA, "INTRODUÇÃO AOS CIRCUITOS ELÉTRICOS", EDITORA LTC;
3. DAVID E. JOHNSON, JOHN L. HILBURN, JOHNNY R. JOHNSON, "FUNDAMENTOS DE ANÁLISE DE CIRCUITOS ELÉTRICOS", EDITORA LTC.


COURSE COORDINATOR

DATE 05 / 03 / 2018

Daniel Henrique N. Dias
Coordenador do Curso de
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Matr. SIAPE 1847851


HEAD OF ELECTRICAL ENGINEERING DEPARTMENT

DATE 05 / 03 / 2018

Prof. Vitor Hugo Ferreira, D.Sc.
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