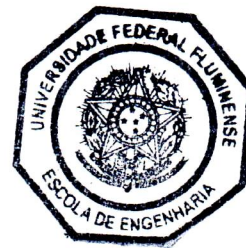




UNIVERSIDADE FEDERAL FLUMINENSE
PRÓ-REITORIA DE GRADUAÇÃO
COORDENADORIA DE APOIO AO ENSINO DE GRADUAÇÃO



CURRICULAR STRUCTURE

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

CONTENT OF STUDIES

ELECTRIC POWER TRANSMISSION

SUBJECT NAME/ACTIVITY
Electric Power Transmission I

CODE
TEE00149

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

DEPARTMENT/IMPLEMENTATION COORDINATION: ELECTRICAL ENGINEERING DEPARTMENT

COURSE LOAD: 60 HOURS

THEORETICAL: 60 HOURS

PRACTICAL: 0 HOURS

INTERNSHIP: 0 HOURS

PROGRAM CONTENT

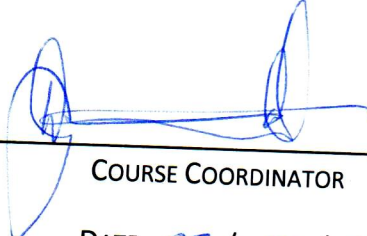
CALCULATION OF ELECTRICAL PARAMETERS OF AERIAL TRANSMISSION LINES; TRANSMISSION LINE MODELS;
ANALYSIS OF THE BEHAVIOR OF TRANSMISSION LINES IN STEADY-STATE OPERATION; INTRODUCTION TO
ELECTROMAGNETIC DISTURBANCES IN TRANSMISSION LINES.

BASIC BIBLIOGRAPHY:

1. J.J. GRAINGER, W.D. STEVENSON, POWER SYSTEMS ANALYSIS, MC GRAW-HILL, NEW YORK, USA, 1994;
2. A. MONTICELLI, A. GARCIA, INTRODUÇÃO A SISTEMAS DE ENERGIA ELÉTRICA, EDITORA UNICAMP, 1999;
3. P. ANDERSON, ANALYSIS OF FAULTED POWER SYSTEMS, WILEY, 1995;
4. J. DUNCAM GLOVER, M.S. SARMA, POWER SYSTEM ANALYSIS AND DESIGN, THIRD EDITION, BROOKS/COLE, USA, 2002;
5. L. C. ZANETTA JR., "TRANSITÓRIOS ELETROMAGNÉTICOS EM SISTEMAS DE POTÊNCIA", EDUSP, 2003.

COMPLEMENTARY BIBLIOGRAPHY:

1. R.D. FUCHS, TRANSMISSÃO DE ENERGIA ELÉTRICA, LINHAS AÉREAS, VOL 1 E 2, LTC EDITORA, 1977;
2. A. D'AJUZ, "TRANSITÓRIOS ELÉTRICOS E COORDENAÇÃO DE ISOLAMENTO", EDUFF, 1987.

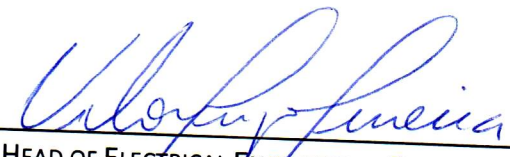


COURSE COORDINATOR

DATE 05 / 03 / 2018

November/2017

Daniel Henrique N. Dias
Coordenador do Curso de
Graduação em Eng^a Elétrica
Matr. SIAPE 1847851



HEAD OF ELECTRICAL ENGINEERING DEPARTMENT

DATE 05 / 03 / 2018

Prof. Vitor Hugo Ferreira, D.Sc.
Chefe do Depto. Eng. Elétrica UFF
Matr. SIAPE 1672218