

Instituto Tecnológico de Santo Domingo

Office of Registrar

ELECTRICAL ENGINEERING (ELE) VERSION 2016

Program Credits: 269

Subject	CR	Pre requirements	corequisites _	Req . credits
Quarter number : 1				
AHC101	4			0
AHO101	2			0
ASH1X4	2			
CBM101	5			0
CSS101	4			0
SHI103	0			0
	<u>17</u>			
Quarter number : 2				
AHC102	4	AHC101		0
AHQ101	4			0
CBA1X2	4			
CBM102	5	CBM101		0
SHI104	0	SHI103		0
	<u>17</u>			
Quarter number : 3				
CBM201	5	CBM102		0
CBQ207	4	CBM102	CBQ207L	0
CBQ207L	1	CBM102	CBQ207	0
CSH102	2			0
INE201	2			0
INS209	2			0
SHI105	0	SHI104		0
	<u>16</u>			
Quarter number : 4				
CBF210	4	CBM201	CBF210L	0
CBF210L	1	CBM201	CBF210	0
CBM202	5	CBM201		0
CBQ208	4	CBQ207 CBQ207L	CBQ208L	0
CBQ208L	1	CBQ207L CBQ207	CBQ208	0
CSH103	2			0
ING204	4			0
SHI106	0	SHI105		0
	<u>21</u>			
Quarter number : 5				
ASH1X3	4			
CBF211	4	CBF210 CBF210L	CBF211L	0
CBF211L	1	CBF210L CBF210	CBF211	0
CBM206	4	CBM201		0
CBM208	5	CBM202		0
INS208	4	CBM201	INS208L	0
INS208L	1	CBM201	INS208	0
SHI107	0	SHI106		0
	<u>23</u>			
Quarter number : 6				
CBF212	4	CBF211 CBF211L	CBF212L	0
CBF212L	1	CBF211L CBF211	CBF212	0

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CBM203	DIFFERENTIAL EQUATIONS	5	CBM208		0
ING205	STATIC	4	CBF211 CBF211L		0
ING210	RESEARCH IN ENGINEERING	3	AHQ101 CBM206		0
ING225	COMPUTER ASSISTED DRAWING	2	ING204		0
SHI108	ENGLISH 06 (ADVANCED II)	0	SHI107		0

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Quarter number : 7

CBF213	ELECTROMAGNETIC AND OPTIC PHYSICS	4	CBF212 CBF212L	CBF213L	0
CBF213L	ELECTROMAGNETIC AND OPTIC PHYSICS LABORATORY	1	CBF212 CBF212L	CBF213	0
CBM311	MATHEMATICAL METHODS FOR ENGINEERS	4	CBM203		0
INE202	COMPUTER TOOLS FOR ENGINEERING	4	INS208 INS208L		0
INE377	CIRCUITS I	4	CBF212 CBF212L	INE377L	0
INE377L	CIRCUITS LABORATORY I	1	CBF212 CBF212L	INE377	0
INI301	ECONOMIC ENGINEERING	4	CBM206		0

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Quarter number : 8

INE336	ELECTROMAGNETIC FIELDS	4	CBF213 CBF213L		0
INE361	EFFICIENCY AND ELECTRICAL AUDIT	4	INE377 INE377L		0
INE378	CIRCUITS II	4	INE377 INE377L	INE378L	0
INE378L	CIRCUITS LABORATORY II	1	INE377 INE377L	INE378	0
INE379	NUMERICAL CALCULATION THEORY	4	CBM203 INE202	INE379L	0
INE379L	NUMERICAL CALCULATION THEORY LABORATORY	1	CBM203 INE202	INE379	0
INM300	THERMODYNAMICS I	4	CBF211 CBF211L		0

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Quarter number : 9

CSH105	INTEGRATING PROJECT OF GENERAL STUDIES	2			42
INE380	ELECTRICAL MACHINES I	4	INE336 INE378 INE378L INE202	INE380L	0
INE380L	ELECTRICAL MACHINES LABORATORY I	1	INE336 INE378 INE378L INE202	INE380	0
INE381	ELECTRICAL INSTALLATIONS DESIGN I	4	INE378 INE378L ING225	INE381L	0
INE381L	ELECTRICAL INSTALLATIONS DESIGN LABORATORY I	1	INE378 INE378L ING225	INE381	0
INE382	ELECTRONICS THEORY	4	INE378 INE378L	INE382L	0
INE382L	ELECTRONICS THEORY LABORATORY	1	INE378 INE378L	INE382	0
INE383	LINES OF TRANSMISSION	4	INE336 INE378 INE378L	INE383L	0
INE383L	TRANSMISSION LINES LABORATORY	1	INE336 INE378 INE378L	INE383	0

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Quarter number : 10

ECO203	INTRODUCTION TO ECONOMICS	4			140
INE384	RENEWABLE ENERGY SYSTEMS I	4	INE380 INE380L	INE384L	0
INE384L	RENEWABLE ENERGY SYSTEMS I LABORATORY	1	INE380 INE380L	INE384	0
INE385	ELECTRICAL MACHINES II	4	INE380 INE380L	INE385L	0
INE385L	ELECTRICAL MACHINES LABORATORY II	1	INE380 INE380L	INE385	0
INE386	CONTROL SYSTEMS I	4	CBM311 INE382 INE382L	INE386L	0
INE386L	CONTROL SYSTEMS LABORATORY I	1	CBM311 INE382 INE382L	INE386	0

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Quarter number : 11

INE366	ELECTRICAL SUBSTATIONS	4	INE385 INE385L		0
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INE387	POWER SYSTEMS I	4	INE380 INE380L INE383 INE383L INE379	INE387L	0
INE387L	POWER SYSTEMS LABORATORY I	1	INE380 INE380L INE383 INE383L INE379	INE387	0
INE388	AUTOMATION, CONTROL AND INSTRUMENTATION	4	INE386 INE386L	INE388L	0
INE388L	AUTOMATION, CONTROL AND INSTRUMENTATION LABORATORY	1	INE386 INE386L	INE388	0
INE389	APPLIED POWER ELECTRONICS THEORY	4	INE382 INE382L INE386 INE386L	INE389L	0
INE389L	APPLIED POWER ELECTRONICS THEORY LABORATORY	1	INE382 INE382L INE386 INE386L	INE389	0
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		19			

Quarter number : 12

INE365	POWER PLANTS	4	INE385 INE385L INM300		0
INE390	ELECTRICAL MARKETS	4	ECO203 INE384		0
INE391	POWER SYSTEMS II	4	INE387 INE387L	INE391L	0
INE391L	POWER SYSTEMS LABORATORY II	1	INE387 INE387L	INE391	0
INEP03	ELECTIVE(S) PROFESSIONAL(S)	0			
ING211	PROJECT FORMULATION	4	INI301		0
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		17			

Quarter number : 13

ADM315	ADMINISTRATION AND BUSINESS MANAGEMENT	4			140
INE374	ELECTRICAL ENGINEERING PROJECTS I	4	ING211 ING210		200
INE392	COMMUNICATIONS	4	INE366 INE202	INE392L	0
INE392L	COMMUNICATIONS LABORATORY	1	INE366 INE202	INE392	0
INEP03	ELECTIVE(S) PROFESSIONAL(S)	0			
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		13			

Quarter number : 14

INE393	QUALITY ASSURANCE AND MANAGEMENT	2	CBM202		0
INE395	ELECTRICAL MATERIALS FOR ENGINEERING	4	CBQ208 CBQ208L		0
INE396	ELECTRICAL ENGINEERING PROJECTS II	4	INE374		0
INEP03	ELECTIVE(S) PROFESSIONAL(S)	0			
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		10			