



Escola Superior de Tecnologia e Gestão de Viseu
A melhor Escola para os melhores Alunos



Página Principal | Estudar | Oferta Formativa | Licenciaturas | **Engenharia Eletrotécnica**
Electrical Engineering

- Contabilidade
- Engenharia Civil
- Engenharia do Ambiente
- Engenharia Eletrotécnica
- Engenharia Informática
- Engenharia Mecânica
- Gestão Industrial
- Gestão de Empresas
- Gestão de Empresas (Pós-laboral)
- Marketing
- Tecnologias e Design de Multimédia
- Turismo
- Tecnologia e Design de Mobiliário

Code **9109**
 Department **Electrical Engineering Department**
 Degree **Licenciado (bachelor)**
 Registry **Initial registry: R/A-Ef 728/2011 from 18-03-2011
 Changes registry: R/A-Ef 728/2011/AL01 from 4-08-2021**
 Duration **3 year(s)**
 Regime **Daytime**
 National entrance exams **07 Physics and Chemistry and 16 Mathematics**
 Course director **Bruno Filipe Lopes Garcia Marques**
 Course Secretariat **João Ôlas +351 232480527
 Paulo Correia +351 232480529**



Politécnico de Viseu
Engenharia Eletrotécnica



Oferta Formativa

- Licenciaturas
- Mestrados
- CTeSP
- Pós-Graduações
- Erasmus Students
- Disciplinas Isoladas
- Outras Formações

Candidaturas

- Matriculas
- Concurso Nacional De Acesso

Inscrições Letivas

Departamentos/Área

Serviços Acadêmicos

Serviços Informática

Biblioteca

Redes Sociais Facebook e Google+

ESTGV no Facebook

ESTGV no

Curricular structure

1st Year - 1st Semester

Course unit	Contact hours				ECTS
	T	TP	PL	O	
Linear Algebra and Analytical Geometry	19,5	32,5	-	-	5
Mathematical Analysis I	19,5	39	-	-	5.5
Electrotechnical Drawing	-	26	52	-	7
General Physics	26	26	-	-	6.5
Computer Programming	13	13	26	-	6

T - Theoretical; TP - Theoretical and Practical; PL - Practical and laboratorial; O - Other types

1st Year - 2nd Semester

Course unit	Contact hours				ECTS
	T	TP	PL	O	
Mathematical Analysis II	19,5	39	-	-	5.5
Electrotechnics & Circuits	19,5	13	26	-	6.5
Electrical Installations I	19,5	19,5	-	-	3.5
Numerical Methods	13	13	26	-	5
Probability and Statistics	19,5	32,5	-	-	5
Advanced Programming	13	-	26	-	4.5

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2nd Year - 1st Semester

Course unit	Contact hours				ECTS
	T	TP	PL	O	
Electromagnetism	26	26	-	-	6
Electronics	26	19,5	19,5	-	6.5
Electrical Installations II	26	19,5	19,5	-	6
Digital Systems	26	19,5	19,5	-	6.5
Systems & Control	26	26	-	-	5

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2nd Year - 2nd Semester

Course unit	Contact hours				ECTS
	T	TP	PL	O	
Power Electronics	19,5	19,5	19,5	-	6
Electric Power Management and Quality	19,5	19,5	19,5	-	6
Industrial Instrumentation	26	-	32,5	-	6
Electrical Machines	19,5	19,5	19,5	-	6
Microsystems	19,5	19,5	19,5	-	6

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3rd Year - 1st Semester Contact hours

Course unit	T	TP	PL	O	ECTS
Industrial Automation	19,5	13	26	-	6
Industrial Management	26	39	-	-	4
Project on Building Electrical Installations and Telecommunications	13	13	39	13	8
Electromechanical Motion Systems	19,5	13	26	-	6
Electronic Systems	13	19,5	26	-	6

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3rd Year - 2nd Semester

Course unit	Contact hours				ECTS
	T	TP	PL	O	
Safety Management at Work	26	39	-	-	3,5
Signal Processing	19,5	13	26	-	5,5
Project Work	-	-	-	91	10
Industrial Networks	19,5	39	-	-	5
Industrial Robotics	13	19,5	26	-	6

T - Theoretical; TP - Theoretical and Practical; PL - Practical and laboratorial; O - Other types

► **Scientific areas**



