LIMBI STRAINE – ENGLEZA (facultativ)

Programul de studii	Imbunatatiri funciare si dezvoltare rurala / Licenta
Anul de studii	IV
Semestrul	I
Regimul disciplinei	DFA/DC
Numărul total de ore pe săptămână	Curs – 0 ore; Seminar – 4 ore
Numărul total de ore conform planului de învățământ	Curs – 0 ore; Seminar – 56 ore
Numărul de credite transferabile	2

OBIECTIVELE DISCIPLINEI

Dezvoltarea limbajului tehnic de specialitate, precum si insusirea unor notiuni detaliate privind gramatica si lexicul limbii engleze, avandu-se in vedere dezvoltarea aptitudinilor de comunicare orala si scrisa.

- Intelegerea diferentelor dintre engleza generala de comunicare si engleza tehnica; Insusirea si aplicarea regulilor utilizate in engleza tehnica;
- Asimilarea si utilizarea competenta a vocabularului de specialitate din domeniul stiintific;
- Familiarizarea cu terminologia tehnica referitoare la materiale de constructii, precum si la aparatura, echipamentele si instrumentele specifice activitatilor ingineresti;
- Insusirea si utilizarea unor tehnici de comunicare eficienta in domeniul ingineresc.

CONȚINUTUL DISCIPLINEI

CURS	Nr. ore
-	-
SEMINAR	**Nr. ore**
Capitolul I - Introduction to seminar materials and requirements	4
Capitolul II - Measurement (I): British and American measurement systems. European equivalents. Horizontal and vertical measurements. Linear dimensions. Level and plumb	4
Capitolul III - Measurement (I): Locating and setting out. Centerlines and offsets. Grids. Dimensions of circles. Key dimensions of circles. Pipe dimensions	4
Capitolul IV - Measurement (I): Dimensional accuracy. Precision and tolerance. Fit. Numbers and calculations. Decimals and fractions. Mathematical operations	4
Capitolul V - Measurement (I): Area, size and mass. Area. Weight, mass, volume and density. Measurable parameters. Supply, demand and capacity. Input, output and efficiency	4
Capitolul VI - Materials Technology (II): Material types. Metals and non-metals. Elements, compounds and mixtures. Composite materials. Steel. Carbon steels. Alloy steels. Corrosion	4
Capitolul VII - Materials Technology (II): Non-ferrous metals. Common non-ferrous engineering metals. Plating with non-ferrous metals. Polymers. Natural and synthetic polymers. Thermoplastics and thermosetting plastics	4
Capitolul VIII - Materials Technology (II): Minerals and ceramics. Mineral and ceramic engineering materials. Glass. Concrete. Concrete mix design. Reinforced concrete. Wood. Categories of wood. Solid structural timber. Engineered wood	4
Capitolul IX - Materials Technology (II): Material properties: Tensile strength and deformation. Elasticity and plasticity. Stages in elastic and plastic deformation. Hardness. Fatigue, fracture toughness and creep.	4

Capitolul X - Materials Technology (II): Basic thermal properties. Forming, working and heat-treating metal. Casting, sintering and extruding metal. Working metal. Heat-treating metal. Material formats. Raw materials for processing. Formats of processed materials	4
Capitolul XI - Individual project presentations: personal presentations of specialist translation (950-1000 words). Portfolio check	4
Capitolul XII - Individual project presentations: personal presentations of specialist translation (950-1000 words). Portfolio check	4
Capitolul XIII - Individual project presentations: personal presentations of specialist translation (950-1000 words). Portfolio check	4
Capitolul XIV - Individual project presentations: personal presentations of specialist translation (950-1000 words). Portfolio check	4

BIBLIOGRAFIE

1. Comfort, Jeremy, Steve Hick, Allan Savage. Basic Technical English. Oxford: Oxford University Press, 2002
2. Humphrey, Richard. English Idioms for University. Stuttgart, Düseldorf, Leipzig: Ernst Klett Verlag GmbH, 2000
3. Ibbotson, Mark. Professional English in Use. Engineering. Fifth Printing, Cambridge: Cambridge University Press, 2013
4. Raileanu, Brindusa. English-Romanian Dictionary of Technical and Mathematical Terms / Dictionar roman-englez de termeni tehnici si matematici. University of Bucharest: Contemporary Literature Press - Editura pentru Studiul Limbii Engleze prin Literatura, 2013
5. *** Oxford Dictionary of Science. Fifth Edition, Oxford: Oxford University Press, 2005, First published in 1984
6. *** DICTIONAR TEHNIC Roman-Englez, Bucuresti: Ed. Tehnica, 2004
7. *** DICTIONAR TEHNIC Englez-Roman, Bucuresti: Ed. Tehnica, 2004

EVALUARE

Tip de activitate	Criterii de evaluare	Metode de evaluare	Pondere din nota finală %
Curs	-	-	-
Seminar	Activitati aplicative – criterii de performanta: - nivel de intelegere (scris, oral) - acuratetea exprimarii - fluenta (+/- spontaneitate) - capacitate creativa - atentie - atitudine	- Referat/traducere de specialitate (indicata de conducatorul seminarului) - Colocviu (la sfarsitul sem.) - Portofoliu: copii Xerox ale textelor de seminar, notite/activitate aplicativa, teme de casa, materiale suplimentare	50% 40% 10%
Alte activități	-	-	-

Titularul activităților de Curs: -
Titularul activităților de Seminar: Conf.univ.dr. Elena NISTOR