

# CES8AI IT INTERNET LEVEL 2 ENGINEERING

<b>CES8AI</b> <b>IT and internet certificate - Level 2 - Application to engineering</b>		<b>ECTS Credits : 4</b> <b>Duration : 36 hours</b>	<b>Semester : S8</b>	
<b>Person in charge :</b> Dominique BENMOUFFEK, Associate professor, <a href="mailto:dominique.benmouffek@mines-nancy.univ-lorraine.fr">dominique.benmouffek@mines-nancy.univ-lorraine.fr</a>				
<b>Keywords :</b> group work, IT systems, IT legislation, documentation				
<b>Prerequisites :</b> None				
<b>Goal :</b> Prepare for the level 2 "Computer skills for engineers" C2i certificat - UL				
<b>Program and contents :</b> According to the ministry reference system, the program of the level 2 C2i covers the following 5 areas of expertise : D1: To know and abide by the rights and obligations regarding digital activities in a professional context D2: Master digital information research, exploitation and valuation techniques D3: Put into motion professional digital collaborations D4: Master Information Security of IT systems D5: Conduct IT Systems works from the client side  This course has the status of an elective course, open to all students from any department. It is made of 12 3-hours classes during the eighth semester. Over half of the classes are given by a speaker expert in one of the 5 areas of expertise.  Students must hand in at the end of the course a digital file consisting of the class work from each class (articles read, notes, case studies, ...) Those who would like to take the level 2 certificat will add to their digital file the subjects that their host company will have given them during their 2nd year internship. A jury will meet end of September to decide whether the student has earned the certificate or not.				
<b>Abilities :</b>				
<b>Levels</b>	<b>Description and operational vocabulary</b>			
<b>Know</b>	A significant amount of vocabulary from the IT world. Know how to use it when relevant.			
<b>Understand</b>	The point of this IT background and familiarisation with digital tools. The place of an engineer in a firm ruled by digital technologies.			
<b>Apply</b>	The rights and obligations that come with the use of IT systems.			
<b>Analyse</b>	The difference between the reality of companies and the models treated in class. The weight of IT systems within the company.			
<b>Summarise</b>	Summarise in a Digital Abilities File all the knowledge acquired in class. Be capable of inferring knew ones.			
<b>Assess</b>	The contribution of digital technologies in the relationships between human beings, the appearance of new, more collaborative work forms.			
<b>Evaluation :</b>				
<input type="checkbox"/> Written test	<input checked="" type="checkbox"/> Continuous assesment	<input checked="" type="checkbox"/> Oral presentation	<input type="checkbox"/> Project	<input checked="" type="checkbox"/> Report