

**ECOPLANET s.r.l.**Universidad
Politécnica
de Cartagena

Project: BLUE TEmPLATE

BLUE TECh PARtnership Education

Training Program

SOFT SKILLS

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Progetto BLUE TEmPLATE
BLUE TECh PARtnership Education

SOFT SKILLS MODULES

TECHNICAL ENGLISH MODULE		
Lesson contents	Systems and Automation	
Abilities	Specific skills of the discipline conveyed in English. Use technical-professional textual typologies according to the constants that characterize them, the media used and the contexts of use.	
Knowledge	Specific knowledge of the discipline and of the vehicular language. Techniques of understanding and production of technical-professional and popular texts.	
Skills	Mastering the English language for communication purposes also using the sectorial levels to interact in different fields and contexts.	
Lessons time	8 hours	
Training methods	<ul style="list-style-type: none"> + class lesson <input type="checkbox"/> debriefing <input type="checkbox"/> practice/ exercises + training dialogue <input type="checkbox"/> problem solving 	<ul style="list-style-type: none"> <input type="checkbox"/> laboratory <input type="checkbox"/> project work <input type="checkbox"/> simulation – virtual Lab + brain – storming <input type="checkbox"/> Others (<i>specify</i>).....
Means, tools and supporting material	<ul style="list-style-type: none"> <input type="checkbox"/> laboratory equipment <ul style="list-style-type: none"> o PC o + lessons notes <input type="checkbox"/> virtual - lab 	<ul style="list-style-type: none"> <input type="checkbox"/> books <input type="checkbox"/> multimedia <input type="checkbox"/> tools for electronic calculation <input type="checkbox"/> measuring tools <input type="checkbox"/> Others (<i>specify</i>).....
Tests	<ul style="list-style-type: none"> + structured test <input type="checkbox"/> semi-structured test <input type="checkbox"/> laboratory test <input type="checkbox"/> report 	<ul style="list-style-type: none"> <input type="checkbox"/> observation tabs <input type="checkbox"/> problem solving <input type="checkbox"/> graphic works <input type="checkbox"/> Others (<i>specify</i>).....

SAFETY MODULE	
Lessons contents	<p>Accident Risks:</p> <ul style="list-style-type: none"> • General mechanical risks. • General electrical risks. • Risks due to machines. • Equipment. • Falls from above. • Explosion risks. • Chemical Risks, Mists - Oils - Fumes - Vapors - Powders. • Labeling. • Carcinogenic risks. • Biological risks. • Physical risks, noise. • Physical risks, Vibration. • Physical risks, Radiation. • Physical risks, Microclimate and lighting.



	<ul style="list-style-type: none"> • Videoterminals. • DPI. • Work organization. • Workplaces. • Work-related stress. • Manual handling of loads. • Goods handling (lifting equipment, transport vehicles). • Signage. • Emergencies. • Safety procedures with reference to the specific risk profile. • Exodus and fire procedures. • Organizational procedures for first aid. • Missed accidents and injuries. • Other Risks. 	
Abilities	Analytical skills (risk identification), behavioral (risk perception).	
Knowledge	Fundamentals on safety and health in the workplace in compliance with current legislation. Legislative references: Coordinated Legislative Decree 81/2008 and 106/2009, art. 36 and 37- State Regions Agreement for the training of workers (Article 37) of 21/12/2011 - paragraph 4	
Skills	Development of skills for the safe execution of tasks in company and risks identification, reduction and management; in particular, it's a very important opportunity for acquiring awareness, aimed at understanding the importance of adopting correct work behaviors for his own and others' health and safety.	
Lessons Time	8 hours	
Training methods	<input checked="" type="checkbox"/> class lessons <input type="checkbox"/> debriefing <input type="checkbox"/> practice/exercises <input checked="" type="checkbox"/> training dialogue <input type="checkbox"/> problem solving	<input type="checkbox"/> laboratory <input type="checkbox"/> project work <input type="checkbox"/> simulation – virtual Lab <input type="checkbox"/> brain – storming <input type="checkbox"/> Others (<i>specify</i>).....
Means, tools and supporting material	<input checked="" type="checkbox"/> laboratory equipment <input checked="" type="checkbox"/> PC <input checked="" type="checkbox"/> lessons notes <input type="checkbox"/> virtual - lab	<input type="checkbox"/> books <input checked="" type="checkbox"/> multimedia <input type="checkbox"/> tools for electronic calculation <input type="checkbox"/> Others (<i>specify</i>).....
Tests	<input checked="" type="checkbox"/> structured test <input type="checkbox"/> semi-structured test <input type="checkbox"/> laboratory test <input type="checkbox"/> report	<input type="checkbox"/> observation tabs <input type="checkbox"/> problem solving <input type="checkbox"/> graphic works <input type="checkbox"/> Others (<i>specify</i>).....

DIGITAL SYSTEMS MODULE	
Lessons contents	Introduction to ICT systems: <ul style="list-style-type: none"> - the concept of Information and Communication Technologies (ICT), the relevant evolution and nature (1) - the meaning of Information and Communication Technology (ICT) in the Digital Age (1 h) - An overview of applications of ICT in general and educational context in specific (1 h) - Examples of Wordprocessor, Spreadsheet & Database (4 h) - Introduction to Cybersecurity: (1 h)
Abilities	conscious-technology of Internet service and on-line collaboration use of some common applications effectively



<p>Knowledge</p>	<p>Hardware/Software Systems Design fundamental approaches to understand relationships across technology, people, and society problems and vocabulary of ICT security</p>	
<p>Skills</p>	<p>Use simple applications in technical and scientific field Respect a primary set of techniques used to protect the integrity of networks, programs and data from attack, damage or unauthorized access.</p>	
<p>Lessons time</p>	<p>8 h</p>	
<p>Training methods</p>	<p><input checked="" type="checkbox"/> class lesson <input type="checkbox"/> debriefing <input checked="" type="checkbox"/> practice / exercises <input type="checkbox"/> training dialogue <input type="checkbox"/> problem solving</p>	<p><input checked="" type="checkbox"/> laboratory <input type="checkbox"/> project work <input type="checkbox"/> simulation – virtual Lab <input type="checkbox"/> brain – storming <input type="checkbox"/> Others (<i>specify</i>).....</p>
<p>Means, tools and supporting material</p>	<p><input checked="" type="checkbox"/> laboratory equipment o PC o <input type="checkbox"/> lessons notes <input type="checkbox"/> virtual - lab</p>	<p><input type="checkbox"/> books <input type="checkbox"/> multimedia <input type="checkbox"/> tools for electronic calculaton <input type="checkbox"/> measuring tools <input type="checkbox"/> Others (<i>specify</i>).....</p>
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