



Faculty of Engineering – Assiut University
Bachelor Degree
Course specification
Humanity and Cultural Course O411
Occupational safety

1. Course Aim

Main Aim

At the end of this course the students will be able to:

keep the working environment safe through application of safety roles.

Sub-Aims

- serve in extension services related to occupational safety and risk analysis.
- participate effectively in communities' activities related to the worker protection.
- implement information and communication technology in his future job.

2. Course Content

Industrial safety and the rules of professional safety – rules of safety from some industrial operations
- Pollution in the work places and personnel protection mate - Noise, vibration and industrial lighting
- Electrical accident - Climate, radiation in the work places - Fires and protection, evacuation plan

3. Course Topics

	Topic	week	Hrs
1 st topic	Industrial safety and the rules of professional safety	1-2	4
2 nd topic	Rules of safety from some industrial operations	3	2
3 rd topic	Pollution in the work places and personnel protection mates	4-5	4
4 th topic	Noise	6	2
5 th topic	Vibration	7	2
6 th topic	Industrial lighting	8	2
7 th topic	Electrical accident	9	2
8 th topic	Climate in the work places	10	2
9 th topic	Radiation	11	2
10 th topic	Fires fighting and protection,	12 -13	4
	Evacuation plan	14	2

4. Grades Distribution

Assesment Methods		Percentage		
Final Exam		80%		
Oral Final Exam				
Med term exam		10%		
Assessments	Written Exam	5	Week 10	10 %
	Report assessment	5	Week 3-12	
Total		50 درجة		

5. List of References

Course notes	السلامة المهنية – أ.د/ محمد أبو القاسم محمد –
Required books	<ol style="list-style-type: none"> 1. Poltev M.K “ Occupational Health and Safety in Manufacturing Industries”, Mir Publishers, Moscow, 1985. 2- أحمد زكى حلمى و عبد المنعم محمد العفشوك " السلامة والصحة المهنية"، دارالكتب العلمية للنشر و التوزيع ، ٢٠٠٠. 3- قانون وزارة القوى العاملة و الهجرة رقم ١٢ لسنة ٢٠٠٣ و القرار رقم ٢١١ - لسنة ٢٠٠٣.