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	Training Occupational Health and Scientific Research Group A Scientific research Major Assignment (Group work)	
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Learning objectives:

- To be able to design a study protocol for a successful applied research OSH project

Instructional Method: Working in groups (6 different groups of 3 persons)

Suggested time : the protocol will be developed in different steps through the whole week
Each day there is a time slot in the schedule for this group work (see training program).

Description of the assignment :

Choose an occupational disease or a work-related disease related to an occupation or economical sector. Another option is to focus on a wide variety of occupational or work-related health problems. Design a study for this occupational health problem. Develop a protocol in which all aspects of the study are dealt with.

The study protocol should be adapted to the real life situation in Turkey. It is not the goal of the training to bring it in practice later on. It is a theoretical exercise in which it is necessary to dream from time to time. But in the end feet should be on the ground. It should be feasible.

There are 2 deliverables of this group work which should be finished on Friday morning 9:00:

1. *A written protocol (maximum 10 pages), in English or Turkish, following the rules below.*
2. *A presentation on Friday morning. Each group will present its study protocol to the other groups. For each protocol there are 20 minutes available: 7 minutes presentation (maximum 10 slides) and 13 minutes discussion.*

The presentation will be scored by the trainers on the criteria:

- *The content: methodology, quality, completeness, sense for the essential, relevance, critical appraisal.*
- *The form: structure, clearness, timing, speaking style and audiovisual material.*

Rules for the final protocol.

1. *Title of the study*
2. *Summary*
3. *Background of the problem. Theoretical foundation. Actual relevant knowledge*
4. *Objectives (general and specific)*
5. *Methodology*

- 5.1. *General design of the study*
- 5.2. *Target and study population*
- 5.3. *Instruments for data collection*
- 5.5. *Methods for controlling data quality and data management*
- 5.6. *Data analysis plan and use of results*
6. *Possible issues. Ethical aspects. Strong and weak points*
7. *Contribution and resources (persons, time, materials, services, and finances)*
8. *References*
9. *Timetable*

The first part of the assignment (Monday 15:30 – 17:00 – Group work I)

Conceptualize the problem of your study project:

- *Present the objective of the project to the others*
- *The others of the group give feedback*
- *Refine the general objective of the project*
- *Define the specific objectives of the project*

Describe the background of the problem

Make a title

Check the literature to be sure that

- *The topic is relevant and sufficiently new*
- *To get extra ideas about the specific objectives of your study*

Refine your study question(s) (and title) according to the literature.

Present the conclusions the next morning 9:00 to the other groups in 4 slides:

1. *Title + name (of the group members)*
2. *Background of the problem*
3. *Actual relevant knowledge*
4. *General and specific objectives*