210: Understand how to communicate with others within building services engineering  
**Worksheet 1: Site management team**

**Answer guide**

Work in pairs to complete this task. Use your course notes and textbook if required and then discuss the answers in class.

1. **Describe the main role of the architect.**

**S/he is the designer of the project and considered the leader of the management team.**

**They convert the clients’ ideas and requirements into a building design and working drawings.**

1. **A variation order can be signed by which one of the following?**
   1. **Clerk of works**
2. **Who out of the construction team will visit site on occasions and on behalf of the local authority in order to confirm that the Building Regulations are being observed?**

**Building control officer (BCO)**

1. **If a sub-contractor has an installation problem that needs resolving, who would he ask for advice?**

**The main contractor**

1. **What does the building services engineer do?**

**They design the internal services within the building, which will be cost effective, environmentally sensitive and with good maintenance access.** **They will be responsible for: heating and ventilation, plumbing, electrical distribution, fire protection, lifts, escalators, acoustics.**

1. **Describe the difference between the role of the buyer and the estimator.**

**The buyer will source all the materials needed to complete a project, by obtaining quotations from suppliers for materials, with delivery times and quality assurance.**

**The estimator will break down the Bill of Quantities into unit parts which represent the amount it will cost a contractor to complete each stage.**