

Appendix 5

Intended learning outcomes of the course

By the end of the course, the student must be able to:

- Design in a team, an object that supports learning in a specified domain
- Search for relevant literature
- Interpret literature and data from empathy studies to decide on their design specifications
- Conduct a prototyping process by producing and learning from multiple prototypes
- Assess / Evaluate the effectiveness of their own design

Transversal skills

- Plan and carry out activities in a way which makes optimal use of available time and other resources.
- Set objectives and design an action plan to reach those objectives.
- Evaluate one's own performance in the team, receive and respond appropriately to feedback.
- Identify the different roles that are involved in well-functioning teams and assume different roles, including leadership roles.
- Keep appropriate documentation for group meetings.
- Resolve conflicts in ways that are productive for the task and the people concerned.
- Take account of the social and human dimensions of the engineering profession.
- Respect relevant legal guidelines and ethical codes for the profession.