INTRODUCTION TO S4 & S5 ICT

The Information and Communication Technologies (ICT) classes in S4 and S5, propose a variety of learning activities intended to develop advanced computer skills over the two-year course.

The learning areas targeted, as specified in the European Schooling syllabus 2014-01-D-49-en-5.pdf, include Word Processing, Spreadsheets, Computer Graphics, Databases, Web Design, and Programming, as well as Projects, and an understanding of "ICT & Society".

Student learning is based primarily on progressive, practical exercises and individual exploration. Assigned work is completed both during class (1,5 hours/week) and at home (1 hour/week).

Tools for learning include software programs, teacher demonstrations, sequential instruction files, a textbook, and various websites.

An individual USB key is required, as is a personal email account. Access at home, to a Windows-based computer with the Microsoft Office Suite installed, is strongly recommended.

Students evaluate their work, their progress & their needs, by comparison with correction files and by teacher feedback. Feedback is communicated directly during class and/or written on MySchool along with the mark awarded. "V2" assignment corrections are encouraged.

Students will make presentations, participate in discussions, complete online quizzes and do groupwork. Student interaide is the expected norm.

The teacher's methods of evaluation include observation & feedback, Q&A's, and controlled, in-class, individual "B-Test" evaluations.

The following Windows PC-based software (SW) programs are used during the S4-S5 cycle:

- MS Office Suite: Word, Excel, Access, PowerPoint, Publisher
- Multimedia SW: PhotoFilter, GIMP, SketchUp, Audacity, MovieMaker
- Web Design SW & languages: Notebook++, HTML, CSS, JavaScript
- Programming SW & languages: Logo, Scratch, Python

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- Websites, some requiring online registration, ie: "Chamilo" online file storage