
Information and Communication Technology in the Senior School

WHAT IS INFORMATION AND COMMUNICATION TECHNOLOGY (ICT)?

ICT encompasses all the technologies that facilitate the processing and transfer of information and communication services. In principle, ICT has always been available. The only difference is that in the “Knowledge Era”, rapid advances in technology have changed the traditional ways in which information is processed, communications conducted, and services that are available. (Dr. Benjamin Adu, (P.Eng), CEO ESS Limited)

Overnewton College is a learning community that endeavours to prepare students for their role in the Knowledge Society of the 21st Century. An integrated approach to Information and Communication Technologies across the College incorporating personal computing devices, ensures students have access to the necessary technologies to undertake learning anywhere and at anytime. Through collaborative, team based projects of increasing complexity suitable for a P-12 College, students are encouraged to develop the skills required to select and use the most appropriate technology to complete any task. This will enhance teaching and learning as well as facilitating communication, internal and external to the College in an online community. The ICT classroom is a flexible, interactive, student-centred learning environment. The ability to question, research and evaluate will create a population of information literate students. The development of skills that empower students and teachers to be creative and innovative thinkers, effective life long learners and global citizens is encouraged through access to the worldwide community.

In the Senior School, students will be equipped with a notebook computer. All classrooms have wireless network access and access to power. Students can safely store notebooks in their lockers, all of which are located in internal spaces. A technician is available in the Senior School to deal with any notebook related problems. A daily collection service and a 24-hour turnaround is provided for any notebook purchased under the College Program if the problem is beyond the expertise of the College resources. Students’ computers are configured to run on the College Network at the beginning of Year 10 and should continue to work effectively if students do not alter settings when using their notebooks at home.

ICT EXPECTATIONS

All students are expected to read, sign and abide by the conditions outlined in the College’s Responsible Use Policy.

The curriculum in all subjects in Senior School has been developed with the use of technology incorporated into the presentation and assessment of student learning outcomes. Therefore, students are expected to have their notebooks in class whenever required and teachers will always give adequate notice. The use of notebook computers will vary between subjects and is one of the many teaching tools that will be employed to achieve outcomes and to encourage students to become “Lifelong Engaged Learners”.

Engaged learners are responsible for their own learning, energised by learning, strategic and collaborative. All of this is consistent with the philosophy of Senior School and the learning environment we have created.