**English for Computer Science**

Teaching English for specific purposes (ESP) is about defining certain goals and particular objectives to meet the specific needs of the learners. Within the same line of thought, the present study tends to explore Master 1 students’needs at Tlemcen University, Algeria for the sake of improving their computing English to write technically in the discipline. For this objective, the researcher conducted a needs analysis process made up of a questionnaire addressed to 40 computer science Master 1 students, alongside two interviews directed to 10 subject specialists, and 3 language teachers. Qualitative and quantitative analyses of data uncovered the urgent need to ameliorate the computer science terminology at various linguistic levels plus developing reading skills through a careful selection of texts according to the students’ interest.

Many students enter the field of computer science with misconceptions about the importance of communication skills. They often choose this field, thinking they will end up with jobs working alone or with other "techies" developing computer games, and not having to deal with people. These students often do not realize the significance of reading, writing, and speaking skills in computer science. This paper discusses several relevant areas of computer science, and explains why computer science students need skills covered in English, speech, technical writing, and even foreign language courses in order to achieve success as a computing professional.

Learning English has many great benefits, since being a student has the advantage that is not limited to certain learning resources, students are also free to determine their learning sources and update the latest information about technology which become must for engineering students. Therefore, if the students have the ability to speak English, it will certainly make it easier to get data sources and many other materials on the Internet that mostly use English. when learning English, students can take advantage of these material sources, besides that learning English will make it easier to get scholarships abroad.(Setyowati, 2019) In addition, if students take part in competitions at the international level, it will be an added value and strong support to present their work in a competition they participated in, as well as engineering students who want to take part in student exchanges, it becomes an obligation to be able to speak English well, as the way to communicate with other foreign students.

Students who take courses in programming, such as students of informatics engineering or computer engineering, have the obligation to learn English. This is because most of basic programming courses for advanced programming are in English. Moreover, Programming languages are also written in English. Such as react, go, and python, as well as programming documentation.(Puspitasari, 2013) It is also the same case with engineering students who choose a major in the field of construction, company services, product design and building. of course, these engineering students will directly interact with clients both domestic and abroad, therefore the communication in English is something that cannot be avoided. Thus facilitate the job, mastering English since being a student is very necessary. To make the work become easier.