



## PROBLEMS AND RECOMMENDATIONS ON USING A RESTRICTED COMPUTER ENVIRONMENT FOR EXAMS ON MOODLE

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### Abstract

A face-to-face learning can be used with the electronic assignments and exam on restricted computer lab environment can be stated as a good example of blended course. A variety of commercial software can be used to survey and restrict the computers on the labs. Despite this restriction technically it is not easy to prevent cheating during the exams. Learning Management System (LMS) software must also present some technical specifications to prevent the cheating. In this study we present the technical features of the software used in the computers of Faculty of Technical Education at Kocaeli University since 2004. The precautions taken on the computers and the problems encountered while the exams are described. Also the problems related to the Moodle LMS software are discussed. Requirements can be stated as follows: sharing the computer screen, restrict access to external disks, allows only access to the web page that Moodle installed, allows only selected applications to be run on computers and students can login only a computer at the same time.

**Key Words:** E-learning exams, LMS software requirements, face-to-face , learning aided by moodle.