

## ABSTRACT

In the latest development of technology, independent learning is very possible things to do, which is by using the computer. One method that can be used to help the independent learning process, especially for Optical Access Network (OAN) planning is by producing Computer Based Training (CBT) for OAN planning.

This CBT includes the basic knowledge of OAN, counting tool, and evaluation to the theory that has been learned. The OAN CBT can be made using by multimedia software such as Macromedia Flash MX and packed in one of audio visual display that make the user possible to learn OAN theory interactively and independently .

User can run the CBT on the computer with 800 MHz Pentium *Processor* specification or equal to, 64 MB of memory, 32 MB graphic card memory, 180 MB harddisk space. Based on survey results show that the average CSI concern to aspect of display and CBT content successively equal to 71,00 % and 74, 56 %. It means that most of user feel satisfied with both the display and the content of CBT.

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