

PENINGKATAN PRESTASI MATA KULIAH KOMPUTER DASAR
MAHASISWA D3 TEKNIK ELEKTRO FT UNY MENGGUNAKAN
METODE BELAJAR BERBASIS MASALAH

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Abstract: This research is purposed to improve the understanding of student of the D3 Electrical Engineering Study Program in Basic Computer subject matter closed by problem-based learning. The specific purpose of this research are to learn more about the ideal method of problem-based learning and to know how far this method can improve the student's achievement of student of D3 EESP for Computer Basic subject matter. This Computer Basic subject matter has purpose to make a good basic skills programmer logics and concept of basic programmer languages. This research is a classroom action research which conducted in Electrical Engineering Study Programs D3 FT UNY. This Research contain four cycles, where the basic of problem-based learning to be implemented in first cycle. Given action will be observed and evaluated as basic consideration of action to be chosen in the next cycle. In every cycle, lecturer tries to make problem-based learning situation so the students could solve the problem in course process. The result of this research indicate that students attention for problem-based learning method only happened in the beginning cycle. Students assuming that the problem-based learning method is a new experience for them. For the next cycle which used the same method students do not asume the method is a interesting matter, but unconsciously the students understanding of the subject matter increase.

Key words : action research, problem-based learning

Kurikulum 2002 program studi D3 Teknik Elektro mewajibkan mahasiswa semester satu mengambil mata kuliah Komputer Dasar. Sebagai mata kuliah wajib, kedudukan mata kuliah Komputer Dasar sangat menentukan guna menunjang mata kuliah-mata kuliah yang ada di semester berikutnya. Mata kuliah ini merupakan mata kuliah prasyarat bagi pengambilan mata kuliah Pemrograman Komputer dengan nilai minimal C yang dilaksanakan pada semester berikutnya.

Materi kuliah Komputer Dasar ini bertujuan untuk meletakkan dasar pemikiran logika pemrograman serta konsep-konsep dasar bahasa pemrograman.