

PELATIHAN BUILDING INFORMATION AND MODELLING TINGKAT LANJUT BAGI GURU-GURU SMK JURUSAN TEKNIK GAMBAR BANGUNAN DI DIY

by Pramudiyanto , Endaryanta , Indah Wahyuni

ABSTRACT

Drawings are an integral part of architectural activities. Drawings are important media which is used to design problem solving and coordination and communication with clients and contractor. Images also have other important uses relating to buildings, including at in it financial experts, building standards supervisors and providers of construction materials. Images used in carrying out operational facilities, in planning maintenance, renovation and use of room functions. As the target audience, vocational teachers teach the eyes building drawing lessons. Determination of the selection of targets is an attempt to follow upgrading there is a full sense of responsibility to be able to absorb knowledge and skills trained. Furthermore, the results of the PPM training will see results after the participants master technology that is trained, can be applied to the students at school. To break the problems faced in this PPM program are selected as the following solutions : (1) Lecture, (2) Demonstrations, (3) Supervision, and (4) Independent Training. Some things that can be concluded from this service activity include: (1) With the new spectrum of competencies in the Vocational School, then giving the latest / latest materials will provide useful refresher for teachers pengampunya. (2) BIM is a new concept which is then adopted as one the spectrum of competencies in the Vocational School, thus providing material about BIM will open insight for teaching teachers. (3) Providing BIM training for teachers will provide benefits to front to teach BIM to vocational students in accordance with the new spectrum of competencies. (4) Providing BIM training for 5 days gave significant results in improving competence teaching teachers of building drawing engineering subjects in the Special Province of Yogyakarta. (5) Although initially the majority of trainees had never used BIM in teaching drawing techniques in the classroom, but the interest of the participants to be able to improve quality and quality learning in the classroom became motivated by this training.

Kata Kunci: *Building drawings, BIM, Vocational Teacher*