

ABSTRAK

Catharina Aprilia Widyastuti, 2009. “Perbandingan Proses Belajar Mengajar Matematika kelas XII IPA dan kelas XII IPS di SMU Dominikus Wonosari”.

Penelitian ini merupakan penelitian kualitatif deskriptif yang bertujuan untuk mengungkapkan proses belajar mengajar di kelas XII IPA dan di kelas XII IPS. Subjek penelitian adalah siswa kelas XII IPA, siswa kelas XII IPS, serta seorang guru yang mengajar di kelas XII IPA sekaligus mengajar di kelas XII IPS. Pengumpulan data dilakukan dengan teknik pengamatan langsung ketika proses pembelajaran berlangsung dan teknik pengamatan tak langsung melalui perekaman video yang dilakukan oleh peneliti dan seorang operator. Data dianalisis dengan langkah-langkah yaitu: (i) transkripsi, (ii) penentuan topik-topik data, (iii) penentuan kategori-kategori data, (iv) penarikan kesimpulan.

Hasil penelitian berupa deskripsi mengenai proses belajar mengajar yang berlangsung di kelas XII IPA dan di kelas XII IPS, persamaan proses belajar mengajar di kelas XII IPA dan kelas XII IPS, serta perbedaan proses belajar mengajar di kelas XII IPA dan kelas XII IPS. Proses belajar mengajar yang dilaporkan meliputi aspek-aspek : (i) materi, (ii) aktivitas siswa, (iii) aktivitas guru, (iv) metode mengajar yang digunakan guru. Proses belajar mengajar di kelas XII IPA terdiri dari 7 kali pertemuan, sedangkan proses belajar mengajar di kelas XII IPS terdiri dari 9 kali pertemuan. Persamaan proses belajar mengajar di kelas XII IPA dan di kelas XII IPS yaitu (i) membahas materi : turunan pertama, integral tak tentu, integral tertentu, integral substitusi, dan menentukan luas daerah dengan menggunakan integral, (ii) aktivitas siswa selama mengikuti pelajaran yang cenderung mengikuti pola pembelajaran yang dibentuk guru, (iii) aktivitas guru yang cenderung dominan selama proses belajar berlangsung, (iv) metode mengajar yang digunakan guru yaitu metode tanya jawab, metode ceramah, dan metode melatih. Perbedaan proses belajar mengajar di kedua kelas yaitu (i) urutan penyampaian dan substansi pada tiap-tiap materi, (ii) siswa kelas XII IPA cenderung lebih aktif dan rajin dalam mengikuti pelajaran, (iii) guru di kelas XII IPA lebih sabar dalam mengajar, (iv) komposisi dari penggunaan metode mengajar yang disesuaikan dengan kondisi siswa.

Kata kunci: proses belajar mengajar, kelas IPA, kelas XII IPS, SMA, Integral, materi pelajaran, aktivitas siswa, aktivitas guru, metode mengajar

ABSTRACT

Catharina Aprilia Widyastuti, 2009. “Comparison of a Mathematics Teaching and Learning Process between class XII Science and class XII Social Programs of SMU Dominikus Wonosari”.

The observation is a descriptive qualitative to describe teaching and learning process in class XII science and class social programs. The subject of this observation are the student's of class XII science and social programs, and a teacher who teaches in those classes. The collecting data is done by using direct observation technique when the teaching and learning process is going on and by using indirect observation through video record done by observer and an operator. The data is analyzed in many steps. They are : (i) transcript, (ii) topics, (iii) category, and (iv) conclusion.

The results of the observation are description, similarities and differences of teaching and learning process in class XII science and class XII social programs. The teaching and learning process reported include the aspects of : (i) material, (ii) student's activities, (iii) teacher's activities, (iv) the method used to teach. The teaching and learning process in class XII science program consists of 7 meetings, while the teaching and learning process in class XII social program consists of 9 meetings. The similarities of teaching and learning process in class XII science and class XII social programs are : (i) discussing material : differential, indefinite integrate, definite integrate, substituted integrate, and find the area by using integrate, (ii) the student's activities during the lesson who are inclined to follow the teaching pattern designed by the teacher, (iii) the teacher's activities are inclined to dominate during the teaching and learning process is going on, (iv) the method used by the teacher are : ask answer method, give a lecture method, practice method. The differences of teaching and learning process in the two classes are : (i) The sequence of presentation and the substantiation of each material, (ii) the student's of class XII science program are more active and more diligent to join the lessons, (iii) the teacher of class XII science program is more patient in teaching (iv) the composition of the usage of teaching method is suited with the student's condition.

Key words : the teaching and learning process, class science program, class social program, Senior High School, Integrate, material, student's activities, teacher's activities, the method used to teach.