ECTS CATALOG

Known parameters:
1. Considering that the student's full-time duty is to be a student, the EU tried to calculate the hourly equivalent of 1 ECTS by arguing that a student should work 40 hours if he/she is considered a full-time employee.
2. Let's calculate by thinking that a student at our university will work 45 hours a week to be successful in his/her courses.
3. He/she should have a total of 30 ECTS credits in a semester. (There may be differences)
4. A semester is 17 weeks at our university (14 weeks of classes + 3 weeks of exams)
5. The total (average) time a student spends in a course to obtain the educational outcomes of a course. This includes all the student's activities and responsibilities (taking classes, exams, exam preparation, midterm exams, homework, studying, etc.)
Accordingly:
(45 hours) x (17 weeks) = 765 hours (the time the student must spend studying in a semester)
1-ECTS = (765 hours/30 ECTS) = 30 hours
1-ECTS = 30 hours
The student allocates this time to classes, homework, labs, exams, projects and self-study. The teacher of each course lists the requirements of his/her course and determines the ECTS credits accordingly.

For example: A pooled course of 3 credits; 12 homework assignments are given; There is one midterm exam and one final exam (Saturday+Sunday)
and the student's individual study time is determined as 36.
ECTS for the course:
(14-week course) x (3 hours) = 42 hours/time spent by the student on the course
(12 homework assignments) x (3 hours) = 36 hours/time spent by the student on homework
(1 midterm and 1 final exam) = 9 hours/time spent on exams
36 hours of individual study at home, in the library, etc.
Total = 123 hours
1-ECTS = 30 hours
ECTS credits for this course are as follows:
(123 hours / 30 ECTS) = 4.01 => It can be calculated as 4 ECTS.