Use Case Tutorial 2

**This is based on the earlier University case study.**

**The original class diagram may need to be amended.**

**Some of the detail contained here will not be used directly on the DIAGRAM but will be used as part of a use case SPECIFICATION.**

The lecturer(s) on a module will enter marks obtained by students on the system. The system will calculate the final mark for the module (for simplicity, we are ignoring how this calculation is carried out).

Administrators enrol students on their course, their course level that year and the modules they are studying that current academic year. As stated in the earlier case study:

*Many courses have both core and optional modules. A core module must be studied by students at that level on that course. Optional modules are, as the name suggests, optional. Students must choose x number of modules from a list of y optional modules.*

The system should automatically enrol a student onto their core modules and then allow the administrator to add the optional modules that the student has chosen based on the list of modules which has been compiled earlier by the course leader for that student.

As stated in the earlier case study:

*Unfortunately, some students may have failed some modules from the previous level and have to resit these modules. These students are often allowed to study a mixed ‘diet’ of modules. They have to study the modules they need to resit at one level, but are allowed to take some modules from the next level ‘up’ in order to take the requisite number of credits needed to be classed as a ‘full time’ student. These students are known as ‘mixed level’ students.*

As core modules are added automatically, administrators will need to delete the modules that student has already passed and then add the ‘extra’ modules the student will be studying that academic year.

If a student wishes to transfer courses he/she must have a course transfer form signed by the course leader. For simplicity, we will assume that students will NOT be ‘mixed level’ students. If a student transfers from one course to another, a record must be kept of this transfer. Administrators deal with these transfers on receipt of a signed transfer form.

Sometimes students do not like the optional module they have chosen. Again, the student is allowed to transfer between optional modules within the first two weeks of the academic year. Administrators deal with these module transfers on receipt of a signed transfer form from the course leader.