Rules of the Game

Introduction to Probability, Statistics and Data Handling module amounts to 56 contact hours divided (basically) into:

28 – lecture hours;
22 – problem solving (**PS**) classes;
6 – computer exercises (**CE** – using Excel for solving statistical problems)

Accordingly with the University Study Regulations
https://international.agh.edu.pl/#pg=1232i&str=307
presence of students **is compulsory** in the case of the PS and CE classes. This means simply that:

1) any absence at PS/EC should be carefully justified;
2) the teacher **must** formulate extra conditions demanding some extra work the student must accomplish in order to make up for her/his absence(s)

As in our case we will be working in a flexible manner, interchanging courses (lectures) and problem solving classes the **rule #1 is:**

Students willing to receive a positive grade must be present at least (!) at 50% of all meetings (28 hours – hopefully)

Computer Exercises (CE) – there will be **THREE** meetings (at the end of the semester).
Student present actively at all meetings receives the grade **4 (good)** without any extra work (project); present at 2 meetings – **3.5 (better than satisfactory);** present at one meeting –**3** (**satisfactory**). These grades may be easily improved be executing a simple project (ask teacher). Student absent at all three meetings **must** execute at least one simple project.

Problem Solving Classes (PS) – there will be (hopefully) 11 meetings but two of them will be used for writing two tests (1st – around 15th April; 2nd – around 5th June 2016).
The assessment grade of **PS** is basically a straight mean of the grades of the two tests; the resulting grade may be improved (by up to 1 point) in case of the students participating **actively in the classes.**

EXAM (E)
is a collection of few (!) simple (!!) and basic (!!!) questions. The examples of such questions (topics) are listed here.

Final Grade (FG)
Once the grades (CE grade, PS grade and E grade) are calculated the final grade is calculated as a weighted mean:

$$FG = 0.15*CE + 0.60*PS + 0.25*E$$

To be positive it must be higher than 2.67.

In case of a negative result (or absence at) of any of two PS tests you will have an extra possibility to repeat such a test; the same in the case of a failure at the exam. Here the number of make-up exams is even greater – two.

Suggested References:

1. Walter A. Rosenkrantz ,,Introduction to Probability and Statistics for Scientists and Engineers", McGraw-Hill Inc., 1997 (available in the UST AGH Main Library)
2. http://www.statsref.com/ A free web-based statistics resource Created and managed by Dr Michael J de Smith, University College London
3. http://www.bmj.com/about-bmj/resources-readers/publications/statistics-square-one (a very readable page essentially dedicated to medical uses of statistics)