**2nd Year Students of Applied Mathematics and Informatics**

**(Semester 4, February-May, 2022)**

* Individual home reading (reading of professionally oriented text)

= **20** points

* News presentation = **5** points
* Project presentation = **10** points
* Writing: 2 essays x 5 points each = **10** points
* Speaking: 2 texts x 5 points each = **10** points
* Module tests: 2 x 15 points each = **30** points
* Current work = **15** points

**TOTALLY = 100 POINTS**

**Course assignment description**

***Individual home reading***

includes

* Reading minimum 50 pages ( 1 page = 2000 printed signs) of professionally oriented text
* Summary to text (presented in written form) = 6 points
* Vocabulary (presented both in written and oral forms) = 7 points
* Book presentation = 7 points

NOTE! To check for the text comprehension, students will be asked to read and translate into Ukrainian several passages of the text, chosen by the teacher randomly. If a student fails this task, he will be appointed only point for Summary; however, points for Vocabulary and Book presentation will not be appointed !!!

***News presentation***= **5** points

The task is to present the latest news (political, cultural, sport, entertainment). Mind the time limit: 3 minutes. Also keep to the established schedule, otherwise you will fail to get your score for this activity.

**Material to be covered**

**Texts (course book “Англійська мова для математиків і програмістів”):**

Module 1

* Lesson 4. Mathematical induction
* Lesson 5. What is a computer system?
* Lesson 6. Getting Ready to Program

Module 2

* Lesson 9. Game Programming
* Lesson 10. Matrix Algebra
* Lesson 11. Computer Crimes

**Grammar:**

* Relative Pronouns.
* Conditionals. Wishes.
* Questions.
* The Passive
* Grammar Revision

**Project Presentation Topics:**

1. The Harvard University
2. The Ivy League
3. Healthcare problems.
4. Programming languages
5. Website development & analytics
6. Cybersecurity
7. Intellectual property and copyright.
8. Notorious Computer Crimes
9. Mathematical Geniuses.
10. Role of the English language in IT sphere.