

<b>Academic subject:</b> Basic English for Math Students (Course A)			
<b>Degree Class:</b> L-35 – Scienze Matematiche		<b>Degree Course:</b> Mathematics	
		<b>Academic Year:</b> 2018/2019	
		<b>Kind of class:</b> mandatory	
		<b>Year:</b> 1	<b>Period:</b> 2
		<b>ECTS: 3</b> divided into <b>ECTS lessons: 3</b> <b>ECTS</b> <b>exe/lab/tutor:</b>	
<b>Time management, hours, in–class study hours, out–of–class study hours</b> lesson: 24    exe/lab/tutor:    in–class study:    out–of–class study: 51			
<b>Language:</b> English		<b>Compulsory Attendance:</b> no	
<b>Subject Teacher:</b> Rosa Filazzola		<b>Tel:</b> 080-544-3274 <b>e–mail:</b> rosa.filazzola@yahoo.it	
		<b>Office:</b> Palazzetto delle Aule, second floor	
		<b>Office days and hours:</b> 1 <sup>st</sup> Semester Mondays: 11-13. 2 <sup>nd</sup> Semester Tuesdays: 10:30-12:30. Any other day by appointment via e-mail.	
<b>Prerequisites:</b> Basic knowledge of English acquired in elementary, middle and secondary school.			
<b>Educational objectives:</b> Acquisition and consolidation of English, with specific referral to semantics and pragmatics of the disciplinary language. The program will provides the student with the necessary tools to comprehend and elaborate original texts in English which they will encounter in their everyday studies.			
<b>Expected learning outcomes (according to Dublin Descriptors)</b>		<p><b>Knowledge and understanding:</b> Acquisition of basic grammatical and lexical concepts, plus mathematical structures and operations, plus basic geometry concepts, plus comprehensions and interpretations of graphs.</p> <p><b>Applying knowledge and understanding:</b> The theoretical concepts acquired are then applied in class by way of exercises, drills and conversation using authentic specific disciplinary texts for both a global and a detailed comprehension and of these texts.</p> <p><b>Making judgements:</b> Students must apply what has been acquired during the frontal lessons which increase in difficulty and complexity starting from simple phrases to being able to discuss and converse in a more articulate form.</p> <p><b>Communication:</b> An interactive approach is used in class to teach the four communication abilities (speaking, reading, writing, comprehension).</p> <p><b>Lifelong learning skills:</b> Acquisition of grammatical, lexical, mathematical, geometrical structures plus interpreting graphs found in the study material given with exercises with key and, in class conversation exercises, drills and discursive interactions.</p>	
<b>Course program</b> Grammar Units specific for English in Mathematics.			
Phonetic symbols, Alphabet/Spelling Pronunciation Aids Dates and Time Articles Nouns Some essential pronouns and adjectives Regular and irregular verbs Modal verbs			

Conditional forms  
Phrasal verbs  
Question formation  
The use of the “ed” form  
The use of the “ing” form  
Prepositions  
Comparative and Superlative forms  
Word Formation  
Linking Words

***Texts for Math students:***

The course will provide and assist the student, through authentic specific texts in English, in the comprehension of these text both globally and in detail. The following texts will be studied and analyzed in detail:

1. Mathematical Operations
2. Logical Principles and Mathematical Connectives
3. The Language of Mathematics
4. Geometry
5. Trigonometry
6. Mathematical Statistics
7. Graphs, Tables, Charts and...
8. A History of Zero
9. Lost in Numbers, Obscuring Our Selves

***Appendices:***

The following Appendices, will be provided and studied in order for the Math student to acquire the needed micro language specific for Mathematics.

1. Mathematical Symbols
2. Operations and Formulae
3. The Greek Alphabet
4. Interpreting a Graph

**Teaching methods:**

In class frontal teaching, reading and comprehension, conversation exercises, question-and-answer drills.

**Auxiliary teaching:**

“Dispensa per Studenti di Matematica” developed and provided by the teacher, blackboard, photocopies and use of visuals and powerpoint presentations.

**Assessment methods:**

Written exam.

**Bibliography:**

Essential Grammar in Use – Raymond Murphy, ed. Cambridge