

Mathematics Tutorial 2b

Registration Code	0054422	Credits	1.0
Course Category	Open		
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Thu. / 4 (14:45~16:15)		
Instructor	DARPÖ Erik		
Target Schools (Programs)	La(S) • Ec(S)		
<p>•Objective of the Course The objective of this course is to provide essential mathematical knowledge necessary to further studies in mathematics and science at university level. The course is primarily intended for students taking the course Linear algebra II.</p> <p>•Course Prerequisites While not a formal requirement, Linear Algebra I is strongly recommended.</p> <p>•Course Contents Orthogonal maps, vector spaces, determinants and their applications, eigenvalues and eigenvectors, applications of eigenvalue theory, linear differential equations.</p> <p>•Evaluation Methods The assessment of this course is the same as the assessment of the course Linear Algebra II.</p> <p><i>Course withdrawal:</i> Any student who does not participate in the final exam will receive the grade “Absent”. It is not necessary to submit a course withdrawal request form.</p> <p>•Notice for Students</p> <ol style="list-style-type: none"> 1. The reference book is available in the Main library and in the Science library (enough copies in total for all students). 2. It is strongly recommended to register also to Linear algebra II. 			
Textbook	None		
Reference Book	Otto Bretscher: <i>Linear Algebra with Applications</i> , fourth edition, Pearson		