

**UNIVERSITI TEKNOLOGI MARA****MAT084: MATHEMATICS II (BASIC)**

<b>Course Name (English)</b>	MATHEMATICS II (BASIC) <b>APPROVED</b>				
<b>Course Code</b>	MAT084				
<b>MQF Credit</b>	4				
<b>Course Description</b>	The course is prepared to enhance the comprehension of mathematics concepts at SPM level in order to gear up students to follow the courses at diploma level.				
<b>Transferable Skills</b>	1. Ability to apply basic knowledge of mathematics. 2. Ability to identify, interpret and formulate to solve mathematical problems.				
<b>Teaching Methodologies</b>	Lectures, Tutorial				
<b>CLO</b>	CLO1 State and identify the concepts, operations and techniques of: set, index, logarithm, sequence and series, function, function of graph, statistics, permutation and combination. CLO2 Apply the appropriate techniques to solve basic problems related to set, index, logarithm, sequence and series, function, function of graph, statistics, permutation and combination. CLO3 Relate the concepts, rule and mathematical expressions involving set, index, logarithm, sequence and series, function, function of graph, statistics, permutation and combination				
<b>Pre-Requisite Courses</b>	No course recommendations				
<b>Reading List</b>	<table><tr><td><b>Recommended Text</b></td><td>• Roslina Ismail 2006, <i>Basic Mathematics 11A</i>, First Ed., 7, Mc Graw Hill Education Kuala Lumpur, Malaysia [ISBN: 983-3219-32-2]</td></tr><tr><td><b>Reference Book Resources</b></td><td>• Dr. Pumadevi, Yeow Pow Choo, Mark Tan, Chris Mun, Yu Yan, Ng Seng How 2015, <i>SPOTLIGHT Galaxy S SPM ADDITIONAL MATHEMATICS</i>, First Ed., Pan Asian Publications Sdn. Bhd. Selangor [ISBN: 9789673359202] • Moy Wah Goon, Ooi Soo Huat, Wong Teck Sing, Jessy Chia 2015, <i>FOCUS SPM form 4 and 5 Additional Mathematics</i>, First Ed., Penerbitan Pelangi Sdn. Bhd. Selangor [ISBN: 9789830068008] • Cham Juat Eng, Chow Chin Mun, Teh Eng Kiat, Yeo Moy Kim, Yeow Pow Choo, Lee Meow Choon 2015, <i>FOCUS SPM form 4 and 5 Mathematics</i>, 2015 Ed., Penerbitan Pelangi Sdn. Bhd Selangor [ISBN: 9789830067995] • Ong Beng Sim, Koo Seng Her, Jonathan Wong, Tan Ah Geok 2008, <i>ACE AHEAD Mathematics Volume 1 STPM Text</i>, First Ed., 8, Oxford Fajar Sdn. Bhd. Shah Alam, Selangor [ISBN: 9789833382767]</td></tr></table>	<b>Recommended Text</b>	• Roslina Ismail 2006, <i>Basic Mathematics 11A</i> , First Ed., 7, Mc Graw Hill Education Kuala Lumpur, Malaysia [ISBN: 983-3219-32-2]	<b>Reference Book Resources</b>	• Dr. Pumadevi, Yeow Pow Choo, Mark Tan, Chris Mun, Yu Yan, Ng Seng How 2015, <i>SPOTLIGHT Galaxy S SPM ADDITIONAL MATHEMATICS</i> , First Ed., Pan Asian Publications Sdn. Bhd. Selangor [ISBN: 9789673359202] • Moy Wah Goon, Ooi Soo Huat, Wong Teck Sing, Jessy Chia 2015, <i>FOCUS SPM form 4 and 5 Additional Mathematics</i> , First Ed., Penerbitan Pelangi Sdn. Bhd. Selangor [ISBN: 9789830068008] • Cham Juat Eng, Chow Chin Mun, Teh Eng Kiat, Yeo Moy Kim, Yeow Pow Choo, Lee Meow Choon 2015, <i>FOCUS SPM form 4 and 5 Mathematics</i> , 2015 Ed., Penerbitan Pelangi Sdn. Bhd Selangor [ISBN: 9789830067995] • Ong Beng Sim, Koo Seng Her, Jonathan Wong, Tan Ah Geok 2008, <i>ACE AHEAD Mathematics Volume 1 STPM Text</i> , First Ed., 8, Oxford Fajar Sdn. Bhd. Shah Alam, Selangor [ISBN: 9789833382767]
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<b>Article/Paper List</b>	This Course does not have any article/paper resources				
<b>Other References</b>	This Course does not have any other resources				