

## Admission of RNS (Poly Direct-entry) in Special Term (May – Jul)

### Computer Engineering

<b>YEAR 2</b>			
<b>Special Term (May)</b>	<b>MCs</b>		
GEM 1	4		
Breadth 1 (SARTOR)	4		
Breadth 2 (SARTOR)	4		
Singapore Studies module	4		
<b>Semester 3 (Aug)</b>		<b>Semester 4 (Jan)</b>	<b>MCs</b>
MA1505 Mathematics I (Calculus)	4	MA1506 Mathematics II	4
EE2005 Electronics	4	EE2007 Microprocessor Systems	4
EE2006 Digital Design	4	CS1231 Discrete Structures	4
CS1102C Data Structures & Algorithms	5	CS2103 Software Engineering	4
MLE1101 Introductory Materials Science & Engineering	4	Breadth 3 (Level 1000 PC module – PC1432)	4
<b>Total</b>	<b>37</b>		<b>20</b>
<b>YEAR 3</b>		<b>Year 4</b>	
<b>Semester 5 (Aug)</b>		<b>Semester 6 (Jan)</b>	
EE2001 Project	6	EE4001 B.Eng. Dissertation	6
EE3204 Computer Communications Networks I	4	EE3001 Project (Technology Assessment)	4
EE3207 Computer Architecture	4	EE2012 Analytical Methods in ECE	4
EG1415 Engineering Professionalism	3	Breadth Technical Elective 2	4
Breadth Technical Elective 1	4	Breadth Technical Elective 3	4
EE2009 Signals	4		
<b>Total</b>	<b>25</b>	<b>Total</b>	<b>22</b>
<b>YEAR 4</b>			
<b>Semester 7 (Aug)</b>		<b>Important:</b> 1. The 28 MCs of electives for CPE and EE satisfying the EE/CPE Breadth / Depth requirements can be taken at any semester upon satisfying the pre-requisites. 2. Students can plan to take EE2001 during the special term after the second year of study (schedule IV) to reduce the workload in schedule V. 3. Accelerating students can take EE4001 when they achieve level 4 standing.	
EE4001 B.Eng. Dissertation	6		
Breadth/Depth Technical Elective 4	4		
Depth Technical Elective 5	4		
Depth Technical Elective 6	4		
Depth Technical Elective 7	4		
<b>Total</b>	<b>22</b>		

#### **Remark:**

**This schedule is subject to revision depending on the availability of modules in any semester. A student may also choose to deviate from this schedule if he/she finds that the workload is too heavy. But do note that any deviation from this schedule may mean that a student cannot complete in 6 semesters including the initial special term.**

## Admission of RNS (Poly Direct-entry) in Special Term (May – Jul)

### Electrical Engineering

<b>YEAR 2</b>			
<b>Special Term (May)</b>	<b>MCs</b>		
GEM 1	4		
Breadth 1 (SARTOR)	4		
Breadth 2 (SARTOR)	4		
Singapore Studies module	4		
<b>Semester 3 (Aug)</b>		<b>Semester 4 (Jan)</b>	<b>MCs</b>
MA1505 Mathematics I (Calculus)	4	MA1506 Mathematics II	4
EE2006 Digital Design	4	PC1432 Physics IIE	4
CS1102C Data Structures & Algorithms	5	EE2004 Electronic Devices	4
MLE1101 Introductory Materials Science & Engineering	4	EE2005 Electronics	4
Breadth 3 (Level 1000 PC module – PC1431)	4	EE2007 Microprocessor Systems	4
<b>Total</b>	<b>37</b>	<b>Total</b>	<b>20</b>
<b>YEAR 3</b>		<b>Year 4</b>	
<b>Semester 5 (Aug)</b>		<b>Semester 6 (Jan)</b>	
EE2001 Project	6	EE4001 B.Eng. Dissertation	6
EE2009 Signals	4	EE3001 Project (Technology Assessment)	4
EE2010 Systems & Control	4	EE2011 Engineering Electromagnetics	4
EE2012 Analytical Methods in ECE	4	Breadth Technical Elective 2	4
Breadth Technical Elective 1	4	Breadth Technical Elective 3	4
EG1415 Engineering Professionalism	3		
<b>Total</b>	<b>25</b>	<b>Total</b>	<b>22</b>
<b>YEAR 4</b>			
<b>Semester 7 (Aug)</b>			
EE4001 B.Eng. Dissertation	6	<b>Important:</b> 1. The 28 MCs of electives for CPE and EE satisfying the EE/CPE Breadth / Depth requirements can be taken at any semester upon satisfying the pre-requisites. 2. Students can plan to take EE2001 during the special term after the second year of study (schedule IV) to reduce the workload in schedule V. 3. Accelerating students can take EE4001 when they achieve level 4 standing.	
Breadth/Depth Technical Elective 4	4		
Depth Technical Elective 5	4		
Depth Technical Elective 6	4		
Depth Technical Elective 7	4		
<b>Total</b>	<b>22</b>		

### Remark:

**This schedule is subject to revision depending on the availability of modules in any semester. A student may also choose to deviate from this schedule if he/she finds that the workload is too heavy. But do note that any deviation from this schedule may mean that a student cannot complete in 6 semesters including the initial special term.**