

# ENTRY REQUIREMENTS OF COURSES TO TEMASEK POLYTECHNIC

SECTION

4f



## TEMASEK POLYTECHNIC

To be eligible for consideration for admission to the various courses in Temasek Polytechnic, applicants must obtain 26 points or better for the net ELR2B2 aggregate score (i.e. English Language, 2 relevant subjects and best 2 other subjects, including CCA Bonus Points) and meet the minimum entry requirements as shown in the table of courses in this section. CCA cannot be used to meet the minimum entry requirements.

The 2009 JAE COP (Cut-Off Points) as shown in this section, i.e. the net ELR2B2 aggregate score of the lowest ranked students who were admitted to these courses through the 2009 Joint Admissions Exercise (JAE), are meant as a reference for applicants applying to these courses and **do not** constitute the admission scores for subsequent admission exercises.

Courses	Course Code	Course Group	2009 JAE COP	Minimum Entry Requirements																												
<b>BUILT ENVIRONMENT</b>																																
Green Building & Sustainability	T29	C	22	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td>• Biology</td> <td></td> </tr> <tr> <td>• Chemistry</td> <td></td> </tr> <tr> <td>• Combined Science</td> <td></td> </tr> <tr> <td>• Design &amp; Technology</td> <td></td> </tr> <tr> <td>• Engineering Science</td> <td></td> </tr> <tr> <td>• Physical Science</td> <td></td> </tr> <tr> <td>• Physics</td> <td></td> </tr> <tr> <td>• Science (Chemistry, Biology)</td> <td></td> </tr> <tr> <td>• Science (Physics, Biology)</td> <td></td> </tr> <tr> <td>• Science (Physics, Chemistry)</td> <td></td> </tr> </tbody> </table>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) Any one of the following subjects:	1-6	• Biology		• Chemistry		• Combined Science		• Design & Technology		• Engineering Science		• Physical Science		• Physics		• Science (Chemistry, Biology)		• Science (Physics, Biology)		• Science (Physics, Chemistry)	
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Accounting & Finance  <u>Electives:</u> ④ • Accounting • Banking • Investment	T02	B	11	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p><b>Note:</b> To be eligible for selection, applicants must also have sat for at least one of the following subjects:</p> <ul style="list-style-type: none"> <li>• Art/Art &amp; Design</li> <li>• Business Studies</li> <li>• Combined Humanities</li> <li>• Commerce/Commercial Studies</li> <li>• Economics</li> <li>• Geography</li> <li>• Higher Art</li> <li>• Higher Music</li> <li>• History</li> <li>• Introduction to Enterprise Development</li> <li>• Literature in English/Chinese/Malay/Tamil</li> <li>• Music</li> <li>• Principles of Accounts</li> </ul>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-6	b) Mathematics (Elementary/Additional)	1-6	c) Any three other subjects	1-6																				
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Business/ Logistics & Operations Management/ Marketing  The first year is common to all students and they will opt for one of the following diplomas at the end of Year 1:  i. Dip in Business ii. Dip in Logistics & Operations Management iii. Dip in Marketing  <u>Electives:</u> ④ Dip in Business <ul style="list-style-type: none"> <li>Banking</li> <li>Corporate Communications</li> <li>Finance &amp; Investment</li> <li>Human Resource Management</li> <li>Entrepreneurship</li> <li>Marketing</li> <li>Tourism &amp; Leisure Business</li> </ul> Dip in Logistics & Operations Management <ul style="list-style-type: none"> <li>International Logistics</li> <li>Supply Chain</li> <li>Specialised Logistics</li> </ul> Dip in Marketing <ul style="list-style-type: none"> <li>Services Marketing</li> <li>Business Calculus</li> </ul>	T01	B	15	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p><b>Note:</b>  <i>To be eligible for selection, applicants must also have sat for at least one of the following subjects:</i></p> <ul style="list-style-type: none"> <li>Art/Art &amp; Design</li> <li>Business Studies</li> <li>Combined Humanities</li> <li>Commerce/Commercial Studies</li> <li>Economics</li> <li>Geography</li> <li>Higher Art</li> <li>Higher Music</li> <li>History</li> <li>Introduction to Enterprise Development</li> <li>Literature in English/Chinese/Malay/Tamil</li> <li>Music</li> <li>Principles of Accounts</li> </ul>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-6	b) Mathematics (Elementary/Additional)	1-6	c) Any three other subjects	1-6		
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Culinary & Catering Management	T18	B	14											
Hospitality & Tourism Management	T08	B	13											
Leisure & Resort Management	T19	B	14											
Retail Management	T39	B	16											
Aviation Management & Services  <u>Concentrations:</u> <ul style="list-style-type: none"> <li>Airport Management</li> <li>Airline Business</li> <li>Air Traffic Management</li> <li>Flight Operations</li> </ul>	T04	C	10	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> <li>Biology</li> <li>Chemistry</li> <li>Combined Science</li> <li>Design &amp; Technology</li> <li>Engineering Science</li> <li>Physical Science</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul> </td> <td></td> </tr> </tbody> </table>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) Any one of the following subjects:	1-6	<ul style="list-style-type: none"> <li>Biology</li> <li>Chemistry</li> <li>Combined Science</li> <li>Design &amp; Technology</li> <li>Engineering Science</li> <li>Physical Science</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul>	
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Business Process & Systems Engineering  <u>Concentrations:</u> <ul style="list-style-type: none"> <li>Customer Relationship Management</li> <li>Systems Modeling &amp; Simulation</li> </ul>	T43	C	18											

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Business Information Technology ①	T36	C	16	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p><b>Note:</b> To be eligible for selection, applicants must also have sat for at least one of the following subjects:</p> <ul style="list-style-type: none"> <li>• Additional Combined Science</li> <li>• Additional Science</li> <li>• Biology</li> <li>• Chemistry</li> <li>• Combined Science</li> <li>• Computer Studies</li> <li>• Creative 3D Animation</li> <li>• Design &amp; Technology</li> <li>• Engineering Science</li> <li>• Food &amp; Nutrition</li> <li>• Fundamentals of Electronics</li> <li>• General Science</li> <li>• Human &amp; Social Biology</li> <li>• Integrated Science</li> <li>• Physical Science</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> <li>• Science (Physics, Chemistry, Biology)</li> </ul>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) Any three other subjects	1-6																												
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Communications & Media Management  <b>Options:</b> ④ <ul style="list-style-type: none"> <li>• Journalism &amp; Publishing</li> <li>• Media &amp; Marketing Management</li> <li>• Broadcasting</li> </ul>	T40	B	11	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-3</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td>    • Art/Art &amp; Design</td> <td></td> </tr> <tr> <td>    • Business Studies</td> <td></td> </tr> <tr> <td>    • Combined Humanities</td> <td></td> </tr> <tr> <td>    • Commerce/Commercial Studies</td> <td></td> </tr> <tr> <td>    • Economics</td> <td></td> </tr> <tr> <td>    • Geography</td> <td></td> </tr> <tr> <td>    • History</td> <td></td> </tr> <tr> <td>    • Higher Art</td> <td></td> </tr> <tr> <td>    • Higher Music</td> <td></td> </tr> <tr> <td>    • Introduction to Enterprise Development</td> <td></td> </tr> <tr> <td>    • Literature in English/Chinese/Malay/Tamil</td> <td></td> </tr> <tr> <td>    • Music</td> <td></td> </tr> <tr> <td>    • Principles of Accounts</td> <td></td> </tr> <tr> <td>d) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-3	b) Mathematics (Elementary/Additional)	1-7	c) Any one of the following subjects:	1-6	• Art/Art & Design		• Business Studies		• Combined Humanities		• Commerce/Commercial Studies		• Economics		• Geography		• History		• Higher Art		• Higher Music		• Introduction to Enterprise Development		• Literature in English/Chinese/Malay/Tamil		• Music		• Principles of Accounts		d) Any two other subjects	1-6
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Law & Management	T09	B	14	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-4</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p><b>Note:</b>  <i>To be eligible for selection, applicants must also have sat for at least one of the following subjects:</i></p> <ul style="list-style-type: none"> <li>• Art/Art &amp; Design</li> <li>• Business Studies</li> <li>• Combined Humanities</li> <li>• Commerce/Commercial Studies</li> <li>• Economics</li> <li>• Geography</li> <li>• Higher Art</li> <li>• Higher Music</li> <li>• History</li> <li>• Introduction to Enterprise Development</li> <li>• Literature in English/Chinese/Malay/Tamil</li> <li>• Music</li> <li>• Principles of Accounts</li> </ul>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-4	b) Mathematics (Elementary/Additional)	1-6	c) Any three other subjects	1-6
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<p><b>Electives:</b> ④</p> <ul style="list-style-type: none"> <li>• Game Programming</li> <li>• Network Security</li> <li>• ASP.NET programming</li> </ul>																																

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<p>Electronics/ Media &amp; Communication Technology/ Computer Engineering/ Microelectronics ⑦</p> <p>The first year is common to all students and they will opt for one of the following diplomas at the end of Year 1:</p> <p>1) Dip in Electronics (with options)④:  <ul style="list-style-type: none"> <li>• Aerospace Electronics</li> <li>• Business</li> <li>• Robotics</li> <li>• Networking</li> </ul> </p> <p>2) Dip in Media &amp; Communication Technology (with electives)④:  <ul style="list-style-type: none"> <li>• Wireless Networks</li> <li>• Multimedia Services</li> </ul> </p> <p>3) Dip in Computer Engineering (with electives)④:  <ul style="list-style-type: none"> <li>• Game Programming</li> <li>• Network Security</li> <li>• ASP.NET programming</li> </ul> </p> <p>4) Dip in Microelectronics (with electives)④:  <ul style="list-style-type: none"> <li>• Nanotechnology</li> <li>• Materials Science</li> </ul> </p>	T05	C	21	<table border="0"> <thead> <tr> <th data-bbox="895 226 1385 255"><u>Subject</u></th> <th data-bbox="1385 226 1476 255"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="895 255 1385 284">a) English Language</td> <td data-bbox="1385 255 1476 284">1-7</td> </tr> <tr> <td data-bbox="895 284 1385 313">b) Mathematics (Elementary/Additional)</td> <td data-bbox="1385 284 1476 313">1-6</td> </tr> <tr> <td data-bbox="895 313 1385 342">c) Any one of the following subjects:</td> <td data-bbox="1385 313 1476 342">1-6</td> </tr> <tr> <td data-bbox="895 342 1385 371">• Biology</td> <td></td> </tr> <tr> <td data-bbox="895 371 1385 400">• Chemistry</td> <td></td> </tr> <tr> <td data-bbox="895 400 1385 430">• Combined Science</td> <td></td> </tr> <tr> <td data-bbox="895 430 1385 459">• Design &amp; Technology</td> <td></td> </tr> <tr> <td data-bbox="895 459 1385 488">• Engineering Science</td> <td></td> </tr> <tr> <td data-bbox="895 488 1385 517">• Physical Science</td> <td></td> </tr> <tr> <td data-bbox="895 517 1385 546">• Physics</td> <td></td> </tr> <tr> <td data-bbox="895 546 1385 575">• Science (Chemistry, Biology)</td> <td></td> </tr> <tr> <td data-bbox="895 575 1385 604">• Science (Physics, Biology)</td> <td></td> </tr> <tr> <td data-bbox="895 604 1385 633">• Science (Physics, Chemistry)</td> <td></td> </tr> </tbody> </table>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) Any one of the following subjects:	1-6	• Biology		• Chemistry		• Combined Science		• Design & Technology		• Engineering Science		• Physical Science		• Physics		• Science (Chemistry, Biology)		• Science (Physics, Biology)		• Science (Physics, Chemistry)	
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<p>Media &amp; Communication Technology</p> <p><b>Electives:</b> ④</p> <ul style="list-style-type: none"> <li>• Wireless Networks</li> <li>• Multimedia Services</li> </ul>	T12	C	20																													
<p>Mechatronics ③</p> <p><b>Options:</b> ④</p> <ul style="list-style-type: none"> <li>• Aerospace Engineering</li> <li>• Process Control &amp; Automation</li> <li>• Robotics</li> </ul>	T06	C	21																													

Courses	Course Code	Course Group	2009 JAE COP	Minimum Entry Requirements								
<b>HUMANITIES</b>												
Early Childhood Studies ⑤ ⑥ (New Course in JAE)	T54	B	-	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p><b>Note:</b> To be eligible for selection, applicants must also have sat for at least one of the following subjects:</p> <ul style="list-style-type: none"> <li>• Art/Art &amp; Design</li> <li>• Business Studies</li> <li>• Combined Humanities</li> <li>• Commerce/Commercial Studies</li> <li>• Economics</li> <li>• Geography</li> <li>• Higher Art</li> <li>• Higher Music</li> <li>• History</li> <li>• Introduction to Enterprise Development</li> <li>• Literature in English/Chinese/Malay/Tamil</li> <li>• Music</li> <li>• Principles of Accounts</li> </ul>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-6	b) Mathematics (Elementary/Additional)	1-6	c) Any three other subjects	1-6
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Gerontological Management Studies	T53	B	15	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p><b>Note:</b></p>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-6	b) Mathematics (Elementary/Additional)	1-7	c) Any three other subjects	1-6
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Psychology Studies	T48	B	8	<p>To be eligible for selection, applicants must also have sat for at least one of the following subjects:</p> <ul style="list-style-type: none"> <li>• Art/Art &amp; Design</li> <li>• Business Studies</li> <li>• Combined Humanities</li> <li>• Commerce/Commercial Studies</li> <li>• Economics</li> <li>• Geography</li> <li>• Higher Art</li> <li>• Higher Music</li> <li>• History</li> <li>• Introduction to Enterprise Development</li> <li>• Literature in English/Chinese/Malay/Tamil</li> <li>• Music</li> <li>• Principles of Accounts</li> </ul>								

Courses	Course Code	Course Group	2009 JAE COP	Minimum Entry Requirements																												
<b>INFORMATION TECHNOLOGY</b>																																
Cyber & Digital Security ①	T15	C	18	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) Any two other subjects	1-6																				
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Game & Entertainment Technology ②	T16	C	18	<p><b>Note:</b> To be eligible for selection, applicants must also have sat for at least one of the following subjects:</p> <ul style="list-style-type: none"> <li>• Additional Combined Science</li> <li>• Additional Science</li> <li>• Biology</li> <li>• Chemistry</li> <li>• Combined Science</li> <li>• Computer Studies</li> <li>• Creative 3D Animation</li> <li>• Design &amp; Technology</li> <li>• Engineering Science</li> <li>• Food &amp; Nutrition</li> <li>• Fundamentals of Electronics</li> <li>• General Science</li> <li>• Human &amp; Social Biology</li> <li>• Integrated Science</li> <li>• Physical Science</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> <li>• Science (Physics, Chemistry, Biology)</li> </ul>																												
Information Technology ①	T30	C	20																													
<p><b>Options:</b> ④</p> <ul style="list-style-type: none"> <li>• Enterprise IT</li> <li>• Enterprise Business Informatics</li> </ul>																																
Interactive Media Informatics ①	T34	C	20																													
<p><b>Options:</b> ④</p> <ul style="list-style-type: none"> <li>• Rich Media Commerce</li> <li>• 3D Digital Entertainment</li> <li>• Edumatics</li> </ul>																																
Mobile & Network Services ①	T42	C	23																													
<p><b>Options:</b> ④</p> <ul style="list-style-type: none"> <li>• Mobile Solutions</li> <li>• IT Service Management</li> </ul>																																
Info-Communications	T37	C	22	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td>    • Biology</td> <td></td> </tr> <tr> <td>    • Chemistry</td> <td></td> </tr> <tr> <td>    • Combined Science</td> <td></td> </tr> <tr> <td>    • Design &amp; Technology</td> <td></td> </tr> <tr> <td>    • Engineering Science</td> <td></td> </tr> <tr> <td>    • Physical Science</td> <td></td> </tr> <tr> <td>    • Physics</td> <td></td> </tr> <tr> <td>    • Science (Chemistry, Biology)</td> <td></td> </tr> <tr> <td>    • Science (Physics, Biology)</td> <td></td> </tr> <tr> <td>    • Science (Physics, Chemistry)</td> <td></td> </tr> </tbody> </table>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) Any one of the following subjects:	1-6	• Biology		• Chemistry		• Combined Science		• Design & Technology		• Engineering Science		• Physical Science		• Physics		• Science (Chemistry, Biology)		• Science (Physics, Biology)		• Science (Physics, Chemistry)	
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<p><b>Electives:</b> ④</p> <ul style="list-style-type: none"> <li>• Game Programming &amp; Web Services</li> <li>• Networking &amp; Media Communications</li> </ul>																																

Courses	Course Code	Course Group	2009 JAE COP	Minimum Entry Requirements								
<b>MEDIA &amp; DESIGN</b>												
Apparel Design & Merchandising ②  <b>Options:</b> ④ • Fashion Design & Merchandising • Retail & Visual Merchandising	T20	D	14	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p><b>Note:</b> <i>To be eligible for selection, applicants must also have sat for at least one of the following subjects:</i></p> <ul style="list-style-type: none"> <li>• Additional Combined Science</li> <li>• Additional Science</li> <li>• Art/Art &amp; Design</li> <li>• Biology</li> <li>• Chemistry</li> <li>• Combined Science</li> <li>• Computer Studies</li> <li>• Creative 3D Animation</li> <li>• Design &amp; Technology</li> <li>• Engineering Science</li> <li>• Food &amp; Nutrition</li> <li>• Fundamentals of Electronics</li> <li>• General Science</li> <li>• Higher Art</li> <li>• Human &amp; Social Biology</li> <li>• Integrated Science</li> <li>• Physical Science</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> <li>• Science (Physics, Chemistry, Biology)</li> </ul>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-6	b) Mathematics (Elementary/Additional)	1-7	c) Any three other subjects	1-6
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Moving Images ②  <b>Options:</b> ④ • Video • Animation	T23	D	17									
Visual Communication ② <i>(Visual Communication covers Advertising &amp; Design)</i>  <b>Options:</b> ④ • Graphic Design • Illustration • Photography	T24	D	12									

Courses	Course Code	Course Group	2009 JAE COP	Minimum Entry Requirements
Environment Design ②	T46	D	19	<p style="text-align: center;"><u>Subject</u> <span style="float: right;"><u>Grade</u></span></p> <p>a) English Language <span style="float: right;">1-7</span></p> <p>b) Mathematics (Elementary/Additional) <span style="float: right;">1-7</span></p> <p>c) Any three other subjects <span style="float: right;">1-6</span></p> <p><b>Note:</b></p> <p><i>To be eligible for selection, applicants must also have sat for at least one of the following subjects:</i></p> <ul style="list-style-type: none"> <li>• Additional Combined Science</li> <li>• Additional Science</li> <li>• Art/Art &amp; Design</li> <li>• Biology</li> <li>• Chemistry</li> <li>• Combined Science</li> <li>• Computer Studies</li> <li>• Creative 3D Animation</li> <li>• Design &amp; Technology</li> <li>• Engineering Science</li> <li>• Food &amp; Nutrition</li> <li>• Fundamentals of Electronics</li> <li>• General Science</li> <li>• Higher Art</li> <li>• Human &amp; Social Biology</li> <li>• Integrated Science</li> <li>• Physical Science</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> <li>• Science (Physics, Chemistry, Biology)</li> </ul>
Interactive Media Design ②	T21	D	17	
Interior Architecture & Design ②	T22	D	14	
Product & Industrial Design ② ③	T35	D	17	
Retail & Hospitality Design ②	T47	D	16	
Interactive Media Technology ②  <b>Concentrations:</b> <ul style="list-style-type: none"> <li>• 3D Simulations</li> <li>• 3D Product Modeling</li> <li>• 3D Displays</li> </ul>	T49	C	21	<p style="text-align: center;"><u>Subject</u> <span style="float: right;"><u>Grade</u></span></p> <p>a) English Language <span style="float: right;">1-7</span></p> <p>b) Mathematics (Elementary/Additional) <span style="float: right;">1-6</span></p> <p>c) Any one of the following subjects: <span style="float: right;">1-6</span></p> <ul style="list-style-type: none"> <li>• Biology</li> <li>• Chemistry</li> <li>• Combined Science</li> <li>• Design &amp; Technology</li> <li>• Engineering Science</li> <li>• Physical Science</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul>

**Note: (Temasek Polytechnic)**

The Polytechnic Course Groups are abbreviated as follows:

B: Business-Related Courses

C: Science & Technology Courses

D: Design Courses

① Applicants applying for these courses must ensure that they do not suffer from complete colour appreciation deficiency. Applicants with partial colour appreciation deficiency may apply. Applicants who do not satisfy the pre-requisite may lead to non-acceptance to the course of study.

② Applicants applying for these courses must ensure that they do not suffer from colour appreciation deficiency. Applicants who do not satisfy the pre-requisite may lead to non-acceptance to the course of study.

- ③ For safety reasons, applicants applying for these courses must ensure that they do not suffer from medical conditions such as epilepsy or hearing impairment.
- ④ Allocation of options/ electives will depend on students fulfilling the prerequisite of completing selected modules, meeting criteria, and also availability of places in the respective courses.
- ⑤ In addition to satisfying the Fitness requirement at the Polytechnic's pre-enrolment medical examination and medical requirements of other regulatory authorities (if applicable), applicants offered a place in T54 (Diploma in Early Childhood Studies) must also be free from physical disabilities.

Whilst not comprehensive, the following medical conditions may lead to non-acceptance into the Early Childhood Studies course:

Active tuberculosis	Uncontrolled epilepsy	Psychiatric condition
HBsAg positive / Hepatitis B Carrier	Uncontrolled asthma	Acquired immune deficiency syndrome (AIDS)
Legal Blindness	Uncontrolled hypertension	Mobility restricted
Uncontrolled diabetes	Profound deafness	Physical dependence upon mobility equipment

- ⑥ Applicants admitted to T54 (Diploma in Early Childhood Studies) and are keen to register as pre-school teachers after graduation must ensure that they obtain a minimum of B4 in their GCE 'O' Level English Language (English as a First Language) or a minimum band of 6.5 in the International English Language Testing System (IELTS – General Training). Applicants who do not meet the English requirement must ensure that they do so within 2 years of their registration as pre-school teachers.
- ⑦ The first semester in T05 (Electronics/ Media & Communication Technology/ Computer Engineering/ Microelectronics) and T50 (Diploma in Aerospace Electronics) are common. Suitable students from the Electronics/ Media & Communication Technology/ Computer Engineering/ Microelectronics course can join the Diploma in Aerospace Electronics course after their first semester.

#### **JOINT POLYTECHNIC SPECIAL ADMISSIONS EXERCISE (JPSAE) & DIRECT ADMISSIONS EXERCISE (DAE)**

Besides the application through JAE, applicants who have special aptitude and talents and wish to be considered based on criteria beyond academic results are also encouraged to submit their applications through the JPSAE. Short-listed applicants under the JPSAE may be invited for an interview or test.

For more information on JPSAE, applicants may logon to <http://www.polytechnic.edu.sg>.

Candidates who are not eligible for JPSAE may appeal through DAE at [http://www.tp.edu.sg/home/admissions/adm\\_exercise/dae.htm](http://www.tp.edu.sg/home/admissions/adm_exercise/dae.htm).

#### **APPLICATION FOR DIPLOMA IN CONSUMER SCIENCE & TECHNOLOGY**

Applicants who are keen on a teaching career as Home Economics Teachers with the Ministry of Education (MOE) are encouraged to apply for the Diploma in Consumer Science & Technology course under a separate exercise administered by MOE. Applicants should apply directly to MOE at the following website: <http://www.moe.gov.sg/careers/teach/applying/o-levels/>.