

## COURSES AND ENTRY REQUIREMENTS – STPM

Entry Requirements of STPM Holders for Admission to Full-time 3-Year or 2-Year Diploma Courses.

To be eligible for admission to the various courses, all applicants must have the following grades in subjects taken at not more than two sittings of the STPM examination:

STPM holders can also apply for full-time 3-Year courses that are meant for SPM holders.

### B) SCIENCE & TECHNOLOGY COURSES REPUBLIC POLYTECHNIC

Course	Course Code	Duration (Years)	Minimum Entry Requirements	
			Subject	Grade
Aerospace Avionics	R20	3	a) General Paper (English Medium)	1 - 6
Biomedical Electronics	R15	3	Or	
Biomedical Sciences	R14	3	Bahasa Inggeris (1119)	1 - 6
Biotechnology	R16	3		
Civil Aviation	R39	3	b) "A"Level pass in Mathematics	A - E
Common Engineering Programme <sup>②</sup>	R42	3	c) "A"Level pass in any one subject:	A - E
Digital Entertainment Electronics	R38	3	- Biology - Chemistry - Physical Science - Physics	
Environmental Science	R29	3		
Industrial and Operations Management	R11	3		
Materials Science	R17	3		
Micro and Nanotechnology	R30	3		
Pharmaceutical Sciences	R22	3		
Renewable Energy Engineering	R41	3		
Supply Chain Management	R21	3		

② The Common Engineering Programme allows a student to take a common course of study in the first year and be streamed into one of the following Engineering diplomas from the second year onwards:

- Aerospace Avionics
- Aerospace Engineering (Quality Systems)
- Biomedical Electronics
- Civil Aviation
- Digital Entertainment Electronics
- Industrial and Operations Management
- Micro and Nanotechnology
- Supply Chain Management

**B) SCIENCE & TECHNOLOGY COURSES (CONT'D)**  
**REPUBLIC POLYTECHNIC**

Course	Course Code	Duration (Years)	Minimum Entry Requirements	
			Subject	Grade
Business Applications <b>Options:</b> <ul style="list-style-type: none"> <li>• Financial and Banking Applications</li> <li>• Healthcare Applications</li> <li>• Hospitality and Retail Systems</li> <li>• Manufacturing and Logistics Systems</li> </ul>	R18	3	a) General Paper (English Medium) Or Bahasa Inggeris (1119) b) "A" Level pass in Mathematics	1 - 6  1 - 6 A - E
Business Information Systems <b>Options:</b> <ul style="list-style-type: none"> <li>• Human Resource Information Systems</li> <li>• Finance and Accounting Information Systems</li> <li>• Sales and Marketing Information Systems</li> </ul>	R13	3		
Information Technology <b>Options:</b> <ul style="list-style-type: none"> <li>• Networking and Security</li> <li>• IT Security</li> <li>• Enterprise Infrastructure</li> </ul>	R12	3	a) General Paper (English Medium) Or Bahasa Inggeris (1119) b) "A" Level Pass in Mathematics	1 - 6  1 - 6 A-E
Aerospace Engineering (Quality Systems)	R40	3		
Interactive and Digital Media <b>Options:</b> <ul style="list-style-type: none"> <li>• Computer Animation</li> <li>• Digital Audio and Video</li> <li>• Games Development</li> </ul>	R31	3		
IT Service Management	R23	3		
Health Management and Promotion	R43	3	a) General Paper (English Medium) Or Bahasa Inggeris (1119) b) "A" Level pass in Mathematics	1 - 6  1 - 6 A - E
Sports and Exercise Sciences	R26	3	c) "A" Level pass in any 1 subject:  Biology Chemistry Physics Physical Science	A - E