

## Skills Framework for Marine and Offshore

Programmes that broaden or deepen specific skills and knowledge for the various occupations in the sector

### Design and Engineering

Job Role:  
Design Engineer

Full Qualification Programme	Provider
Diploma in Engineering (Marine SBMCs)	Ngee Ann Polytechnic
Diploma of Conversion Marine and Offshore Technology (SBMCs)	
Specialist Diploma in Marine Design (SBMCs)	

Technical Skills and Competencies (TSC)			Modular Programmes	Providers
Category	Title	Proficiency Level		
General Management	Innovation Management	3	Business Management and Diploma Core Unit (Bundled)	William Angliss Institute Pte Ltd
			Contribute to Innovation	Capelle Academy Pte Ltd
			Creativity and Innovation Workshop (SkillsFuture Series)	Republic Polytechnic
			"Innovation : Turning Ideas into Gold (Project)"	Everest Innovation Pte Ltd
Systems Engineering	System Architecture Design	4	Intermediate Systems Engineering (SkillsFuture Series) Systems Engineering Practice (SkillsFuture Series)	Singapore Institute of Technology
	System Configuration Management	4	Computer Aided 3D Design (ME SBMCs)	Ngee Ann Polytechnic
			Computer Aided Engineering Drafting (ME SBMCs)	Singapore Institute of Technology
			Intermediate Systems Engineering (SkillsFuture Series) Systems Engineering Practice (SkillsFuture Series)	
Technical Drawing	Equipment Drawing	3	Computer Aided 3D Design (ME SBMCs) Computer Aided Engineering Drafting (ME SBMCs)	Ngee Ann Polytechnic
	Structural and Arrangement Drawing	3	Computer Aided 3D Design (ME SBMCs)	Ngee Ann Polytechnic
			Computer Aided Engineering Drafting (ME SBMCs)	

For Generic Skills and Competencies (GSCs) programme listing, please refer to *Section (v) (c) - View the Training Programmes for GSCs*. Or click this [link](#) to view the GSCs Programme Listing.