

## Services to Business Overview



### Design and Rapid Prototyping

Requirements capture (brief and specification writing)  
Research  
Concept design & development  
Engineering drawing, 3D Virtual modelling and simulation, Virtual Finite Element Analysis  
Engineering Development  
Design for Manufacture

### Subtractive Digital Manufacturing

5 axis CNC router 10'x5' bed and a 2' z axis, 3 axis sabre milling, laser cutting/engraving,

### Additive Digital Manufacturing

3D(4D) Scanning and Fibre Deposition Modelling (FDM) 3D prototyping in PC, PCi, PCISO, PCABS, ABSi, PPSF (medical Grad). Material testing, Scanning and Measurement

### Training & Industry Short Courses

Marine  
Computing  
Design & Manufacture  
CAD  
Broadcast & Media Technology

### Consultancy

Marine Environment  
Port Waste Management  
Materials  
Design Technology  
Naval Architecture and Small Craft Design  
Built Environment

### Facilities Hire

Thermwood 5 axis CNC Router (Thermwood 67)  
Stratasys FDM Titan 3D Rapid prototype manufacturing  
Materials testing  
Survey vessel charter  
Outside Broadcast Van  
Tow tank with software controlled wave generator  
Computer training classrooms  
Usability laboratory

## Contacts

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A Selection of the facilities on offer

