



# Rapat Tinjauan Manajemen Jurusan Teknik Mesin

Batam, 20 September 2022

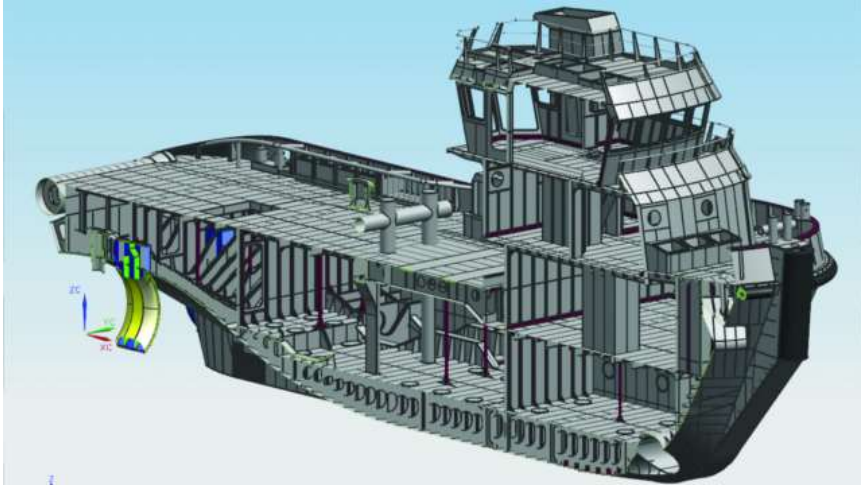
# Agenda

- Laporan PBM
- Progress CDIO
- Pengembangan Jurusan
- Rencana Akhir Tahun

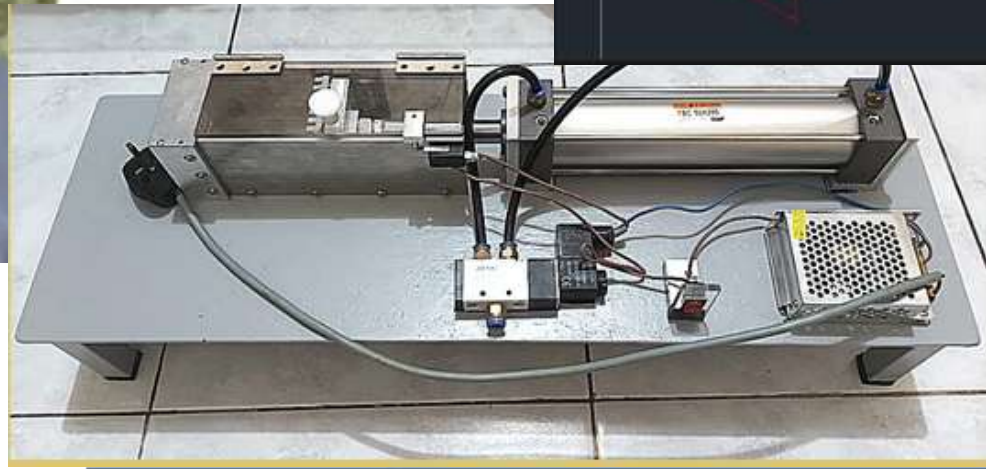
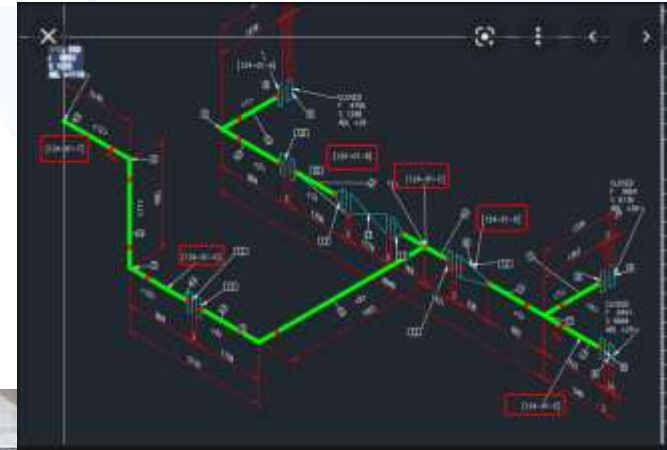
- Pelaksanaan PBM Lancar, terdapat beberapa mahasiswa yang terkena SP disebabkan kehadiran di PBL yang disebabkan karena
  - Memang tidak hadir
  - Tidak mengisi log bog
  - Membuat Log Book asal dan tidak mengindahkan arahan dosen
- Tingkat kepuasan rata-rata 92,42% dengan jumlah responden 393 mahasiswa
  - (Mesin: 15 kelas; Kapal: 10; TPPU: 9. Est Total Mhs: 720)
- PBL berjalan dan selesai (Sudah dilaporkan di RTM 2) → terjadi peningkatan dari segi pelaksanaan seiring dengan kegiatan aktifitas offline (di kampus)
- Mahasiswa masuk 100% → Kesehatan mulai mengalami penurunan, banyak yang sakit → aktifitas yang Kembali normal, mulai banyaknya interaksi

- Kepesertaan Lomba
  - Juara Lomba NWC
  - Keikutsertaan dalam lomba kapal
  - Keikutsertaan dalam lomba pesawat
- Permintaan kelas offline untuk beberapa kegiatan dilakukan dengan metode diskusi, namun masih terdapat kekurangan terkait dengan kebutuhan interaksi
- Lab Komputer mengalami penurunan kapabilitas, kebutuhan mengalami peningkatan





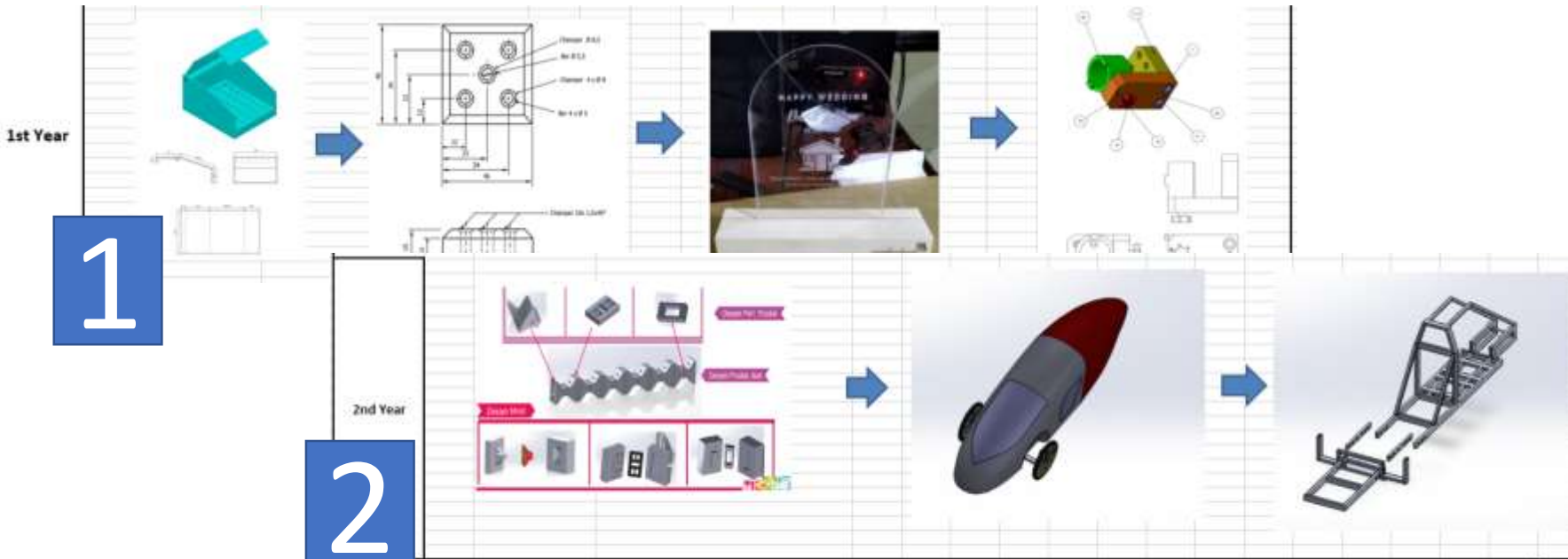
PRODUK  
PBL



# Progress CDIO

Year 3 Skills are Proficient	Sem 6	Industrial Attachment	Introduce students to industry culture and train the future workforce and industry leadership, enhance their studies, and gain from unique professional development opportunities
	Sem 5	Final Project	This is the capstone project. In this project student teams will design, build and test solutions to real-wold problem.
Year 2 Skills are Reinforced	Sem 4	Agile Innovation Project	Equip students with agile methodology to create innovative products or solutions. Students collaborate in multi-disciplinary groups to define, design, build, test and release products.
	Sem 3	Mechanical Design and Fabrication	Design and construct a simple Mechanical system that integrates the mechanical and analyzing into a working product. Various aspects of personal and interpersonal skills such as teamwork, communications, as well as managing learning are systematically infused in carrying out the design-fabricate project.
Year 1 Skills are Introduced	Sem 2	Rapid Prototyping Project	Intro-level course for Mechanical and design. Students will learn about the applied mathematics and basic design 2D/3D through computer , and be asked to demonstrate critical thinking, creativity, and give the task machining conventional skills in hands-on lab experiences
	Sem 1	Introduction to Mechanical Engineering	Intro-level course for Mechanical and design. Students will learn about the Physisic and kinematic,material strenght and be asked to demonstrate critical thinking, creativity, and problem-solving skills in hands-on lab experiences with undestand to standard operation through occupation health.

Prodi  
Mesin





Year 4 CDIO skill are Proficiented	Semester 8	KP803 Internship 2	KP802 Internship Report 2	KP801 Final Project				
	Semester 7	KP703 Internship 1	KP702 Internship Report 1	KP701 Professional Ethics				
Year 3 CDIO skill are strengthened	Semester 6	KP601 Advance Ship Fabrication	KP602 Ship Production Management	KP605 Ship Electrical System	KP603 Fatigue and Fracture Mechanics	KP606 Engineering Statistics	KP604 Research Methodology	PK4KP Indonesian
	Semester 5	KP501 Ship Fabrication	KP505 Marine Coating Technology	KP401 Mechanics of Materials	KP503 Ship Fabrication Codes and Standards	KP502 Welding Inspection and NDT	PK3KP Civics	
Year 2 CDIO skill are reinforced	Semester 4	KP403 Ship Structural Design	KP404 Ship Machinery & System	KP303 Advanced Welding	KU3KP English Proficiency Test Preparation	KP402 Entrepreneurship		
	Semester 3	KP304 Ship General Arrangement	KP305 New Building Technology	KP504 Ship Survey and Repair	KP302 Engineering Mechanics	KP301 English for Engineering	KU2KP Sports	PK2KP Pancasila
Year 1 CDIO skill are introduce	Semester 2	KP205 Ships Visualization and Modelling	KP204 Computer Aided Design (CAD)	KP203 Ship Construction	KP206 Basic Ship Theory	KP201 Applied Physics	KP202 Occupational Health and Safety	KU1KP General English
	Semester 1	KP107 Introduction to Naval Engineering	KP101 Engineering Drawing	KP104 Introduction to Marine Technology	KP106 Basic Machining Process	KP103 Engineering Mathematics	KP105 Material Science	KP102 Welding & Metal Fabrication



# • Prodi Kapal

# Pengembangan Jurusan

- Penambahan jumlah prodi, akreditasi prodi
- Kerjasama dengan perusahaan dalam pelibatan PBL, MF dan juga training yang dilakukan bekerjasama dengan industri
- Kerjasama dengan Asosiasi drone, Kerjasama dengan ATB, Kerjasama dengan Universitas dalam bentuk pertukaran pengajar, mahasiswa
- Diperlukan penambahan SDM segera dikarenakan bertambahnya jumlah kelas, jumlah program studi



# Rencana Akhir Tahun

- Pengadaan peralatan BHP dan Modal
- Re Akreditasi dan Penyelesaian Pengajuan Prodi
- Kegiatan Lomba