

Peluang Kerjasama Teknik Industri – Sekolah Vokasi - Carfix

PIB Teknik Industri 2019

Ratnanto Fitriadi

Latar Belakang Kerjasama

- Berkembangnya industri otomotif memberi dampak bisnis perawatan/ bengkel juga ikut berkembang.
- Lulusan yang mempunyai keahlian plus (spesialisasi pada bidang manajemen kepala bengkel) sangat dipelukan.
- Core business process bidang ini sangat erat dengan keilmuan Teknik Industri

Latar Belakang Kerjasama

- Carfix salah satu bengkel terpercaya saat ini (yang awalnya berkembang dari Toyota) sedang ekspansi terutama di area Jateng, DIY.
- Kebutuhan tenaga kerja meliputi:
 - Mekanik & Foreman (kerjasama dengan SMK)
 - Kepala Bengkel & Service Advisor (kerjasama dengan sekolah vokasi UNNES, UNY, UMS)

CARfix Expansion

Kebutuhan	2019	2020	2021	2022	2023
Mekanik	756	2028	3792	5644	5644
Foreman	150	400	750	1122	1122
Service Advisor (SA)	252	676	1264	1888	1888
Kepala Bengkel	85	210	385	571	571
Total	1158	3104	5806	8674	8674

Year	Outlet
2019	85
2020	125
2021	175
2022	186
Total	571

Sumber: GM HRD Carfix

Kurikulum Inti Kepala Bengkel

1. Workshop Bussiness Process (6 Service Process Workshop): MRS & Appointment, Appointment Preparation, Penerimaan, Produksi, Penyerahan, Follow Up After Service.
2. Human Resources
3. KPI (Result, Process, CS & Finance)
4. Part & Warehouse (inventory System): Pengenalan Inventory Control, Penentuan Stock, Inventory Control, Maximum Inventory Position , Sugested Order Quantity , Parts Warehouse Specification, Warehouse Activity, The 7 Step Storage Techniques, Safety & 4 S.

Detail Silabus (1)

1. Maintenance Reminder System (MRS):
Maintenance Reminder Concept, Ideal State,
Flow of Process, KPI.
2. Pengelolaan suara Pelanggan: Sumber & Tujuan
Voice of Customer (VOC), Flow of Process VOC
Implementation.
3. Pengelolaan Komplain Pelanggan: Definisi &
Katagori Complain, Tahapan Penanganan
Complain, Laporan Penanganan Keluhan & Legal
Issue.

Detail Silabus (2)

1. Kaizen Basic: Kaizen Introduction, Kaizen Concept, Kaizen Concern, Kaizen Methodology (PDCA).
2. 7 Muda: Basic Concept "Muda", Produksi Berlebih, Persediaan Berlebihan, Proses Berlebihan, Pemborosan Gerak Kerja, Cacat Produksi, Waktu Tunggu, Transportasi Tidak Efisien/Efektif.

Alokasi Waktu

Kompetensi Dasar	Alokasi Waktu	Penilaian
Workshop Bussiness Process (6 Service Process Workshop)	3 Days 1 Day : In Class Training 1 Day :Role Play 1 Day : Papers Presentation + Discussion	1. Theory Test 2. Reporting 3. Paper Task 4. Presentation 5. Team Work 6. Class Activity
Human Resources (Peran & Tanggung Jawab Kepala Bengkel)	2 Days 1 Day : Theory in Classroom 1 Day : Paper Presentation + Discussion	1. Theory Test 2. Reporting 3. Paper Task 4. Presentation 5. Team Work 6. Class Activity
Workshop Operation, KPI (Result, Process, CS & Finance)	3 Days 1 Day : Theory In Class 1 Day : Reporting, Analyze, & Case Studi 1 Day : Papers Presentation	1. Theory Test 2. Reporting 3. Paper Task 4. Presentation 5. Team Work 6. Class Activity

Alokasi Waktu

Kompetensi Dasar	Alokasi Waktu	Penilaian
Part & Warehouse (Inventory System & Sistem Pergudangan)	2 Days 1 Day : Theory in Classroom 1 Day : Papers Presentation + Discussion	1. Theory Test 2. Reporting 3. Paper Task 4. Presentation 5. Team Work 6. Class Activity
Customer Retention Activity (Maintenance Reminder System, Pengelolaan suara Pelanggan, Pengelolaan Komplain Pelanggan)	4 Days 2 Days : Theory in Classroom 2 Days : Papers Presentation + Discussion	1. Theory Test 2. Reporting 3. Paper Task 4. Presentation 5. Team Work 6. Class Activity
Kaizen (Kaizen Basic, 7 Muda)	4 Days 1.5 Days : Theory in Classroom 0.5 Day : "Kaizen Methodology" Exercise Case Study 2 Days : Presentation + Discussion	1. Theory Test 2. Reporting 3. Paper Task 4. Presentation 5. Team Work 6. Class Activity

Rekapitulasi

- Workshop Operation 8 hari
- Spare parts 2 hari
- Customer Retension Activity 4 hari
- Kaizen 4 hari

- Total 18 hari

@ 7 jam/ hari

Dilaksanakan sistem Blok

Job Training (Laporan KP & TA)

Penyetaraan dengan Kurikulum TI

- Disetarakan dengan:

– KP	2 sks
– Usulan Penelitian	2 sks
– Tugas Akhir	4 sks
– MK Pilihan 1	3 sks
– MK Pilihan 2	3 sks
– MK Pilihan 3	3 sks
– MK Pilihan 4	3 sks

Total 20 sks

- MK Pilihan Gasal : Manajemen Strategis, Teknik Keandalan dan Perawatan, Perancangan Alat Bantu
- MK Pilihan Genap: CAD/CAM, Analisis Kinerja Perusahaan