

Tuliskan peralatan utama yang digunakan di laboratorium (tempat praktikum, bengkel, studio, ruang simulasi, rumah sakit, puskesmas/balai kesehatan, *green house*, lahan untuk pertanian, dan sejenisnya) yang dipergunakan dalam proses pembelajaran di jurusan/fakultas dengan mengikuti format tabel berikut:

| No. | Nama Laboratorium | Jenis Peralatan Utama              | Jumlah Unit | Kepemilikan |     | Kondisi |               | Rata-rata Waktu Penggunaan (jam/minggu) |
|-----|-------------------|------------------------------------|-------------|-------------|-----|---------|---------------|-----------------------------------------|
|     |                   |                                    |             | SD          | SW  | Terawat | Tidak Terawat |                                         |
| (1) | (2)               | (3)                                | (4)         | (5)         | (6) | (7)     | (8)           | (9)                                     |
| 1   | Labor Motor Bakar | Engine Stand Toyota Innova EFI     | 1           | √           |     | √       |               | 18 jam                                  |
|     |                   | Engine Stand Mitsubishi Lancer EFI | 1           | √           |     | √       |               | 18 jam                                  |
|     |                   | Engine Syand Toyota Soluna EFI     | 2           | √           |     | √       |               | 18 jam                                  |
|     |                   | Engine Stand Daihatsu              | 1           | √           |     | √       |               | 18 jam                                  |
|     |                   | Engine Stand Toyota Soluna         | 1           | √           |     | √       |               | 18 jam                                  |
|     |                   | Engine Stand Toyota Kijang 7 K     | 1           | √           |     | √       |               | 18 jam                                  |
|     |                   | Engine Stand Motor Bensin          | 12          | √           |     | √       |               | 18 jam                                  |
|     |                   | Engine Stand Motor Diesel          | 5           | √           |     | √       |               | 24 jam                                  |
|     |                   | Engine Stand Motor Diesel Yanmar   | 6           | √           |     | √       |               | 24 jam                                  |
|     |                   | Cylinder bore gauge                | 3           | √           |     | √       |               | 24 jam                                  |
|     |                   | Outside Micrometer 0-25mm          | 3           | √           |     | √       |               | 24 jam                                  |
|     |                   | Outside Micrometer 25-50mm         | 5           | √           |     | √       |               | 24 jam                                  |
|     |                   | Outside Micrometer 50-75mm         | 5           | √           |     | √       |               | 24 jam                                  |
|     |                   | Outside Micrometer 75-100mm        | 4           | √           |     | √       |               | 24 jam                                  |
|     |                   | Jangka Sorong                      | 10          | √           |     | √       |               | 24 jam                                  |
|     |                   | Kunci Moment                       | 5           | √           |     | √       |               | 24 jam                                  |
|     |                   | Sepeda Motor                       | 10          | √           |     | √       |               | 24 jam                                  |
|     |                   | Model of Two Stroke Engine         | 1           | √           |     | √       |               | 8 jam                                   |
|     |                   | Model Car diesel engine            | 1           | √           |     | √       |               | 8 jam                                   |
|     |                   | Model gasoline engine              | 1           | √           |     | √       |               | 8 jam                                   |
|     |                   | Reamer set                         | 1           | √           |     | √       |               | 8 jam                                   |
|     |                   | Head light Tester                  | 2           | √           |     | √       |               | 8 jam                                   |
|     |                   | Stand Sistem Penerangan            | 5           | √           |     | √       |               | 18 jam                                  |

| (1) | (2)                       | (3)                                          | (4) | (5) | (6) | (7) | (8) | (9)    |
|-----|---------------------------|----------------------------------------------|-----|-----|-----|-----|-----|--------|
|     |                           | Battery Charger                              | 2   | √   |     | √   |     | 18 jam |
|     |                           | Simulator Sistem EFI                         | 1   | √   |     | √   |     | 18 jam |
|     |                           | Genset yanmar TF 105 MR-di                   | 1   | √   |     | √   |     | 8 jam  |
|     |                           | AVO meter digital                            | 6   | √   |     | √   |     | 18 jam |
|     |                           | Thermometer Digital                          | 3   | √   |     | √   |     | 18 jam |
|     |                           | Diagnostic analyzer function/dweel           | 6   | √   |     | √   |     | 24 jam |
|     |                           | Radiator cup tester                          | 2   | √   |     | √   |     | 8 jam  |
|     |                           | Engine Robbin 2 tak                          | 5   | √   |     | √   |     | 8 jam  |
|     |                           | Stand sistem bahan bakar diesel              | 1   | √   |     | √   |     | 12 jam |
|     |                           | Honing Machine                               | 1   | √   |     | √   |     | 8 jam  |
|     |                           | Test bench motor stater & alternator         | 1   | √   |     | √   |     | 8 jam  |
|     |                           | Valve grinding Machine                       | 1   | √   |     | √   |     | 8 jam  |
|     |                           | Engine cutting model 4 silinder              | 1   | √   |     | √   |     | 8 jam  |
|     |                           | Clutch Plate Remover & Installer AC          | 1   | √   |     | √   |     | 18 jam |
|     |                           | Pompa Vacuum Refrigerant AC                  | 2   | √   |     | √   |     | 18 jam |
|     |                           | Tool Set AC                                  | 1   | √   |     | √   |     | 18 jam |
|     |                           | Refrigerant Leak Detector                    | 1   | √   |     | √   |     | 18 jam |
|     |                           | Simulator Sistem pengapian, pengisian dan AC | 3   | √   |     | √   |     | 18 jam |
|     |                           | Simulator AC                                 | 6   | √   |     | √   |     | 18 jam |
|     |                           | Ultrasonic Thickness                         | 1   | √   |     | √   |     | 8 jam  |
|     |                           | Super Scanner                                | 3   | √   |     | √   |     | 8 jam  |
|     |                           | Handheld Engine Analyzer                     | 3   | √   |     | √   |     | 8 jam  |
|     |                           | Engine Stand Common Rail                     | 1   | √   |     | √   |     | 8 jam  |
| 2   | Labor Pengujian Kendaraan | Smoke Tester                                 | 1   | √   |     | √   |     | 12 jam |
|     |                           | Auto Scanner JBT                             | 1   | √   |     | √   |     | 12 jam |
|     |                           | Osiloskop                                    | 1   | √   |     | √   |     | 4 jam  |
|     |                           | Scan Tools                                   | 1   | √   |     | √   |     | 12 jam |
|     |                           | Four Gas Analyzer                            | 1   | √   |     | √   |     | 12 jam |
|     |                           | Injector Cleaner and Analyzer                | 1   | √   |     | √   |     | 12 jam |
|     |                           | Test Bench Injection Pump                    | 1   | √   |     | √   |     | 12 jam |

| (1) | (2)                    | (3)                                                                   | (4) | (5) | (6) | (7) | (8) | (9)    |
|-----|------------------------|-----------------------------------------------------------------------|-----|-----|-----|-----|-----|--------|
|     |                        | Injector/nozzle Tester                                                | 1   | √   |     | √   |     | 12 jam |
|     |                        | Nozzle Cleaner                                                        | 1   | √   |     | √   |     | 12 jam |
|     |                        | Car Lift                                                              | 1   | √   |     | √   |     | 12 jam |
|     |                        | Brake Tester                                                          | 1   | √   |     | √   |     | 12 jam |
|     |                        | Fuel Injector Pressure Kit                                            | 1   | √   |     | √   |     | 12 jam |
|     |                        | Profesional Digital Advance Timing Light                              | 1   | √   |     | √   |     | 12 jam |
|     |                        | Inductive Timing Advance tester                                       | 1   | √   |     | √   |     | 12 jam |
|     |                        | Profesional Digital Advance Timing Light                              | 1   | √   |     | √   |     | 12 jam |
|     |                        | Diesel Timing Ligth                                                   | 1   | √   |     | √   |     | 12 jam |
|     |                        | Petrol Timing Ligth                                                   | 1   | √   |     | √   |     | 12 jam |
|     |                        | Pengukur Tekanan oli                                                  | 1   | √   |     | √   |     | 12 jam |
|     |                        | Vacum tester                                                          | 1   | √   |     | √   |     | 12 jam |
|     |                        | Engine Analyzer                                                       | 1   | √   |     | √   |     | 12 jam |
|     |                        | Mobil Toyota Innova                                                   | 1   | √   |     | √   |     | 12 jam |
|     |                        | Mobil Toyota Avanza                                                   | 1   | √   |     | √   |     | 12 jam |
|     |                        | Compresi tester motor bensin                                          | 1   | √   |     | √   |     | 12 jam |
|     |                        | Compresi tester motor diesel                                          | 1   | √   |     | √   |     | 12 jam |
|     |                        | Fuel pressure tester                                                  | 1   | √   |     | √   |     | 12 jam |
|     |                        | Pneumatic Trainer                                                     | 1   | √   |     | √   |     | 12 jam |
|     |                        | Fluid Power Simulation Software                                       | 1   | √   |     | √   |     | 12 jam |
|     |                        | Commercial Vehicles Diesel Engine Compression Tester Kit              | 2   | √   |     | √   |     | 8 jam  |
|     |                        | Commercial Marine and Industrial Diesel Engine Compression Tester Kit | 1   | √   |     | √   |     | 8 jam  |
| 3   | Sistem Pemindah Tenaga | Simulator Power steering                                              | 1   | √   |     | √   |     | 18 jam |
|     |                        | Pneumatic Impact Wrench                                               | 1   | √   |     | √   |     | 18 jam |
|     |                        | Tyre Charger                                                          | 1   | √   |     | √   |     | 18 jam |
|     |                        | Bearing Puller Kit                                                    | 1   | √   |     | √   |     | 18 jam |
|     |                        | Brake Pressure Kit                                                    | 1   | √   |     | √   |     | 18 jam |
|     |                        | Puller Kit                                                            | 1   | √   |     | √   |     | 18 jam |

| (1) | (2)                       | (3)                          | (4) | (5) | (6) | (7) | (8) | (9)    |
|-----|---------------------------|------------------------------|-----|-----|-----|-----|-----|--------|
|     |                           | Puller Set                   | 1   | √   |     | √   |     | 18 jam |
|     |                           | Pompa Oli Gardan Manual      | 1   | √   |     | √   |     | 18 jam |
|     |                           | Dongkrak hidrolik            | 1   | √   |     | √   |     | 18 jam |
|     |                           | Air Brake System model       | 1   | √   |     | √   |     | 18 jam |
|     |                           | Model of Steering system     | 1   | √   |     | √   |     | 18 jam |
|     |                           | Model of Disk Brake          | 1   | √   |     | √   |     | 18 jam |
|     |                           | Wheel Balancer               | 1   | √   |     | √   |     | 18 jam |
|     |                           | Transmisi manual             | 6   | √   |     | √   |     | 18 jam |
|     |                           | Differensial                 | 6   | √   |     | √   |     | 18 jam |
|     |                           | Model Sistem Rem             | 2   | √   |     | √   |     | 18 jam |
|     |                           | Model Trans axle             | 2   | √   |     | √   |     | 18 jam |
|     |                           | Stand Power Steering         | 3   | √   |     | √   |     | 18 jam |
|     |                           | Stand Differensial           | 2   | √   |     | √   |     | 18 jam |
|     |                           | Automatic Transmission model | 2   | √   |     | √   |     | 18 jam |
|     |                           | Toe in & Toe out tester      | 1   | √   |     | √   |     | 18 jam |
|     |                           | Camber Caster gauge          | 2   | √   |     | √   |     | 18 jam |
|     |                           | Turning Radius               | 2   | √   |     | √   |     | 18 jam |
|     |                           | Spring Scale                 | 2   | √   |     | √   |     | 18 jam |
|     |                           | Wheel Balancer               | 1   | √   |     | √   |     | 18 jam |
|     |                           | Alignment Technology         | 1   | √   |     | √   |     | 18 jam |
|     |                           | Tyre Changer Semi Automatic  | 1   | √   |     | √   |     | 18 jam |
|     |                           | Hydraulic Garage Jack        | 1   | √   |     | √   |     | 18 jam |
| 4   | Labor Body dan Pengecatan | Infrared paint dryer         | 1   | √   |     | √   |     | 18 jam |
|     |                           | Ragum Kerja Bangku           | 20  | √   |     | √   |     | 18 jam |
|     |                           | Mesin Bor                    | 2   | √   |     | √   |     | 18 jam |
|     |                           | Las Listrik                  | 2   | √   |     | √   |     | 18 jam |
|     |                           | Las Asetilin                 | 2   | √   |     | √   |     | 18 jam |
|     |                           | Kompresor Udara              | 3   | √   |     | √   |     | 18 jam |
|     |                           | Spray Gun                    | 6   | √   |     | √   |     | 18 jam |
|     |                           | Model power windows          | 4   | √   |     | √   |     | 18 jam |

| (1) | (2)             | (3)                           | (4) | (5) | (6) | (7) | (8) | (9)    |
|-----|-----------------|-------------------------------|-----|-----|-----|-----|-----|--------|
|     |                 | Sander Machine                | 3   | √   |     | √   |     | 18 jam |
|     |                 | Dolly                         | 5   | √   |     | √   |     | 18 jam |
|     |                 | Las mig                       | 1   | √   |     | √   |     | 18 jam |
|     |                 | Body Spoon                    | 5   | √   |     | √   |     | 18 jam |
|     |                 | Las spot                      | 1   | √   |     | √   |     | 18 jam |
|     |                 | Mobil Sujuki Jimmy            | 1   | √   |     | √   |     | 18 jam |
|     |                 | Mobil Toyota Hiace            | 1   | √   |     | √   |     | 18 jam |
|     |                 | Mobil Toyota Corona           | 1   | √   |     | √   |     | 18 jam |
|     |                 | Mobil datsun pick up          | 1   | √   |     | √   |     | 18 jam |
|     |                 | Body cover set                | 1   | √   |     | √   |     | 18 jam |
|     |                 | Pistol Hopper Gun             | 1   | √   |     | √   |     | 18 jam |
|     |                 | Paint Sprayer                 | 2   | √   |     | √   |     | 18 jam |
|     |                 | Spray Gun Set                 | 4   | √   |     | √   |     | 18 jam |
|     |                 | Mig/Mag Welding               | 1   | √   |     | √   |     | 18 jam |
| 5   | Labor Ototronic | Fiber Sensor                  | 5   | √   |     | √   |     | 18 jam |
|     |                 | Proximity Sensor (Capasitive) | 3   | √   |     | √   |     | 18 jam |
|     |                 | Photo Sensor                  | 2   | √   |     | √   |     | 18 jam |
|     |                 | Proximity Sensor              | 4   | √   |     | √   |     | 18 jam |
|     |                 | Oscilloscope                  | 1   | √   |     | √   |     | 18 jam |
|     |                 | Microcontroller               | 6   | √   |     | √   |     | 18 jam |
|     |                 | Digital Clamp Meter           | 1   | √   |     | √   |     | 18 jam |
|     |                 | Solder Pembukak Timah         | 2   | √   |     | √   |     | 18 jam |
|     |                 | Solder Colokan Picak          | 3   | √   |     | √   |     | 18 jam |
|     |                 | Hot Melt Glue Gun             | 1   | √   |     | √   |     | 18 jam |
|     |                 | Tang Long Nose                | 1   | √   |     | √   |     | 18 jam |
|     |                 | Pelobang Kertas Kecil         | 1   | √   |     | √   |     | 18 jam |
|     |                 | Gunting                       | 1   | √   |     | √   |     | 18 jam |
|     |                 | Timah 1 mm                    | 1   | √   |     | √   |     | 18 jam |
|     |                 | Obeng Set                     | 4   | √   |     | √   |     | 18 jam |
|     |                 | Lakban                        | 1   | √   |     | √   |     | 18 jam |

|  |  |                                                   |    |   |  |   |  |        |
|--|--|---------------------------------------------------|----|---|--|---|--|--------|
|  |  | Solder                                            | 5  | √ |  | √ |  | 18 jam |
|  |  | Stand Solder                                      | 11 | √ |  | √ |  | 18 jam |
|  |  | Simulator avanza                                  | 1  | √ |  | √ |  | 18 jam |
|  |  | Trainer knocking sensor                           | 1  | √ |  | √ |  | 18 jam |
|  |  | Alat penyemprot lantai                            | 1  | √ |  | √ |  | 18 jam |
|  |  | Rangkaian box osiloskop                           | 1  | √ |  | √ |  | 18 jam |
|  |  | Injector cleaner                                  | 1  | √ |  | √ |  | 18 jam |
|  |  | Trainer body elektrikal                           | 1  | √ |  | √ |  | 18 jam |
|  |  | Simulator ac Panasonic                            | 1  | √ |  | √ |  | 18 jam |
|  |  | Alat klem selang pipa ac                          | 1  | √ |  | √ |  | 18 jam |
|  |  | Ragum 4 inch tekiro                               | 1  | √ |  | √ |  | 18 jam |
|  |  | Dongkrak buaya 1,5 ton                            | 1  | √ |  | √ |  | 18 jam |
|  |  | Oil can                                           | 1  | √ |  | √ |  | 18 jam |
|  |  | Gergaji Besi                                      | 1  | √ |  | √ |  | 18 jam |
|  |  | Kunci T                                           | 4  | √ |  | √ |  | 18 jam |
|  |  | Mistar Baja                                       | 1  | √ |  | √ |  | 18 jam |
|  |  | Obeng Plus                                        | 1  | √ |  | √ |  | 18 jam |
|  |  | Kunci Ring                                        | 1  | √ |  | √ |  | 18 jam |
|  |  | Kunci Pas Ring                                    | 1  | √ |  | √ |  | 18 jam |
|  |  | Palu Besi                                         | 1  | √ |  | √ |  | 18 jam |
|  |  | Palu Plastik                                      | 1  | √ |  | √ |  | 18 jam |
|  |  | Kunci Busi                                        | 2  | √ |  | √ |  | 18 jam |
|  |  | Pisau Cutter                                      | 1  | √ |  | √ |  | 18 jam |
|  |  | Tang                                              | 5  | √ |  | √ |  | 18 jam |
|  |  | Simulator power window                            | 1  | √ |  | √ |  | 18 jam |
|  |  | Simulator ac penggerak engine motor               | 2  | √ |  | √ |  | 18 jam |
|  |  | Simulator sistem pengapian ,pengisian dan starter | 1  | √ |  | √ |  | 18 jam |
|  |  | Trainer sistem pengapian transistor               | 2  | √ |  | √ |  | 18 jam |
|  |  | Trainer body electrical                           | 2  | √ |  | √ |  | 18 jam |
|  |  | Manifold gauge imperial                           | 2  | √ |  | √ |  | 18 jam |

|   |                     |                         |    |   |  |   |  |        |
|---|---------------------|-------------------------|----|---|--|---|--|--------|
|   |                     | Manifold gauge krisbow  | 1  | √ |  | √ |  | 18 jam |
|   |                     | Komputer LENOVO CORE i5 | 25 | √ |  | √ |  | 18 jam |
|   |                     | papan tulis             | 1  | √ |  | √ |  | 18 jam |
|   |                     | meja chitose            | 25 | √ |  | √ |  | 18 jam |
|   |                     | meja kerja              | 1  | √ |  | √ |  | 18 jam |
|   |                     | proyektor EPSON         | 1  | √ |  | √ |  | 18 jam |
|   |                     | Screen view layar       | 1  | √ |  | √ |  | 18 jam |
|   |                     | Tirai jendela           | 12 | √ |  | √ |  | 18 jam |
|   |                     | cloud samrt switch      | 2  | √ |  | √ |  | 18 jam |
|   |                     | lampu penerangan        | 9  | √ |  | √ |  | 18 jam |
| 6 | Peralatan Pendukung | PC Computer             | 4  | √ |  | √ |  | 48 jam |
|   |                     | Meja Komputer dan Kursi | 4  | √ |  | √ |  | 48 jam |
|   |                     | Laptop                  | 20 | √ |  | √ |  | 48 jam |
|   |                     | LCD proyektor           | 9  | √ |  | √ |  | 36 jam |
|   |                     | Camera Digital          | 1  | √ |  | √ |  | 18 jam |
|   |                     | Printer                 | 8  | √ |  | √ |  | 24 jam |

Keterangan:

SD = Milik PT/fakultas/jurusan sendiri; SW = Sewa/Kontrak/Kerjasama/Hak Pakai.