



BILLING RATES - FY 20/21

DEPARTMENT NAME :

Automotive Engineering

VICE-PRESIDENT AREA :

College of Engineering, Computing, and Applied Sciences

| DESCRIPTION OF COMMODITY OR SERVICE : | UNIT OF BILLING | FY 20/21 RATE | CUSTOMERS BEING SERVED |
|--|--------------------|------------------|---------------------------|
| Chassis Dyno for NVH Work (Industry Rate) | \$/day | \$1,700.00 | Automotive Industry |
| Chassis Dyno for NVH Work (Faculty Rate) | \$/day | \$845.00 | Clemson Faculty |
| Chassis Dyno Only (Industry Rate) | \$/day | \$1,090.00 | Automotive Industry |
| Chassis Dyno Only (Faculty Rate) | \$/day | \$750.00 | Clemson Faculty |
| Anechoic Chamber Only (Industry Rate) | \$/day | \$780.00 | Automotive Industry |
| Anechoic Chamber Only (Faculty Rate) | \$/day | \$235.00 | Clemson Faculty |
| 7-Poster MTS Road Simulator (Industry Rate) | \$/day | \$4,500.00 | Automotive Industry |
| 7-Poster MTS Road Simulator (Faculty Rate) | \$/day | \$840.00 | Clemson Faculty |
| 4-Poster MTS Road Simulator (Industry Rate) | \$/day | \$3,000.00 | Automotive Industry |
| 4-Poster MTS Road Simulator (Faculty Rate) | \$/day | \$840.00 | Clemson Faculty |
| Weiss Environmental Chamber (Industry Rate) | \$/day | \$1,500.00 | Automotive Industry |
| Weiss Environmental Chamber (Faculty Rate) | \$/day | \$440.00 | Clemson Faculty |
| FEV Engine Dyno (Industry Rate) | \$/day | \$1,200.00 | Automotive Industry |
| FEV Engine Dyno (Faculty Rate) | \$/day | \$440.00 | Clemson Faculty |
| Data Acquisition Instrumentation (Industry Rate) | \$/day | \$200.00 | Automotive Industry |



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| Data Acquisition Instrumentation (Faculty Rate) | \$/day | \$60.00 | Clemson Faculty |
| NVH Measurement/Analysis System (Industry Rate) | \$/day | \$200.00 | Automotive Industry |
| NVH Measurement/Analysis System (Faculty Rate) | \$/day | \$60.00 | Clemson Faculty |
| ETS Lindgren EMC Testing Chamber (Faculty Rate) | \$/day | \$440.00 | Clemson Faculty |
| ETS Lindgren EMC Testing Chamber (Industry Rate with Operator, Full Day) | \$/day | \$1,200.00 | Other External Industry |
| ETS Lindgren EMC Testing Chamber (Industry Rate w/o Operator, Full Day) | \$/day | \$850.00 | Other External Industry |
| ETS Lindgren EMC Testing Chamber (Industry Rate with Operator, 1/2 Day) | \$/day | \$600.00 | Other External Industry |
| Machining manual | \$/hr | \$55.00 | Automotive Industry/Government/Other external entities |
| Machining CNC | \$/hr | \$65.00 | Automotive Industry/Government/Other external entities |
| Machining EDM | \$/hr | \$90.00 | Automotive Industry/Government/Other external entities |
| Electronics Technical Services, Design/Layout/Fabrication | \$/hr | \$83.00 | Automotive Industry/Other external entities |
| Electronics Technical Services, Design/Layout/Fabrication | \$/hr | \$38.40 | Clemson Faculty/Government |
| Engineering Services Design/Layout/test planning/data collection/Analysis | \$/hr | \$115.00 | Automotive Industry/Other external entities |
| Engineering Services Design/Layout/test planning/data collection/Analysis | \$/hr | \$57.50 | Clemson Faculty/Government |
| Mechanical Technician Services, Design/layout/fabrication | \$/hr | \$83.00 | Automotive Industry/Other external entities |



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| Mechanical Technician Services, Design/ layout/fabrication | \$/hr | \$38.40 | Clemson Faculty/Government |
| Instron Machine (Industry Rate) | \$/day | \$200.00 | Automotive Industry |
| Instron Machine (Faculty Rate) | \$/day | \$50.00 | Clemson Faculty |
| Battery Cell Testing (Industry Rate) | \$/day | \$150.00 | Automotive Industry |
| Battery Cell Testing (Faculty Rate) | \$/day | \$40.00 | Clemson Faculty |
| Powertrain Dyno (Industry Rate) | \$/day | \$1,900.00 | Automotive Industry |
| Powertrain Dyno (Faculty Rate) | \$/day | \$1,000.00 | Clemson Faculty |
| Darrah Power Supply (Industry Rate) | \$/day | \$610.00 | Automotive Industry |
| Darrah Power Supply (Faculty Rate) | \$/day | \$60.00 | Clemson Faculty |