

TECHNICIAN SCHEDULING

Mechanic to Vehicle Ratio

Each vehicle maintenance program must decide upon the level of service to maintain to meet the needs of the pupil transportation operations. In the state of Michigan the ratio of technicians to buses is 1:18. There is no mandate for technicians to be certified however state or ASE certification not only gives the technician credibility but also decreases the operator's liability. The following considerations should be taken into account when determining the schedules for the technicians:

1. Never schedule a technician to work a second or third shift alone. The risk is too high that an injury may occur without anyone else being around.
2. Schedule the technicians to meet the needs of the fleet availability. For instance, if all the buses are on the road from 6:30 – 9:00 a.m. schedule minimal staff at that time so that technicians can work their hours and not waste time waiting for a bus.
3. A technician should be scheduled from the time the first bus goes out on a route until the last bus is parked after the route.

A suggested scheduling of technicians is listed herein by size of fleet:

Small Fleets - (1-24 buses)

1.5 Technicians	
Fulltime	6:00 a.m. - 3:00 p.m. (1 hour lunch)
Part-time	1:00 - 5:00 p.m. (no meal break)

Medium Fleets - (25-99 buses)

1.5 - 5.5 Technicians	
First Shift	6:00 a.m. - 3:00 p.m. (1 hour lunch)
Second Shift	2:30 - 11:30 p.m. (1 hour meal)

Large Fleets - (100 - 250 buses)

6 - 12 Technicians	
First Shift	5:30 a.m. - 2:30 p.m. (1 hour lunch)
Second Shift	2:00 - 11:00 p.m. (1 hour meal)
Third Shift	10:30 p.m. - 7:30 a.m. (1 hour meal)

Giant Fleets - (251 - > buses)

12 - ? Technicians	
Shift scheduled same as for the Large Fleets	