



IE453 Facilities Planning

Ch4 PERSONNEL REQUIREMENTS

- 4.4 A parking lot is to be 400 feet wide and 370 feet deep. How many standard-sized cars fit in this lot?
- 4.5 Locate a rectangular or near-rectangular parking lot in your campus or office complex. Using the same parameters as much as possible (i.e., same ratio of compact to standard cars, same fraction of handicapped parking stalls, etc.), determine if you can increase the number of parking spaces by redesigning the lot. If the stall width used in the lot does not appear in Table 4.1, use the closest stall width from Table 4.1 in your calculations.