Consider a permutation \( \pi \) of length \( n \); we say that a permutation \( \pi' \) of length \( n + 1 \) covers this permutation if \( \pi \) is contained as a subpattern of \( \pi' \). Existing research gives us bounds on the order \( m \) of a minimal set of permutations of size \( n + 1 \) necessary to cover all permutations of size \( n \). We extend this research to the general case where \( \pi' \) is of length \( n + k \) for a natural number \( k \) and present bounds on the order of a minimal set of permutations necessary to cover \( \lambda \geq 1 \) times every permutation of size \( n \). We also present preliminary results on the problem of embedding permutations of length \( n \) in permutations of length \( n + 1 \). (Received August 29, 2013)