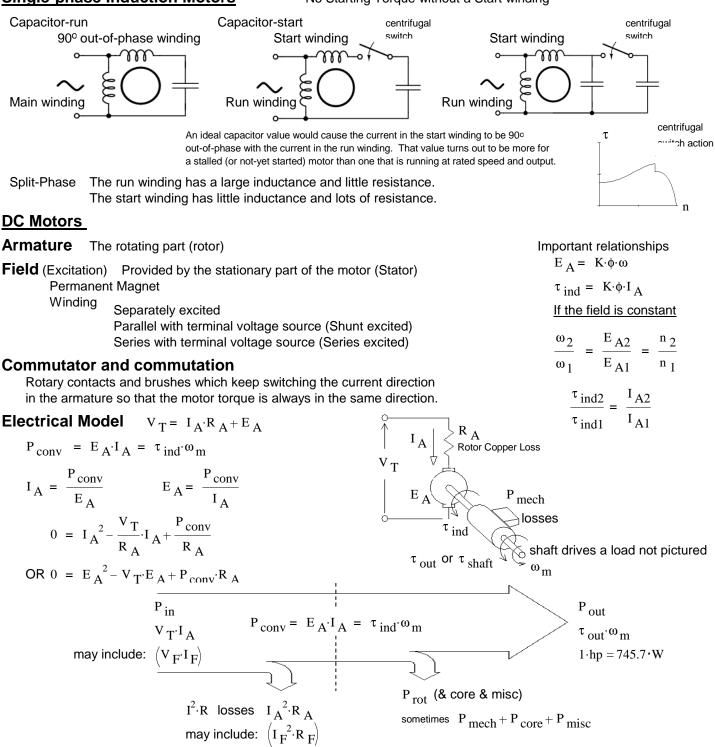
## ECE 3600 Exam 3 Information

You may write more on this sheet. You may also use Exam 1 & 2 Information sheets

## Single-phase Induction Motors

No Starting Torque without a Start winding



## Mechanical Loads and losses $P = \tau \cdot \omega_m$

## Nameplate Operation

The Nameplate gives the rated Voltage, Current(s), Speed and output Power (often as horsepower, hp).  $1 \cdot hp = 745.7 \cdot W$ This is considered full-load operation.

