

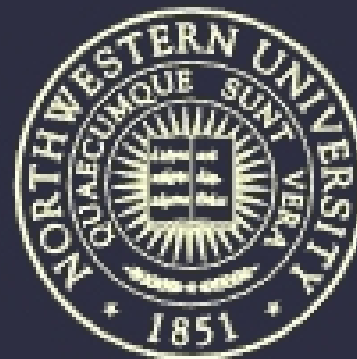
# Introduction to Computer Engineering – EECS 203

<http://ziyang.eecs.northwestern.edu/~dickrp/eecs203/>

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# Outline

1. Unate covering within the Quine–McCluskey method
2. Homework

# Review: Quine–McCluskey two-level logic minimization

- Compute prime implicants with a well-defined algorithm
  - Start from minterms
  - Merge adjacent implicants until further merging impossible
- Select minimal cover from prime implicants
  - Unate covering problem
- What is happening?
  - $ab + a\bar{b} = a$