

*The* UNIVERSITY of NORTH CAROLINA at CHAPEL HILL

**Comp 541 Digital Logic and Computer Design**

Fall 2014

**Homework #2: Sequential Logic**

*Issued Mon 9/29/14; Due Mon 10/6/14 (hardcopy due in class)*

*Self-Study Questions (do not submit):* Textbook exercises 3.1, 3.5, 3.7, 3.9, 3.11, 3.17, 3.19, 3.21, 3.23, 3.25, 3.27 (state diagram and tables only), 3.33. and 3.35. Solutions: <http://booksite.elsevier.com/9780123944245>

*Exercises to be submitted:* Textbook exercises 3.2, 3.6, 3.8, 3.10, 3.18, 3.20, 3.22, 3.24 (skip Boolean expressions and gate-level implementation), 3.28 (state transition diagram only), 3.34, and 3.36.