How to cram for the exam

Tik-79.231 Parallel and distributed digital systems
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Below, listed are some of the fundamental concepts and techniques pertinent with the course. (Parenthesized items are unlikely to appear in the exam.)

- Labelled transition systems.
- Petri nets.
- P/T nets.
- Reachability graph.
- (Coverability graph.)
- Conflict.
- Confusion.
- Contact.
- Deadlock.
- Livelock.
- Complement place construct.
- Pr/T nets.
- Modelling algorithms with Pr/T nets.
- Temporal logics LTL.
- Specification of LTL properties.
- What LTL properties hold w.r.t. a net.
- Fairness.
- Incidence matrix.

- Place invariant.
- Solution of the steady state equation of a stochastic Petri net.
- (Process algebra CCS.)
- (CCS Syntax.)

In the exam, you don't have to know about the following:

- PROD syntax.
- PROD Reference Manual.
- Complexity of reachability analysis.
- On the relationship between Pr/T nets and P/T nets.
- Model checking with Büchi automata.
- Symmetry method ja stubborn sets.
- Recursion laws.