

4712 Lab Rules

Prelab:

- 1) Prelab must be completed **before lab** in order to get credit. Students who fail to complete prelab before their designated lab section can still work on the prelab (and other parts of the lab assignment) during lab. However, prelab points are set to zero and the student's questions concerning their prelab work are low priority to the residing TA. This is done to assure diligent students who complete the prelab get a fair amount of help from the TA.
- 2) Prelab is not required to be fully working when you arrive at lab, however the student must show that he or she has put forth a significant effort to complete the prelab work.
- 3) For each subsection of the prelab, an **annotated** simulation plot is adequate, unless otherwise stated, to get full credit on the prelab. If the simulation does not work correctly, describe why and give suggestions about why the problem exists.
- 4) Students must have **compiled** (without error) all relevant VHDL code for full prelab credit. A printout of the VHDL code should be brought to lab.
- 5) Prelab will count as at least 30% of each lab grade. Partial credit will be given to a student who completes a fraction of the prelab subsections.

In lab:

- 1) **To get full credit** for a working lab, the lab must be completed by **the end of the student's assigned lab section**. Work shown to any TA after this point will receive no additional credit.
- 2) In lab work will count for up to 70% of each lab grade. Partial credit will be given to a student who complete a fraction of the In lab subsections.

Lab Report:

- 1) Not all labs will require lab reports. But the data from a given lab should be saved in case it is required in a subsequent lab report.
- 2) The lab report must contain relevant portions of each LSA waveform, LSA text, and all hand drawings must be included as well.
- 3) VHDL simulation is also normally part of the lab report.
- 4) All data **must be annotated** to describe key attributes of the data. Arrows and textboxes are recommended to promote clarity in annotation.
- 5) The lab report will generally be counted as a separately graded assignment (from the lab). If you do not complete a lab on time, you may complete it later (on your own, with no additional in-lab credit) in order to get the necessary data for full lab report credit.

Additional Information:

- 1) One lab may be dropped, **with the exception of the final lab**. This is done to assure that students are not penalized from a single non-documented event (sickness, plant trip, etc.). Any additional missed labs will be dealt with at Dr. Schwartz's discretion. Full documentation must be presented to Dr. Schwartz in such cases.
- 2) **All lab reports are required, whether you missed the corresponding lab or not.**