

ROBT 305 – EMBEDDED SYSTEMS

Fall Semester 2015

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REFERENCES

- P.A. Laplante, S.J. Ovaska “Real-Time Systems and Analysis: Tools for Practitioner”.
- A. Silberscharts, P. Galvin «Operating System Concepts», 9th edition.

DUE TIME AND DATE

- 11.55 pm on 18 October, 2015 (Sunday)

LEVEL OF COLLABORATION ALLOWED

You will be working individually on this assignment (tasks 1-3) and in groups (tasks 4, 5).

DELIVERABLES REQUIRED

- Written report in MS Word submitted to Moodle system in electronic format.

ASSIGNMENT DETAILS

1. Laplante textbook, Ch. 3, pp.144-145, Exs. 3.5, 3.13, 3.16, 3.18
2. Laplante text book, Ch. 7, pp.413-414, Exs. 7.4, 7.5, 7.7.
3. Operating System Concepts textbook by A. Silberschatz, et al. Ch.5, pp. 247-249, Exs. 5.8, 5.12, 5.22
4. Complete Laboratory #3 (available in Moodle) using BeagleBone Black boards and include screenshots of your lab tasks.
5. Complete Laboratory #4 (available in Moodle) using BeagleBone Black boards and include program code and output screenshots of your lab tasks.