

Reading Advice for EDAN26 Multicore Programming

The relative importance of each part of the book for the exam is rated as follows:

3 Everyone should understand this.

4 Advanced.

5 More advanced.

J You are supposed to know this from Java but I will not ask about details but it may be useful to know.

R Reference: read it if you need it but I will not ask about details.

S Skip it for the EDAA25 exam.

Page numbers refer to *Writing Efficient C Code: A Thorough Introduction* by Skeppstedt and Söderberg, ISBN 978-1530414154 (printed at Amazon from 2016).

| Pages | Importance | Description |
|-----------|------------|---|
| 181 – 199 | 3 | But not "Write atomicity in update protocols" and not Section 5.6 |
| 199 – 207 | 4 | Rest of Chapter 5 |
| 199 – 207 | 5 | Details of instructions but unlikely I will ask about this |
| 245 – 248 | 3 | Helgrind |
| 300 – 310 | 5 | Sections 7.17 and 7.18 |
| 691 – 710 | 3 | Pthreads |
| 711 – 722 | 4 | OpenMP |