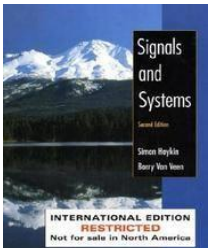
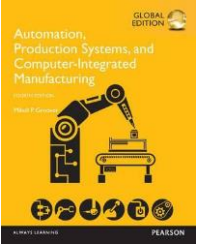



**List of Coursebooks - Bachelor's Degree Programme – 5<sup>th</sup> Semester  
Faculty of Engineering and Information Technology, Department of Mechatronics  
Engineering – 2021/2022**

|   | <b>Subject</b>                         | <b>Book</b>   | <b>Notes</b>        | <b>Notes</b>                |
|---|--|---|---------------------|-----------------------------|
|    | Kynematics & Dynamics                  | Mechanics for engineers : dynamics, 14e<br>Hibbeler<br>Pearson<br>ISBN 9781292088723                          | Rp. 558.000         | Adopted since April 2016    |
|    | Mechatronics<br>Modelling & Simulation | Robotics, vision and control: fundamental algorithms in MATLAB, 2e<br>Corke<br>Springer<br>ISBN 9783319544120 | Available on demand | Adopted since November 2016 |
|   |  | Robot Modeling and Control, 2e<br>Spong<br>John Wiley<br>ISBN 9781119523994                                   | Rp. 747.000         | Adopted since April 2017    |
|  | Hydraulics                             | Text book hydraulics and electrohydraulics<br>FESTO Work Book TP501, TP502                                    | Available on demand | Adopted since 2000          |
|  | Signals & Systems                      | Signals and systems, 2e<br>Haykin<br>John Wiley<br>ISBN 9780471378518   | Rp. 778.500         | Adopted since April 2016    |
|   | Mechatronics System Design 1           | Handout & Project   |                     | Used since April 2016       |

|   |  |   |                               |                                    |
|---|--|---|-------------------------------|------------------------------------|
|  | <p>Manufacturing Automation 1</p>  | <p>Automation, production system &amp; computer integrated, 4e Groover Pearson ISBN 9781292076119</p>             | <p>Rp. 495.000</p>            | <p>Adopted since April 2016</p>    |
|   | <p>Mechanical Design Principles in Automation<br/><b>[Elective Course]</b></p> | <p>Handout and project</p>  |                               | <p>Adopted since 2020</p>          |
|   | <p>Professional English 2</p>  | <p>Handout</p>  |                               |                                    |
|  | <p>German Language &amp; Culture 4</p>   | <p>Berliner platz 2 Neu: Deutsch im Alltag/Lehr- und Arbeitsbuch CD's Lemcke Langenscheidt ISBN 9783126060691</p> | <p>AOD</p>                    | <p>Adopted since February 2014</p> |
| <p><b>Total</b></p>   |  |   | <p><b>Rp. 2.578.500,-</b></p> |                                    |