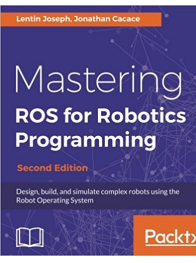
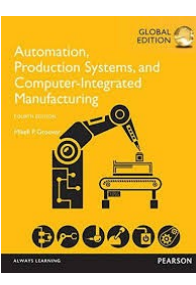
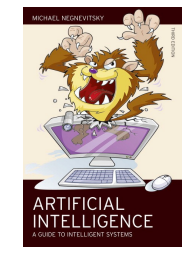
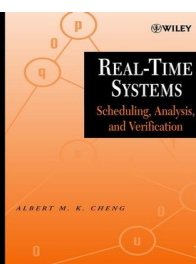
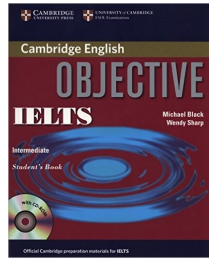
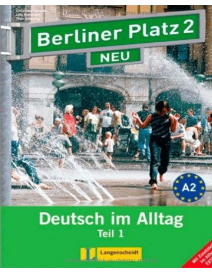


**List of Coursebooks - Bachelor's Degree Programme – 5th Semester
Faculty of Engineering and Information Technology, Department of Mechatronics
Engineering - 2018/2019**

	Subject	Book	Notes	Notes
	Kynematics & Dynamics	Mechanics for engineers : dynamics, 14e Hibbeler Pearson ISBN 9781292088723	Rp. 500.000	Adopted since April 2016
	Mechatronics Modelling & Simulation	Robotics, Vision and Control: Fundamental Algorithms in MATLAB (Springer Tracts in Advanced Robotics), 2e Corke Springer ISBN 9783319544120	Available on Demand	Adopted since November 2016
	Mechatronics Modelling & Simulation [Supplementary Book]	Robot Modeling and Control Spong John Wiley ISBN 9780471649908	Rp. 490.000	Adopted since April 2017
	Hydraulics	Text book hydraulics and electrohydraulics FESTO Work Book TP501, TP502	Available on Demand	Adopted since 2000
	Signals & Systems	Signals and systems, 2e Haykin John Wiley ISBN 9780471378518	Rp. 510.000	Adopted since April 2016

	Robot Operating System [Elective Course]	Learning ROS for Robotics Programming, 2e Fernandez Packt ISBN 9781783987580	Available on Demand	New course Adopted since April 2018
	Robot Operating System [Elective Course] [Supplementary]	Mastering ROS for Robotics Programming, 2e Joseph Packt ISBN 9781788478953	Available on Demand	New course Adopted since April 2018
	Mechatronics System Design 1	Handout & Project		Adopted since April 2016
	Manufacturing Automation 1	Automation, production system & computer integrated manufacturing, 4e Groover Pearson ISBN 9781292076119	Rp. 510.000	Adopted since April 2016
	Artificial Intelligence [Elective Course]	Artificial Intelligence: A Guide to Intelligent Systems, 3e Negnevitsky Pearson ISBN 9781408225745	Rp. 330.000	Adopted since April 2017
	Real Time System [Elective Course]	Real-Time Systems: Scheduling, Analysis, and Verification Cheng John Wiley ISBN 9780471184065	Available on Demand	Adopted since September 2007

	Professional English 2	Objective IELTS Intermediate Student's Book with CD ROM Black Cambridge ISBN 9780521608824	Continued from previous semester	Adopted since April 2016
	German Language & Culture 4	Berliner platz 2 Neu: Deutsch im Alltag/lehr-und arbeitsbuch CD's Lemcke Langenscheidt ISBN 9783126060394	Rp. 310.000	Adopted since February 2014
Total			Rp. 2.650.000,-	