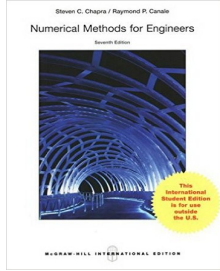
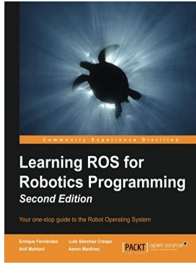
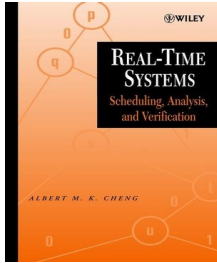



**List of Coursebooks - Bachelor's Degree Programme – 7<sup>th</sup> Semester  
Faculty of Engineering and Information Technology, Department of Mechatronics  
Engineering - 2018/2019**

	<b>Subject</b>	<b>Book</b>	<b>Notes</b>	<b>Approval/Notes</b>
	Numerical Methods	Numerical methods for engineers, 7e Chapra McGraw-Hill ISBN 9789814670876	Available on demand	New course Adopted since April 2018
	Robot Operating System <b>[Elective Course]</b>	Learning ROS for Robotics Programming, 2e Fernandez Packt ISBN 9781783987580	Available on demand	New course Adopted since April 2018
	Real Time System <b>[Elective Course]</b>	Real-Time Systems: Scheduling, Analysis, and Verification Cheng John Wiley ISBN 9780471184065	Continued from previous semester	Previously used in the 5 <sup>th</sup> Semester Adopted since September 2007
	Artificial Intelligence <b>[Elective Course]</b>	Artificial Intelligence: A Guide to Intelligent Systems, 3e Negnevitsky Pearson ISBN 9781408225745	Continued from previous semester	Previously used in the 5 <sup>th</sup> Semester Adopted since April 2017
	Mechatronics System Design 2	Handout & Project		Adopted since April 2015

	Digital Signal Processing	Learning OpenCV: Computer Vision with the OpenCV Library Bradski O'Reilly ISBN 9780596516130	Available on demand	Adopted since April 2017
	Electric Drives	Fitzgerald and Kingsley Electric Machinery, 7e Umans McGraw-Hill ISBN 9780071326469	Rp. 370.000	Adopted since September 2006
	Project Management	Project management: the managerial process, 6e Larson McGraw-Hill ISBN 9781259010705	Rp. 420.000	Adopted since September 2014
	Manufacturing Automation 2 <b>[Elective Course]</b>	Automation, production system & computer integrated manufacturing, 4e Groover Pearson ISBN 9781292076119	Continued from previous semester	Adopted since September 2008
	Mechatronics Project / Research Methodology	Handout		
	English for Academic Writing and International Tes Preparation	Handout		
<b>Total</b>			<b>Rp. 790.000,-</b>	