BUAD 5012 Competing Through Business Analytics – Professor Jim Bradley	
Text Book (required)	**Title:** *Automate This: How Algorithms Took Over Our Markets, Our Jobs, and the World* **Author:** Christopher Steiner **ISBN-10:** 1591846528 **ISBN-13:** 978-1591846529 **Link:** **Amazon**
Text Book (optional)	**Title:** *Storytelling with Data : A Data Visualization Guide for Business Professionals* **Author:** Cole Nussbaumer Knaflic **ISBN** 978-1119002253 **Link: Amazon**
BUAD 5072 Machine Learning 1 – Professor Pamela Schlosser	
Text Book	**Title:** *An Introduction to Statistical Learning with Applications in R* **Authors:** James, Witten, Hastie and Tibshirani **ISBN:** 978-1-4614-7137-0 **Link: Amazon**
BUAD 5272 Database Management – Professor Monica Tremblay	
Text Book	Please check back in July for new text book link
Software	In Blackboard, you will find tutorials and FAQs for each of these programs: **MySQL Server and Workbench** – will be used to learn structured query language. Learn you use the graphical user interface (GUI) **ERDPlus** – Will be used to create ER diagrams, relational schemas, and dimensional models (star schemas). **Alteryx** – is a platform that can help you prep, blend, and analyze Tableau – is a platform to visualize data
BUAD 5032 Stochastic Modeling – Professor Alejandro Gelves **BUAD 5022 Optimization – Professor Aaron Koehl**	
Text Book	**Title:** *Practical Management Science*, 6th ed. Cengage. 2019. **Authors:** Winston & Albright. https://www.cengage.co.uk/books/9781337406659/ Access codes not needed