

This course is developed to prepare engineering students with necessary data analytics skills for meeting emerging needs and opportunities in industry. This course will expose students to the data analytics and decision making practices executed in the engineering fields. Students will learn the principles and popular techniques in data analytics, such as regression analysis, classification models and model evaluation. In addition, how to use the data analytics techniques to inform decision making will be covered. Then students will gain the opportunities to practice and apply these techniques in solving real-world engineering problems through lab sessions and team project.

