DATA ANALYTICS

Learning Outcomes

1. COMMUNICATE Graduates will be able to effectively communicate technical knowledge, including ideas, data analysis, findings, or decision justification in written formats in a manner appropriate to the audience.

2. APPLY Graduates will be able to analyze large data sets to support data-driven decision making.

3. KNOW Graduates will demonstrate understanding of machine learning and statistical analysis techniques.

4. THINK Graduates will be able to discriminate between descriptive, diagnostic, predictive, and prescriptive analytics and the techniques used in each.

5. KNOW Graduates will demonstrate their understanding of technologies used to develop, optimize, and deploy large-scale databases.

6. PROFESSIONAL PRACTICE. Graduates will demonstrate knowledge of and ability to practice the professional standards of engineering and professional behavior.