COURSE SYLLABUS

# Analyst Applications Course (Self-Paced)

Put your analytical skills to the test by designing and presenting a full study plan grounded in data analysis and strategic recommendations.

> Group classes (Live Online) and onsite training are available for this course. For more information, email onsite@graduateschool.edu or visit: https://www.graduateschool.edu/courses/analyst-applications-course-self-paced




support@graduateschool.edu •
(888) 744-4723

## Course Outline

### Module 1: Review of Data Analysis and Data Presentation Methods

- Revisit core principles of quantitative and qualitative data analysis.
- Review effective data visualization techniques for clarity and impact.
- Understand how to tailor data presentations for different audiences.
- Identify best practices to ensure accuracy and consistency in reporting.

### Module 2: Case Study – A Defense Supply Center

- Analyze a real-world defense supply chain case study using analytical tools.
- Identify challenges and evaluate operational performance metrics.
- Develop actionable recommendations based on data-driven findings.

### Module 3: Review of How to Design an Analytical Study

- Reinforce the steps of planning and structuring an analytical study.
- Clarify research questions, data sources, and analysis methods.
- Integrate project planning, risk assessment, and stakeholder engagement.

### Module 4: Case Study – Bureau of Land Management Wild Horse and Burro Program

- Examine a government program through applied analysis techniques.
- Identify program performance issues using collected data.
- Formulate policy or operational recommendations based on findings.