



Western Technical College

10102217 Solution Analysis

Course Outcome Summary

Course Information

Description	Students will analyze elicited information to recommend a solution option. Emphasis will be placed on the student identifying appropriate costs and benefits, assessing the impact of a change, and conveying their recommended solution.
Career Cluster	Business Management and Administration
Instructional Level	Associate Degree Courses
Total Credits	2
Total Hours	36

Pre/Corequisites

Prerequisite 10102214 Communication Planning and Validation

Textbooks

Business Analysis and Leadership. Copyright 2013. Pullan, Penny and James Archer. Publisher: Kogan Page Ltd. **ISBN-13:** 978-0-7494-6862-0. Required.

Seven Steps to Mastering Business Analysis. 2nd Edition. Copyright 2020. Champagne, Jamie. Publisher: J. Ross Publishing, Inc. **ISBN-13:** 978-1-60427-160-7. Required.

PMI Guide to Business Analysis. Copyright 2017. Project Management Institute. Publisher: Independent Publishers Groups. **ISBN-13:** 978-1-62825-198-2. Optional.

Success Abilities

1. Live Responsibly: Embrace Sustainability

2. Live Responsibly: Foster Accountability

Program Outcomes

1. Perform elicitation, validation, and analysis of requirements to meet a business need
2. Build relationships with stakeholders
3. Demonstrate leadership throughout business analysis efforts
4. Demonstrate professional communication in a business environment

Course Competencies

1. Support a necessary change.

Assessment Strategies

- 1.1. Project

Criteria

You will know you are successful when

- 1.1. you classify elicited information.
- 1.2. you demonstrate analytical thinking.
- 1.3. you demonstrate leadership skills that support change.

Learning Objectives

- 1.a. Interpret elicited information.
- 1.b. Explore characteristics of a solution-oriented mindset.
- 1.c. Recognize the need for analytical thinking.
- 1.d. Examine leadership skills that support change.

2. Assess the impact of potential solution options.

Assessment Strategies

- 2.1. Project

Criteria

You will know you are successful when

- 2.1. you eliminate solution options that do not satisfy the business need.
- 2.2. you determine the potential impact of viable solution options.
- 2.3. you identify the relevant information needed to compare solution options.
- 2.4. you analyze the feasibility of solution options.
- 2.5. you use valuation techniques.

Learning Objectives

- 2.a. Explore expected benefits of solution options.
- 2.b. Identify estimated costs associated with solution options.
- 2.c. Determine relevant information to compare solution options.
- 2.d. Compare the feasibility of solution options.
- 2.e. Explore valuation techniques.

3. Recommend a solution.

Assessment Strategies

- 3.1. Project

Criteria

You will know you are successful when

- 3.1. you prepare a business case.
- 3.2. you recommend the appropriate solution.

3.3. you integrate technical writing guidelines.

Learning Objectives

- 3.a. Explore components of a business case.
- 3.b. Examine decision-making considerations.
- 3.c. Incorporate technical writing guidelines.

4. Convey the recommended solution.

Assessment Strategies

4.1. Presentation

Criteria

You will know you are successful when

- 4.1. you convey information in a manner consistent with stakeholder needs.
- 4.2. you demonstrate professional communication throughout the presentation.
- 4.3. you prepare visual(s) that correlate with the presentation of information.

Learning Objectives

- 4.a. Review characteristics of professional communication.
- 4.b. Recognize information that aligns with stakeholder needs.
- 4.c. Explore presentation etiquette.

5. Examine change management.

Assessment Strategies

5.1. Presentation

Criteria

You will know you are successful when

- 5.1. you explain the Business Analyst's role in the management of change.
- 5.2. you relate the impact a Business Analyst's leadership skills have on influencing change.

Learning Objectives

- 5.a. Identify the stages of change.
- 5.b. Ascertain the purpose of managing change.
- 5.c. Explore the Business Analyst's role in change management.

6. Relate the technical environment to change.

Assessment Strategies

6.1. Project

Criteria

You will know you are successful when

- 6.1. you analyze changes involving technology.
- 6.2. you justify the appropriate software development methodology.

Learning Objectives

- 6.a. Explore the technical environment of organizations.
- 6.b. Classify the Business Analyst's role as it relates to the technical environment.
- 6.c. Examine how changes impact the technical environment.
- 6.d. Investigate solution options that involve the technical environment.
- 6.e. Examine software development methodologies.