



Western Technical College

10102216 Data Integration and Prioritization

Course Outcome Summary

Course Information

Description	Students will further refine their skills in requirements documentation and validation by tracing and prioritizing solution requirements. Students will identify, measure, and validate solution requirements to support organizational change; while complying with organizational standards.
Career Cluster	Business Management and Administration
Instructional Level	Associate Degree Courses
Total Credits	2
Total Hours	36

Pre/Corequisites

Pre/Corequisite 10102217 Solution Analysis

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. Cultivate Passion: Enhance Personal Connections
2. Cultivate Passion: Increase Self-Awareness
3. Refine Professionalism: Act Ethically
4. Refine Professionalism: Participate Collaboratively
5. Refine Professionalism: Practice Effective Communication

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. Compare requirements to organizational standards.

Assessment Strategies

- 1.1. Reflection

Criteria

You will know you are successful when

- 1.1. you examine whether solution requirements meet organizational standards.
- 1.2. you categorize requirements.

Learning Objectives

- 1.a. Examine organizational standards.
- 1.b. Relate the importance of requirements aligning with organizational standards.
- 1.c. Explain how requirements are categorized.

2. Explore tracing of requirements.

Assessment Strategies

- 2.1. Reflection

Criteria

You will know you are successful when

- 2.1. you explain the importance of tracing requirements.
- 2.2. you practice tracing requirements.

Learning Objectives

- 2.a. Examine the purpose of tracing requirements.
- 2.b. Determine the relationships a Business Analyst considers when tracing requirements.
- 2.c. Predict how tracing supports change management.
- 2.d. Explore techniques for tracing requirements.

3. Explore prioritization of requirements.

Assessment Strategies

- 3.1. Written Product
- 3.2. Reflection

Criteria

You will know you are successful when

- 3.1. you explain the importance of prioritizing requirements.
- 3.2. you explain factors that influence prioritization.

3.3. you practice prioritizing requirements.

Learning Objectives

- 3.a. Explore techniques used to prioritize requirements.
- 3.b. Predict stakeholder concerns with prioritization.
- 3.c. Dissect stakeholder expectations.

4. Support verification and validation of requirements.

Assessment Strategies

- 4.1. Written Product

Criteria

You will know you are successful when

- 4.1. you outline requirements verification.
- 4.2. you prepare for requirements validation.

Learning Objectives

- 4.a. Summarize how to define and elaborate requirements.
- 4.b. Examine acceptance criteria.
- 4.c. Categorize techniques used to verify requirements.
- 4.d. Examine key performance indicators.

5. Examine methods for managing conflict.

Assessment Strategies

- 5.1. Reflection

Criteria

You will know you are successful when

- 5.1. you explain how a Business Analyst's leadership can be conducive to facilitating change.
- 5.2. you apply conflict management techniques.
- 5.3. you manage stakeholder expectations.

Learning Objectives

- 5.a. Assess leadership characteristics conducive to facilitating change.
- 5.b. Explore negotiation and conflict resolution techniques.
- 5.c. Relate the importance of managing expectations.

6. Explore methodologies designed to improve solution quality.

Assessment Strategies

- 6.1. Reflection

Criteria

You will know you are successful when

- 6.1. you describe how commonly used methodologies can be used to improve solution quality.

Learning Objectives

- 6.a. Identify methodologies commonly used in business today.
- 6.b. Explore the key characteristics of each methodology.
- 6.c. Examine how the methodologies can be used to improve solution quality.