Regis University SPS
MSCIT & MScSIS Programs
Brad Blake, Affiliate Faculty
MSCD640 & MCT615
Assignment 3: Course Annotated Bibliography

The student will research and complete a course annotated bibliography. Using academic databases such as the ACM database, IEEE database, INFORMS database, Elsevier database, or Google Scholar, the student should locate a minimum of 25 relevant, current, and academic sources that support the course Terminal Course Objectives (see below) and course content. The sources should be academically credible and not include popular literature sources. The majority of the annotated bibliographic entries should be peer reviewed publications from journals in the field of study, conference proceedings, or other scholarly events. The annotations should be one paragraph to include a synopsis of the publication content, the relevance of the source, a statement of how the reference applies to the course work of study, and other relevant statements that confirm the application of the entry to the coursework. The annotated bibliography should be developed and expanded as the course continues, and it can and should be used for the other course assignments. It is due at the end of week 6.

The following is a sample annotated bibliographic entry that follows APA guidelines:

Powell, G, & McCullough-Dieter, C. (2007). ***Oracle 10g Database Administrator: Implementation & Administration*****. Boston: Thomson Course Technology.**

> The authors provide an extensive guide to Oracle 10g from coverage of the components and make up of the Oracle database to the day-to-day duties of a database administrator. They use a real world approach to provide thorough coverage of the Oracle database ranging from topics including initialization parameters and tablespace storage to data integrity, constraints and user profiles. They provide an introduction to other database-related topics as well, such as PL/SQL programming and Backup and Recovery.

* Terminal Course Objectives:

1. Diagram and explain the architecture of the Oracle 10g database and the installation options.
2. Examine and utilize DBA tools, specifically the Oracle Enterprise Management console and the Database Grid Control; and evaluate the background processes that perform the database operations.
3. Compare and contrast data dictionary views (V$ views) that monitor database structures and activities.
4. Select and apply SQL to create, modify, or remove redo log files, control files, and database-generated diagnostic files.
5. Assess the function and operation of the Oracle physical and logical structures; create, modify, and drop Oracle tablespaces, and create provisioning for undo data.
6. Evaluate and choose storage concepts and settings.
7. Evaluate and explain advanced table management concepts.
8. Evaluate and apply index management in the Oracle 10g database.
9. Design user and resource control to the database, including object privileges and storage quotas.
10. Evaluate and select appropriate database roles, privileges and profiles.
11. Differentiate and apply performance monitoring concepts.
12. Design and evaluate proactive maintenance steps for the database.
13. Create and evaluate advanced data types for object-oriented applications.