

Austin Community College

BMGT 2074 Use Cases

Syllabus Version: November 2011

INSTRUCTOR: Dr. Joyce Statz 512-346-5228 joyce.statz@gmail.com

Length: 12 Hours

OFFICE HOURS: (phone) Most daytimes and non-class evenings 8-10 PM
(email) Response within 24 hours

TEXTS: Required: Class notebook, distributed at first class session.
Recommended: *A Guide to the Business Analysis Body of Knowledge*¹ (BABOK® Guide), version 2.0. IIBA®, 2009. Available electronically from IIBA for \$29.95 at this link: <http://tinyurl.com/BABOKinPDF> or in paperback from a number of sources.

DESCRIPTION OF COURSE: This course enables analysts to document solution requirements at a user requirements level. Use cases are especially helpful when capturing requirements for an interactive system that supports a business process, since they clearly define what is done by each of the participants in the process (human users, systems that respond to a user and systems that are involved in any computation behind the scenes). Many organizations find use cases helpful for other types of systems; too, such as defining the flow of data or processing that is independent of a user interface. Participants in the course use guided exercises to practice the techniques of building use cases, leveraging templates and examples. Common pitfalls are discussed, as well as how to avoid problems.

OBJECTIVES: This course is useful for developing business analysis skills. It also provides BABOK®-based course hours toward the International Institute of Business Analysis (IIBA®) Certified Business Analyst Professional™ (CBAP®) or Certification of Competency in Business Analysis™ (CCBA®) designations, as well as Continuing Development Units (CDU's) for re-certification.

The student who successfully completes this course will be able to:

1. Identify when and how to apply use cases in a solution
2. Identify roles involved in the solution
3. Identify all relevant user activities in the solution
4. Describe the main success scenario (normal path) of a use case, as well as alternative paths
5. Derive other requirements from use cases
6. Develop test cases based on use cases

PREREQUISITES: Those taking the course must have at least a year's experience as a project team member, preferably working on project requirements. This enables class members to augment their learning environment by sharing their varied experiences.

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MODULES IN THE COURSE: This course covers the following topics:

- Context for Building Use Cases
 - Stakeholder involvement
 - Terminology
 - Framework of requirements relationships
 - Where use cases fit
- Building Use Cases
 - Components of a use case
 - Identifying use cases and use case goals
 - Identifying actors
 - Defining the normal path
 - Exceptions and alternate paths
 - Common problems developing use cases
 - Use case review checklist
- Deriving other requirements
- Testing Based on Use Cases

EVALUATION:	1. Course Exam	50%
	2. Exercises and Homework	50%
	3. Class Attendance (at least 80% of class hours)	

A completion certificate worth 1.2 continuing education units (CEUs) will be awarded for a total course score of 70% or better, with minimum attendance. 1.2 CEU's are equivalent to 12 PMI Professional Development Units (PDU's) or 12 IIBA® Continuing Development Units (CDU's).

POLICIES:

Participation:

Students are expected to arrive on time, stay for the entire class period, and actively participate in class by asking questions and sharing personal experiences. Any student counted as missing more than 20% of the class will not receive a completion certificate. There will usually be a short break after about 90 minutes of class time. Meals are not provided. There is a break room nearby with snack and drink machines, but eating during class time is discouraged.

Makeup Tests and Assignments:

In the short class schedule, make up classes are not available. Students who must miss some portion of class may be able to make alternate arrangements with the instructor to make up what they miss.

Honesty:

Plagiarism and cheating are serious offenses and may be punished by failure on an exam or assignment, failure in the course, and or expulsion from the college. For more information refer to the "Academic Honesty" policy in the student catalog.