Syllabus

Syllabus

De Anza College

Department: CIS

Course/Section:

Risk Assessment and Mitigation - CIS 95C

Location

ATC 204

Schedule

Class meets for three weekends for three weekends Jan 9-10, Jan 23-24, Jan 30-31.

Office hours - MW - 1:00pm to 2:50pm

Sukhjit Singh

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Catalog Information

CIS 95C   Risk Assessment and Mitigation - A Practicum 4 Unit(s)

Requisites: Prerequisite: Computer Information Systems 95A or equivalent experience.

Advisory: English Writing 100 and Reading 100 (or Language Arts 100), or English as a Second Language 172 and 173.

Hours: Four hours lecture (48 hours total per quarter).

Description: Focus on responding to uncertain events or conditions for a positive or negative effect on project objectives. Implement techniques for planning for risks and learn to change project plans to reduce the probability and/or impact of the risk.

Course Objectives

1. Analyze and decide how to approach and plan the risk management activities for a project.
2. Determine which risks might affect the project and documenting their characteristics.
3. Performing a Qualitative analysis of risks and conditions to prioritize their effects on project objectives.
4. Measure the probability and consequences of risks and estimating their implications for project objectives.
5. Develop procedures and techniques to enhance opportunities and reduce threats to the project's objectives.
6. Monitor residual risks, identifying new risks, executing risk reduction plans, and evaluating their effectiveness throughout the project life cycle.

Expanded Description: Content and Form

1. Analyze and decide how to approach and plan the risk management activities for a project.
    1. Learn to use inputs to Project Planning
    2. Tools and Techniques for Risk Management Planning
    3. Create a Risk Management Plan
2. Determine which risks might affect the project and documenting their characteristics.
    1. Risk Categories
    2. Use Risk Management Plan and Project planning outputs to identity risks in several categories.
    3. Implement tools and techniques for risk identification
    4. Create triggers for response to risks.
3. Performing a Qualitative analysis of risks and conditions to prioritize their effects on project objectives.
    1. Assess the impact and likelihood of identified risks.
    2. Learn to use inputs to Qualitative Analysis
    3. Tools and Techniques for performing qualitative analysis
    4. Create overall risk ranking and list of prioritized risks.
4. Measure the probability and consequences of risks and estimating their implications for project objectives.
    1. Analyze numerically the probability of each risk and its consequences.
    2. Quantify the risk exposure to project.
    3. Identify realistic and achievable cost, schedule and scope targets.
5. Develop procedures and techniques to enhance opportunities and reduce threats to the project's objectives.
    1. Develop options and actions to enhance opportunities and reduce threats to projects objectives.
    2. Create a risk register identifying residual risks and secondary risks.
6. Monitor residual risks, identifying new risks, executing risk reduction plans, and evaluating their effectiveness throughout the project life cycle.
    1. Ensure that execution of risk plan occurs.
    2. Evaluate the effectiveness of reducing risks
    3. Risk Monitoring and control are associated with implementing contingency plans.

Texts and Supporting References
Project Management Book of Knowledge (PMBOK Guide) 5th Edition

Grading System for this course
  For Letter Grade:
    Grade: A+ assigned with 97% or higher
    Grade: A assigned with 93% or higher
    Grade: A- assigned with 90% or higher
    Grade: B+ assigned with 87% or higher
    Grade: B assigned with 83% or higher
    Grade: B- assigned with 80% or higher
    Grade: C+ assigned with 77% or higher
    Grade: C assigned with 73% or higher
    Grade: D+ assigned with 70% or higher
    Grade: D assigned with 63% or higher
    Grade: D- assigned with 60% or higher
    Grade: F assigned with 0% or higher
  For Pass/No Pass:
    Grade: Credit assigned with 70% or higher
    Grade: No Credit assigned with 0% or higher
  Incomplete
  Audit
  Withdrawal

Grading
  Individual Contribution - 20% of the grade
  Tasks - 80% of the grade

Withdrawing
Once you are added to the class it is your responsibility to withdraw. I will not drop you from the class. The earned grade will be assigned at the end of the quarter.

Adding the class and Late Adds
At Instructor's discretion you may be assigned an addcode. you should add the class within normal dates provided in academic calendar on De Anza's

website. If you do not add the class, during the scheduled time, no late adds will be processed by instructor.