



SEN319 Software Project Management (Fall 2023)

Introduction

Asst.Prof.Dr. Hasan ÇiFCi



Agenda

- **Course Outline**
- **Course Reference Material**
- **Course Conduct and Grading**
- **Communication**
- **Course Objectives**
- **Instructor**



Course Outline

- (1) Project Management Basics**
- (2) Project Management Methodologies and Life Cycle of Projects**
- (3) Project Management Principles**
- (4) Project Management Processes**
- (5) Project Integration Management**
- (6) Project Scope Management**
- (7) Project Schedule Management**
- (8) Project Resource Management**
- (9) Project Cost Management**



Course Outline

(10) Project Quality Management

(11) Project Risk Management

(12) Project Control and Closure

(13) Tools and Techniques for Software Project Management

(14) Software Project Management Plan (Student Presentations)



Course Reference Material

- (1) An Introduction to Project Management, 4th Ed., Kathy Schwalbe, Schwalbe LLC.**
- (2) Information Technology Project Management, 9th Ed., Kathy Schwalbe, Cengage Learning.**
- (3) Information Systems Project Management – A Process Approach, Edition 2.0, C.Schneider, M.Fuller, J.Valacich, J.George, Prospect Press.**
- (4) Introduction to Software Project Management, Adolfo Villafiorita, CRC Press.**
- (5) Absolute Beginner's Guide to Project Management, 2nd Ed., Greg Horine, Que Publishing.**
- (6) Effective Software Project Management, Robert K. Wysocki, Wiley Publishing.**



Course Reference Material

- (7) Mastering Software Project Management - Best Practices, Tools and Techniques, M.Chemuturi, T.Cagley, J.Ross Publishing.**
- (8) Software Project Management, 5th Ed., B.Hughes, M.Cotterel, R.Mall, Mc-Graw-Hill.**
- (9) Software Project Management for Dummies, T.Luckey, J.Phillips, Wiley Publishing.**
- (10) Software Project Management in a Changing World, G.Ruhe, C.Wohlin, Springer.**
- (11) Project Management for Information Systems, 5th Ed., J.Cadle, D.Yeates, Pearson-Prentice Hall.**
- (12) Other selected readings and research papers...**



Course Conduct and Grading

■ Course Conduct

- Formal lectures
- Readings and class discussions
- Assignments/project/presentations

■ Grading

- Midterm 30%
- Term Project 10%
- Final 60%

Grading is subject to change based on the class performance and other factors.

- **Physical and mental participation is appreciated**



Communication

24x7 Hours of Communication Free Lecturer!



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WhatsApp Group: SEN319



Course Objectives

- Understand basics and foundations of project management and software project management,
- Learn life cycle of a software project and software development activities,
- Explain major project activities such as scope, schedule, resource, quality and risk management,
- Study and learn prominent and contemporary software project management tools and techniques,
- Prepare a **software project management plan** to reinforce information system project knowledge.





Instructor - Bio



HACETTEPE
BS: CENG



ODTÜ
METU

MS : IS
PhD: STPS

HARVARD
UNIVERSITY



Defense Acquisition University

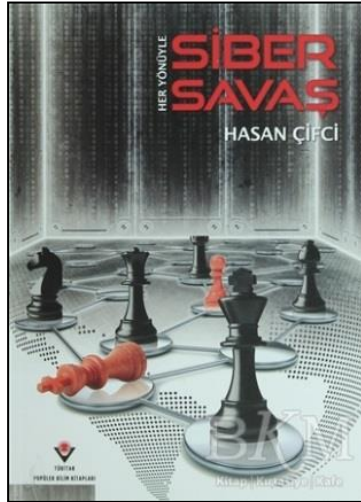
Various Courses (Student)



- Served within **Turkish Air Force** for 25 years
- Requirements Manager, **F-35 Project** in Washington D.C. (2012-2014)
- Commander, **Turkish Air Force Cyber Defense Command** (2015-2017)
- Commander, **Air and Space Power Development Center** (2017-2021)
- **Part time lecturer: METU, TOBB-ETÜ and NATO**

Instructor - Books

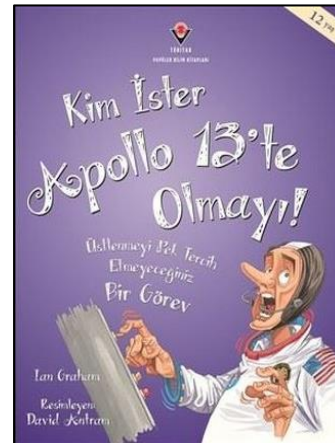
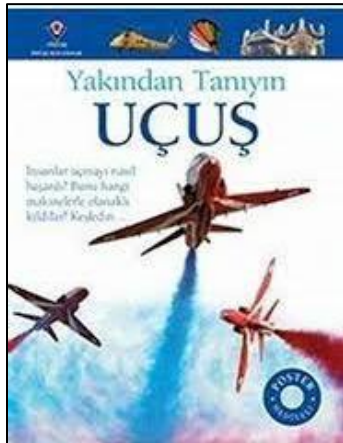
Author



Co-Author



Scientific Advisor





Instructor Experience on Project Management



**The Biggest IS
Project of Turkey
(14 years)**



Turkish Air Force Information System



F-35 Project

**F-35 Information System
Requirements & Release Manager**

PandorALIS
(F-35 Information
System)

**F-35 Project
Manual**

2 Booklets Written by HÇ



Instructor Experience on Selected Topics

- **Cybersecurity**
- **Artificial Intelligence (AI) projects**
- **Autonomous systems**
- **Unmanned Air Vehicle (UAV) projects**
- **Augmented Reality (AR) projects**
- **Big data and data science projects**
- **Operational Research (OR) projects**
- **Fighter jet projects (F-16, F-35 and TF-X)**



Thank you...

Hasan ÇİFCİ