

**College**

**Program Name**

**Term**

1. **Course number & name.**
2. **Instructor Name:**

* Instructor Email:
* Instructor Phone:
* Office Location:
* Office Hours:

1. **Course Delivery Method:** Online/Classroom/Hybrid
2. **Workload/Credit Hour Statement**: The federal definition of a credit hour requires one hour of instruction time and two hours of out-ofclass student work per credit per week [34 CFR 600.2]. By multiplying the number of credit hours a course is worth by three clock hours’ instruction / preparation time, you can determine the minimum average per week for “time on task.” For example, in a 3-credit online course, you should plan on a minimum average of 9 hours per week of “time on task.” In online or blended courses, the “traditional” credit hour contact hours are defined by the number of hours of “time on task.” Time on task includes any time that students spend interacting with course materials and participating in learning activities, including but not limited to readings, projects, assignments, videos, student-student or student-professor interaction, and exams.
3. **Class Days / Meeting Times**:
4. **Course Prerequisites and/or Co-requisites** *(if any):*None**.**
5. **Catalog Description:**
6. **Course Purpose / Goals:**
7. **Student Learning Outcomes**

Upon successful completion of this course, students will be able to:

1. Evaluate different Information Systems strategies with regard to how they may

provide an organization with a competitive advantage.

1. Discuss the functions of basic fundamental information system arechitectures

a. Hardware & Operating Systems  
b. Networks and the Internet  
c. Data storage and retrieval  
d. Programming and applications

1. Explain information systems applications such as decision-support software, customer relationship management software, and enterprise resource planning software in the context of business competitive advantage.
2. Discuss the use of data and “big data” to develop business intelligence.
3. Compare Information Systems projects using standard business tools for assessing investments.
4. Select effective change management strategies to facilitate information system project success.
5. Design an effective IT project management plan, including schedule, cost estimate, and risk matrix, for a complex information system project.
6. **Instructional Methods / Strategies**

* Readings and Textbook Assignments
* Discussions
* Case Studies
* Course Project

1. **Learning Outcome Assessment Methods**
   * Individual Papers
   * Discussion & Participation Evaluation
   * Course Project Evaluation
2. **Instructional Materials**
   * Required Textbook
     + Wood, R.L. (2023). Introduction to Information Systems. Retrieved from https://open.ocolearnok.org/informationsystems/.
     + Curated online readings and videos.

**Grading Policy / Scale**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Grade** | A (4 gp) | B (3 gp) | C (2 gp) | D (1 gp) | F (0 gp) | | **Percentage** | 90%-100% | 80%-89% | 70%-79% | 60%-69% | < 60% | |

* + Points for the course totaling 100% are detailed in the Class Calendar & Assignments list below, and are broken down into:
    - Annotated Reading Assignments through Perusall: 20%
    - Case Study Assignments:
      * Case #1: 15%
      * Case #2: 15%
      * Case #3 (Final): 15%
      * Course Project:
        + Week 2 Paper 5%
        + Week 4 Paper 10%
        + Week 8 Paper 20%

**Weekly Readings on Perusall.com**

Our weekly readings and videos will be posted on Perusall.com. This site is, in effect, a “social” reading site

that will take the place of more traditional discussion boards. The following is an excerpt from the “How Perusall Works” handout:

Perusall helps you master readings faster, understand the material better, and get more out of your classes. To achieve this goal, you will be collaboratively annotating the textbook with others in your class. The help you’ll get and provide your classmates (even if you don’t know anyone personally) will get you past confusions quickly and will make the process more fun. While you read, you’ll receive rapid answers to your questions, help others resolve their questions (which also helps you learn), and advise the instructor how to make class time most productive. You can start a new annotation thread in Perusall by highlighting text, asking a question, or posting a comment; you can also add a reply or comment to an existing thread. Each thread is like a chat with one or more members of your class, and it happens in real time. Your goals in annotating each reading assignment are to stimulate discussion by posting good questions or comments and to help others by answering their questions.

Research shows that by annotating thoughtfully, you’ll learn more and get better grades, so here’s what “annotating thoughtfully” means: Effective annotations deeply engage points in the readings, stimulate discussion, offer informative questions or comments, and help others by addressing their questions or confusions. To help you connect with classmates, you can “mention” a classmate in a comment or question to have them notified by email (they’ll also see a notification immediately if online), and you’ll also be notified when your classmates respond to your questions.

For each assignment a machine-learning algorithm will evaluate the annotations you submit before the assignment deadline. You will be expected to post a minimum of seven (7) thoughtful annotations per week. Based on the overall body of your annotations, you will receive a score for each assignment as follows

3 = demonstrates exceptionally thoughtful and thorough reading of the entire assignment

2 = demonstrates thoughtful and thorough reading of the entire assignment

1 = demonstrates superficial reading of the entire assignment OR thoughtful reading of only part of the assignment

0 = demonstrates superficial reading of only part of the assignment

You should access Perusall.com through our LMS course. You will be presented with a short tutorial on navigating the site. Then you will see the week’s reading assignment to an online reading “packet” made up of Open Education textbook sections. Here is where you will read and annotate the text.

**Case Analysis Tips**

You will be using your business skills and understanding of information systems to analyze three case studies in this course. You will assume the persona of a consultant hired by the case organization to review the information in the case and make actionable recommendations to help resolve case issues and dilemmas. Below are tips to help you:

1. Understand the Case:

- Begin by thoroughly reading and understanding the case, paying attention to details and context.

- Identify key stakeholders, systems involved, and the overarching problem or goal.

2. Define the Problem:

- Clearly articulate the central problem or issue the company is facing.

- Break down complex issues into manageable components.

3. Symptom Identification and Root Cause Analysis:

- Recognize that cases often present symptoms of underlying issues.

- Identify both the symptoms and the root causes. Explain how each symptom led you to the corresponding root cause.

4. Data Gathering:

- Collect relevant data and information from diverse sources.

- Utilize both quantitative and qualitative data to gain a holistic understanding.

5. Consiger Using an Analysis Framework:

- Consider using an analysis framework to organize your thinking as you assess internal and external factors affecting the case.

- This could be a SWOT analysis, Porter’s 5-forces, Porter’s Value Chain, or other recognized framework.

6. Systems Thinking:

- Apply systems thinking to understand how different components interact.

- Consider the interactions and interdependencies of various components in the system, rather than focusing on individual elements in isolation.

7. Develop Alternatives:

- Generate multiple alternative solutions to address the identified problem.

- Consider feasibility, cost, and impact on stakeholders.

8. Evaluate Alternatives:

- Assess each alternative against realistic criteria like cost, schedule, benefits, and risks.

- Utilize facts and figures to support your evaluation.

9. Make Recommendations Supported by Facts and Research:

- Take a firm stance on how the company should approach the issues.

- Ground your recommendations in rigorous research. Utilize external sources, including academic articles and industry reports.

10. Avoiding Wishy-Washy Recommendations:

- Refrain from indecision. Clearly state your position and substantiate it with facts, evidence, examples, and references. As a “consultant” the company called you in to help them make informed decisions.

- Avoid suggesting that the company needs further research before making their decisions - that’s your job.

11. Implementation Plan:

- Outline a step-by-step plan for implementing your recommendations.

- Consider potential challenges and mitigation strategies.

12. Write the Report

- A relatively short summary of the case will usually suffice. Bring up key events and facts from the case that the reader will need to know to understand your reasoning and recommendations. Avoid writing a “book report” on the case itself. Use the space, instead, for your presentation of findings, alternatives, recommendations, and implementation.

- Business writing is succinct and to the point. Logical flow is important to take your reader from case facts, to findings, to alternatives, to your recommendation and implmentation steps.

- Use APA-style headings to give your readers sign-posts along the way to know when you are moving to different sections of the report. Use paragraphs liberally to let your reader know when you move from one idea to the next within the section.

13. APA Style and Writing Precision:

- Adhere to APA style for formatting, citations, and references.

- Utilize an APA template to ensure consistency and compliance.

- Ensure your spelling, grammar, organization, and presentation are professional. Proofread carefully.

14. Address Feedback for Improvement:

- Pay close attention to instructor feedback on your assignments. Learn from comments and corrections to enhance the quality of future submissions.

Remember, the goal is not just to analyze but to provide actionable insights supported by robust evidence. I encourage you to embrace the challenge.**Course Project Description**

OPTION #1 (Preferred)

**Week 2**

* Introduce yourself to your Information Technology Department manager and ask for time to discuss this project. (If you are not employed, you may use an organization you volunteer with like your church, non-profit, or club). Ask your IT manager for an overview of the Information Systems used in your organization. Were you aware of all the systems? Which ones do you use regularly? Are there any that you don’t currently use, but would be helpful to use in the future?
* Now talk with your own senior manager about his/her perspective about the organization’s information systems. How do the installed Information Systems help your organization be more efficient and/or effective? What are some of the opportunities and challenges of the current systems? How does the IT department and your department view the “boundaries” of systems - that is, where do IT responsibilities end and user or other departmental responsibilities begin? Are there any “disconnects” with these perceived boundaries?
* Write a 300-500 word paper in MS-Word about your conversations and any personal reflections on possible ways to improve your organization’s information systems. Use APA format for references.

**Week 4**

* Continue your conversation with your IT and department manager. Discuss what financial and decision-support systems your company uses. What are the benefits and shortcomings of these? Does your company use an ERP, CRM, and or Supply Chain Management system? If so, what has been your organization’s experience with these? If not, is there a need for one or more of these? Do some research on the Internet to compare features of available systems and provide a recommendation (with rationale) for a potential purchase. Get feedback on this from your IT and department manager. What might be some of the challenges to installation and adoption.
* Write a 300-500 word paper in MS-Word about your conversations and any personal reflections on how one of these systems could help your organization. Describe your analysis of candidate systems and your adoption recommendation. Use APA format for references.

**Week 8**

* Continue your conversation with your IT manager. Investigate how the IT department approaches new information system projects. Is there an assigned project manager (if so, try to bring that person into the conversation)? How is cost and schedule monitored throughout the project? What software tools are used to help manage IT projects? What are the major challenges noted by the IT and/or project manager? Ask them to describe their latest successful project from idea through roll-out.
* Using information from your earlier research, write a 5-7 page report on your findings, analyses, and recommendations to your organization’s CEO on improving your Information Systems. Write a project plan that discusses the technical, organizational, and project management (cost, schedule, scope) aspects related to the changes you recommend. Be as specific as possible; support your recommendations with examples, research, and other evidence. Use APA 7th Ed. to format your paper and references.
* Well-organized, logical, readable, and technically accurate business writing is expected. Students must use APA 7th Edition formatting for papers and references (for Discussion Boards, References and Citations should be APA format). Written assignments, including discussion board analyses, with poor grammar, spelling, or construction will be penalized (see grading rubric below).

OPTION #2 - If you are unable to work with the IT manager in your organization, or you are not currently employed, you may do the research project below.

**Class Project Alternative**

You have just been hired as the Chief Operating Officer for a new startup business.  The new Chief Information Officer was also just hired. Your first task from the founder is to work with the CIO to investigate information systems needed to run the operation.  The founder expects the business to grow rapidly from its current 10 employees to 100 by the end of the first year, then double in size every 12 months up to year 5.

 Select a business from the list below (or email me if you have another idea):

* Additive manufacturer (using industrial 3-D printers) supplying auto manufacturers and aerospace companies with custom-designed, hard to build parts
* Free medical clinic to serve the uninsured poor
* Independent trucking company
* Training organization offering employee development classes to corporations

**Week 2**

* Research the type of company you have selected and write a description of your new business.  Who are your customers?  How do you serve them (e.g. what are your products and/or services)? What are your customers’ metrics for success (e.g. on-time delivery, cost, quality, performance, etc)?  How will you organize your company to be a good partner in their supply chain?
* Suggestions:  Look at similar companies/organizations on the internet and model your operations after theirs.  Think about how you would set up your company to best provide products and/or services.  Gather information you need in your research and make educated judgments about information you can’t find directly.
* Write a 300-500 word paper in MS-Word about your organization. Use APA format for references.

**Week 4**

* Using the outline for the company you have started, consider what information systems you will need to run the operations.  Think about both IS for internal and external operations.
* Research commercial information systems of the type(s) you’ve envisioned and choose the best candidates that fit your business.
* Write a 300-500 word paper in MS-Word about the information systems you’ve chosen for your business. Use APA format for references.

**Week 8**

* Describe how you and your CIO would implement the information systems you’ve selected into your organization.  What risks might there be and how would you address those?  What are the technical, organizational, and project aspects associated with getting the IS installed, tested, and in service?
* Using the two previous Journal entries in Weeks 2 and 4, along with any constructive changes made based on comments, write a 5-7 page report that briefly describes your company/organization, the information systems selected, and your implementation plan.  Use APA 7th Ed to format your paper and references.
* Well-organized, logical, readable, and technically accurate business writing is expected.  Students must use APA 7th Edition formatting for papers and references (for Discussion Boards, References and Citations should be APA format). Written assignments, including discussion board analyses, with poor grammar, spelling, or construction will be penalized (see grading rubric below).

**Written Assignment Rubric**

**Content/Organization (70%)**

Subject Matter:

* Key elements of assignment covered in a substantive way
* Content is comprehensive/accurate/persuasive
* Displays an understanding of relevant theory
* Major points are stated clearly; supported by specific details, examples, or analysis; and organized logically
* Research is adequate/timely

Higher-Order Thinking:

* The paper links theory to relevant examples of current experience and industry practice and uses the vocabulary of the theory correctly
* The paper uses analysis and synthesis of theory/practice to develop new ideas and ways of conceptualizing and performing

Organization:

* The introduction provides sufficient background and previews major points
* The paper develops a central theme or idea that is immediately clear and directed toward the appropriate audience
* Structure is clear, logical, and easy to follow
* Subsequent sections develop/support the central theme
* The conclusion is logical, flows from the body of the paper

**Readability/Style/Mechanics (30%)**

Readability/Style--15%

* Sentences are complete, clear, and concise
* Sentences are well-constructed with consistently strong, varied structure
* Transitions between sentences/paragraphs help maintain flow of thought
* Words used are precise and unambiguous
* The tone is appropriate to the audience, content, and assignment

Mechanics--15%

* The paper follows APA guidelines
* Citations of original works in the body of the paper follow APA guidelines
* Paper is laid out with effective use of headings, font styles, and white space
* Rules of grammar, usage, punctuation are followed
* Spelling is correct

**Late assignments receive a 10% deduction for each day they are late if assignments are not posted by 11:59 p.m. Central Time on the day they are due. Assignments more than 4 days late will not be accepted.**

1. **Class and Instructor Policies**

Assignments should be turned in on time and be of the highest quality expected of a university student. Students should review all graded assignments promptly and notify the instructor of any questions or challenges to the grade within 10 days.

**Use of Generative AI for Assignments**

Generative artificial intelligence tools—software that creates new text, images, computer code, audio, video, and other content—have become widely available. Well known examples include ChatGPT for text and DALL-E for images. This policy governs all such tools.

You may use generative AI tools on assignments in this course, within the following limitations. Most of your assignments will be focused on case analysis so AI can be helpful with brainstorming and ideas for approaching issues in each case. Please DO NOT ask it to analyze the case and write the report – these tools are not yet mature enough to do a good job with this. Good case analysis still requires a human with good business and analytical skills.

**If you do use generative AI tools on any assignments in this class, you must properly document and credit the tools themselves for any content they generate. Cite the tool you used, following the pattern for computer software given in APA style. Here is an example for ChatGPT:**

**In-text citation: (OpenAI, 2023)**

**Reference list: OpenAI. (2023). ChatGPT Large language model.** [**https://chat.openai.com/chat**](https://chat.openai.com/chat)

Generative AI tools do a good job with review and edit of your work for style, grammar, and spelling. If you use generative AI for any purpose, **at the end of your paper please include a brief description of how you used the tool**.

Please remember that these tools are typically trained on limited datasets that may be out of date. Keep in mind that generative AI tools may produce content that is inaccurate so it is your responsibility—not the tool’s—to assure the quality, integrity, and accuracy of work you submit. Please use these tools responsibly.

1. **Academic Policies / Required Information**

Please go to the following weblink for required information pertaining to:

* Academic Misconduct
* Americans with Disabilities Act Compliance
* Behavioral Intervention Team
* Inclement Weather/Disaster Policy
* Release of Confidential Information
* Student Handbook
* Teach Act
* Textbook Information
* Title IX

1. **Student Support**

Students enrolled in postsecondary education are required to self-identify if they would like to request services on the basis of disability. Student Disability Services provides or arranges reasonable accommodations and services to qualifying students.

Students who may need assistance accessing sufficient food to eat every day, lack a safe and stable place to live, or who may be experiencing mental health challenges impacting their performance in the course are urged to contact Student Affairs for support.

1. **Course Concerns or Complaints**

Students who wish to express a concern about a course or academic issue are encouraged to follow this process. Students who want to file a course grade appeal should consult the next section.

* First, conference with the ***faculty member***. Most concerns can be handled through dialogue with the course instructor.
* Second, if the instructor is unable to resolve the issue, the student may talk with the ***department chair***. If the student does not know who the department chair is, s/he can contact the registrar with the course prefix and number, and that office can provide the information.
* Third, if the department chair is unable to resolve the issue, then the student is welcome to contact the ***assistant or associate dean***. If the student does not know who the assistant / associate dean is, s/he can ask the department chair or contact the registrar.
* Fourth, if the assistant / associate dean is unable to resolve the issue, the student may contact the **college dean**.

It is important that ***the student*** initiate action (not parents, partners, or other relatives) and begin at the faculty or department chair level as most issues can be resolved there.

1. **Grade Appeal**

A student may petition a course grade change if satisfactory resolution cannot be achieved after informal grade review conferences with the instructor, department chair, and/or Dean’s office. The Grade Appeals Process must be formally initiated with a written appeal to the Dean within four months following awarding of the original course grade. Please contact the dean of the college in which the grade was given for a copy of the grade appeals process and the conditions which allow for the appeal of a course grade.

1. **Class Calendar with Assignment Due Dates**

|  |  |  |
| --- | --- | --- |
| Week | Dates | Theme/Assignments |
| 1 |  | Foundations: Role of IS in modern organizations   * Read and Annotate Chapters 1 & 2 in Perusall.com * Watch the short video “[What is an Information System](https://www.youtube.com/watch?v=Qujsd4vkqFI)?” * Read the Harvard Business Review article “[How effective managers use information systems](https://hbr.org/1976/11/how-effective-managers-use-information-systems)” * Read “[Trends in information systems and related compliance considerations](https://www.bnncpa.com/resources/trends-in-information-systems-and-related-compliance-considerations/)” * Read the Project Description so you will be prepared for the Week 2 Assignment |
| 2 |  | Under the Hood – IS and Network Components & Architectures   * Read and Annotate Chapters 3 & 4 in Perusall.com * Watch the following videos:   + [Introducing How Computers Work](https://www.youtube.com/watch?v=OAx_6-wdslM&list=PLzdnOPI1iJNcsRwJhvksEo1tJqjIqWbN-)   + [What Makes a Computer, a Computer?](https://www.youtube.com/watch?v=mCq8-xTH7jA&list=PLzdnOPI1iJNcsRwJhvksEo1tJqjIqWbN-&index=2)   + [Binary and Data](https://www.youtube.com/watch?v=USCBCmwMCDA&list=PLzdnOPI1iJNcsRwJhvksEo1tJqjIqWbN-&index=3)   + [Circuits and Logic](https://www.youtube.com/watch?v=ZoqMiFKspAA&list=PLzdnOPI1iJNcsRwJhvksEo1tJqjIqWbN-&index=4)   + [CPU, Memory, Input & Output](https://www.youtube.com/watch?v=DKGZlaPlVLY&list=PLzdnOPI1iJNcsRwJhvksEo1tJqjIqWbN-&index=5)   + [Hardware and Software](https://www.youtube.com/watch?v=xnyFYiK2rSY&list=PLzdnOPI1iJNcsRwJhvksEo1tJqjIqWbN-&index=6)   + [How Software is Made](https://www.youtube.com/watch?v=bWdeGTJxMQc)   + [What is the internet?](https://www.youtube.com/watch?v=Dxcc6ycZ73M&t=13s)   + [IP Addresses and DNS](https://www.youtube.com/watch?v=5o8CwafCxnU)   + [Packets, Routing, and Reliability](https://www.youtube.com/watch?v=AYdF7b3nMto)   + [HTTP & HTML](https://www.youtube.com/watch?v=kBXQZMmiA4s)   + [Encryption and Public Keys](https://www.youtube.com/watch?v=ZghMPWGXexs&t=1s)   + [Cybersecurity and Crime](https://www.youtube.com/watch?v=AuYNXgO_f3Y) * **Course Project: Complete paper for Week 2.** |
| 3 |  | Traditional Information Systems Applications   * Read and Annotate Chapters 5, 7, & 7 in Perusall.com * E-Commerce   + [What is e-commerce](https://www.youtube.com/watch?v=nxSDHBdsWqA)   + [5 reasons why e-commerce is growing at a breakneck pace](https://www.youtube.com/watch?v=_pjlkDJ14s0)   + Read “[Trends in e-commerce & digital fraud: Mitigating the risks](https://www.radial.com/sites/default/files/Trends-in-Ecommerce-Digital-Fraud.pdf)”   + Optional - Watch the fascinating video documentary “[Jeff Bezos Revealed: Building Amazon One Box at at Time](https://www.youtube.com/watch?v=tfAhTtBlb2Q)" * View the following videos:   + [Introduction to ERP Systems](https://www.youtube.com/watch?v=SIge-EAUXiI&t=4s)   + [Why do we need ERP?](https://www.youtube.com/watch?v=fH2CEkShyBs)   + [Supply Chain Management Overview](https://www.youtube.com/watch?v=SXDvHgjRNDQ)   + [CRM Software Tutorial](https://www.youtube.com/watch?v=LoDpocNWm-M)   + [Business Information Systems](https://www.youtube.com/watch?v=fahqgznAKQ4)   + [What is Business Intelligence](https://www.youtube.com/watch?v=LFnewuBsYiY) * **Paper: “Managed by Q” Case Study Analysis Paper.** |
| 4 |  | Modern and Emerging Information Systems Applications   * Read and Annotate Chapters 8 & 9 in Perusall.com * Social Media * Watch the following videos   + [5 social media campaign examples from big brands](https://www.youtube.com/watch?v=IQfZPsCVbTU)   + [An introduction to social media for small business](https://www.youtube.com/watch?v=lxw9nNnDytY&t=26s)   + [How to create a successful social media strategy](https://www.youtube.com/watch?v=NU1mptRcELg&t=3s)   + [10-Questions to ask when creating a social-media marketing plan](https://www.youtube.com/watch?v=xIHCciTfTqk)   + [What is digital marketing and why it matters](https://www.youtube.com/watch?v=_PWqIMQux-g) * Artificial Intelligence and Virtual Reality * Watch the videos   + [AI, Deep Learning, and Machine Learning](https://www.youtube.com/watch?v=ht6fLrar91U)   + [So you want AI for your business. Where do you start?](https://www.youtube.com/watch?v=dfvycjYIMPo)   + [What is the future of virtual reality in Business?](https://www.youtube.com/watch?v=81M0dS0gV9M) * Read the following:   + [120 Machine Learning business ideas from the latest McKinsey report](https://medium.com/@thoszymkowiak/120-machine-learning-business-ideas-from-the-new-mckinsey-report-b81b239f336)   + [The fourth industrial revolution: A primer on Artificial Intelligence (AI)](https://medium.com/mmc-writes/the-fourth-industrial-revolution-a-primer-on-artificial-intelligence-ai-ff5e7fffcae1)   + Read the short article AND view the embedded videos in “[What is virtual reality and how does it work?](https://filmora.wondershare.com/virtual-reality/how-does-vr-work.html)” * **Course Project: Complete paper for Week 4.** |
| 5 |  | Information Systems Project Management – Initiation & Planning   * Read and Annotate Chapters 10 & 11 in Perusall.com * Watch the following videos:   + [What is project management? Into in 7 Minutes.](https://www.youtube.com/watch?v=hr68bgoP4z4)   + [The Typical Phases in Project Management](https://www.youtube.com/watch?v=sLgdRO5IS9U&t=1s)   + [Project Planning for Beginners](https://www.youtube.com/watch?v=ZWmXi3TW1yA)   + [3 Tips to Perfect the Project Planning Process](https://www.youtube.com/watch?v=MUXLDRv3EpE)   + [What is a Work Breakdown Structure?](https://www.youtube.com/watch?v=wEWhnodF6ig)   + [How to Schedule Your Next Project](https://www.youtube.com/watch?v=LUy5FwPGq84)   + [Basics of Project Cost Management](https://www.youtube.com/watch?v=EyPFi0YO32M)   + [How to Baseline a Project Scope](https://www.youtube.com/watch?v=64bHiW6K77c)   + [How to Estimate your Project](https://www.youtube.com/watch?v=rN0FrDpQNUk)   + [What is Risk Management in Projects?](https://www.youtube.com/watch?v=x7A9idByPA4)   + [Agile Project Management](https://www.youtube.com/watch?v=DvBKevrItcc&t=87s) * Read the following articles:   + [4 things to consider when planning a system implementation project](https://insights.crosscountry-consulting.com/4-things-to-consider-when-planning-a-system-implementation-project)   + [4 business process reengineering questions your business should be asking](https://www.huffpost.com/entry/four-business-process-reengineering_b_9797512)   + [Ten key considerations for the successful implementation of large-scale health information technology](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3715363/) * **Paper: Business Intelligence Case Study Analysis.** |
| 6 |  | Information Systems Project Management – Execution   * Read and Annotate Chapter 12 in Perusall.com * Watch the following videos:   + [IT Project Management – Execution and Control Phase](https://www.visual-paradigm.com/tour/project-management/it-project-management-lifecycle-execution_n_control.jsp)   + [How to Successfully Execute a Project Plan](https://www.youtube.com/watch?v=802yQd8TNf8)   + [Project Tracking: How to track & Manage your Projects](https://www.youtube.com/watch?v=AQnu_zxCETI)   + [Top 3 Project Tracking Tools](https://www.youtube.com/watch?v=OZIbxOLzzSA)   + [What is software testing & why is it important?](https://www.youtube.com/watch?v=TDynSmrzpXw)   + [Seven Testing Principles: Software Testing](https://www.youtube.com/watch?v=rFaWOw8bIMM&amp;t=39s) |
| 7 |  | Managing Change   * Read and Annotate Chapters 13 & 14 in Perusall.com * **Watch the Following Videos:**   + [Lewin’s change management model](https://www.youtube.com/watch?time_continue=103&v=uhrbO7lrHro)   + [Kotter’s 8-Step change model](https://www.youtube.com/watch?v=xMhfhuB2SME)   + [Nudge Theory](https://www.youtube.com/watch?v=QzGk_1Zjr14)   + Read “[10 Principles of Change Management”](https://www.strategy-business.com/article/00255?gko=9d35b) AND watch the embedded video “How to Lead Change Management” * **Course Project: Complete paper for Week 7.** |
| 8 |  | FINALS WEEK   * **Indiv: Final Case Study #3** |