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|  | The University of Texas at ArlingtonTop of FormBottom of FormCollege of Business Administration |

***INSY 6301* Foundation of Information Systems Research *Fall, 2018***

 **Wednesday 2 – 4:50 PM Room: COBA 141**

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| **Instructor:** Sridhar Panchapakesan Nerur |
| **Office Number:** COBA (Business Building) Room 518 |
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**Faculty Profile:** https://mentis.uta.edu/public/#profile/profile/edit/id/1030/category/1

**Office Hours: Wed. 1:00-2:00 p.m. or** by appointment

**Section Information:** INSY 6301 / Section 001

**Time and Place of Class Meetings:** W 2:00 – 4:50 p.m. COBA 141

# Course Objectives

This course introduces you to the world of IS & Analytics research. The first and foremost objective of this course is to nurture you into a first-rate scholar for the IS field. We will provide a stimulating environment for the first phase of your development and growth as a scholar. We will foster the ability to critically think and constructively criticize research papers in the IS field, as well as begin to form the foundation for building your own schema for the field. In addition, we will provide each student an opportunity to conduct a research study. Our goal is to help you publish in top IS journals while still in the doctoral program.

Specifically, this course will provide:

1. An overview of key articles pertaining to the area of Information Systems and Business Analytics, and introduce key theoretical perspectives that allow IS phenomena to be examined from different vantage points. The underlying theories include transaction cost economics, theory of reasoned action and planned behaviors, resource-based view of a firm, and distributed cognition theory, to name but a few.
2. A broad survey of research studies related to IS/IT management that illustrate the applications of the various theoretical perspectives. Topics for the course include, but may not be limited to:
* business analytics
* knowledge management
* IS use and success
* Business value of IT
* Agile software development
* IS strategy and management
* Business Analytics
* Social Networks
1. A broad but in-depth coverage of the research methodologies and the current theoretical frontier in the IS field.

**Course Requirements**

A list of readings will be made available to students for each topic. Students are expected to read all research papers assigned for a given week before the class and actively engage in seminar discussions. Each paper will be assigned to an individual student who will prepare a review of the assigned article and lead the discussion on that paper during class.  This review should include: 1) a summary of the paper, 2) strength of the paper in theory, methodology, and contribution of findings, and 3) weakness of the paper in theory, methodology, etc..

**Evaluation**

Evaluation of student performance will be based on the following scheme:

Class participation and paper summaries 25%

Lit Review Mini-Project 25%

Social Networks Mini-Project 25%

Final Research Paper 25%

**Your final grade will depend on how well you perform relative to peers in your class.**

**Mini-Projects**

50% of your grade depends on two mini-projects. Details of these will be provided in class. Both the mini-projects have to be presented in class.

**Research Assignment -** *Research Paper and research paper presentation*

25% of your grade depends on your ability to write a research paper and present it to the class. The topic that you choose should be in your primary field of research. From my perspective, the exercise of writing a paper should:

1. Give you an opportunity to identify and research a potential dissertation topic; and
2. Enable you to submit it to a conference or a journal for possible publication.

The general format for the research paper is as follows:

Abstract: Provide a high-level summary of your research (150-200 words)

Introduction: Try to answer the following questions:

1. What is the motivation for the study?
2. What are the research questions?
3. Why is it important to address these research questions?
4. What are the objectives of the paper?
5. What are the contributions of the paper?

Background literature: Are you using a reference discipline? Is your research anchored in some theory? If you plan to formulate a research model, clearly provide the references that support your arguments/logical conclusions, etc.

Research Model (if any)/Propositions

Findings/Results (if any)

Summary & Conclusions

References

**Attendance:** At The University of Texas at Arlington, taking attendance is not required. Rather, each faculty member is free to develop his or her own methods of evaluating students’ academic performance, which includes establishing course-specific policies on attendance. As the instructor of this section,I will consider attendance mandatory for all lectures.

**Exams**: The final exam will be comprehensive covering all the contents.

**Expectations for Out-of-Class Study**: Beyond the time required to attend each class meeting, students enrolled in this course should expect to spend at least an additional 9 to 12 hours per week of their own time in course-related activities, including reading required materials and working on the research paper and presentation.

**UNIVERSITY and COLLEGE POLICIES**

**Grade Grievances**: Any appeal of a grade in this course must follow the procedures and deadlines for grade-related grievances as published in the current University Catalog. Policy details may be obtained from:

<http://catalog.uta.edu/academicregulations/grades/#graduatetext>. <http://www.uta.edu/deanofstudents/student-complaints/index.php>.

**Drop Policy:** Students may drop or swap (adding and dropping a class concurrently) classes through self-service in MyMav from the beginning of the registration period through the late registration period. After the late registration period, students must see their academic advisor to drop a class or withdraw. Undeclared students must see an advisor in the University Advising Center. Drops can continue through a point two-thirds of the way through the term or session. It is the student's responsibility to officially withdraw if they do not plan to attend after registering. **Students will not be automatically dropped for non-attendance**. Repayment of certain types of financial aid administered through the University may be required as the result of dropping classes or withdrawing. For more information, contact the Office of Financial Aid and Scholarships (<http://wweb.uta.edu/aao/fao/>).

**Disability Accommodations:** UT Arlington is on record as being committed to both the spirit and letter of all federal equal opportunity legislation, including *The Americans with Disabilities Act (ADA), The Americans with Disabilities Amendments Act (ADAAA),* and *Section 504 of the Rehabilitation Act.* All instructors at UT Arlington are required by law to provide “reasonable accommodations” to students with disabilities, so as not to discriminate on the basis of disability. Students are responsible for providing the instructor with official notification in the form of a letter certified by the **Office for Students with Disabilities (OSD).** Students experiencing a range of conditions (Physical, Learning, Chronic Health, Mental Health, and Sensory) that may cause diminished academic performance or other barriers to learning may seek services and/or accommodations by contacting:

**The Office for Students with Disabilities, (OSD)** [www.uta.edu/disability](http://www.uta.edu/disability) or calling 817-272-3364.

**Counseling and Psychological Services, (CAPS)** [www.uta.edu/caps/](http://www.uta.edu/caps/) or calling 817-272-3671.

Only those students who have officially documented a need for an accommodation will have their request honored. Information regarding diagnostic criteria and policies for obtaining disability-based academic accommodations can be found at [www.uta.edu/disability](http://www.uta.edu/disability) or by calling the Office for Students with Disabilities at (817) 272-3364.

Counseling and Psychological Services (CAPS) [www.uta.edu/caps/](http://www.uta.edu/caps/) or calling 817-272-3671 is also available to all students to help increase their understanding of personal issues, address mental and behavioral health problems and make positive changes in their lives.

**Non-Discrimination Policy:** *The University of Texas at Arlington does not discriminate on the basis of race, color, national origin, religion, age, gender, sexual orientation, disabilities, genetic information, and/or veteran status in its educational programs or activities it operates. For more information, visit*[*uta.edu/eos*](http://www.uta.edu/hr/eos/index.php)*.*

**Title IX:** The University of Texas at Arlington (“University”) is committed to maintaining a learning and working environment that is free from discrimination based on sex in accordance with Title IX of the Higher Education Amendments of 1972 (Title IX), which prohibits discrimination on the basis of sex in educational programs or activities; Title VII of the Civil Rights Act of 1964 (Title VII), which prohibits sex discrimination in employment; and the Campus Sexual Violence Elimination Act (SaVE Act). Sexual misconduct is a form of sex discrimination and will not be tolerated.*For information regarding Title IX, visit* [www.uta.edu/titleIX](http://www.uta.edu/titleIX) or contact Ms. Jean Hood, Vice President and Title IX Coordinator at (817) 272-7091 or [jmhood@uta.edu](file:///C%3A%5CUsers%5Channabas%5CAppData%5CLocal%5CMicrosoft%5CWindows%5CTemporary%20Internet%20Files%5CContent.Outlook%5C697W32M3%5Cjmhood%40uta.edu).

**Academic Integrity:** Students enrolled all UT Arlington courses are expected to adhere to the UT Arlington Honor Code:

*I pledge, on my honor, to uphold UT Arlington’s tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence.*

*I promise that I will submit only work that I personally create or contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.*

UT Arlington faculty members may employ the Honor Code in their courses by having students acknowledge the honor code as part of an examination or requiring students to incorporate the honor code into any work submitted. Per UT System *Regents’ Rule* 50101, §2.2, suspected violations of university’s standards for academic integrity (including the Honor Code) will be referred to the Office of Student Conduct. Violators will be disciplined in accordance with University policy, which may result in the student’s suspension or expulsion from the University. Additional information is available at <https://www.uta.edu/conduct/>.

**Electronic Communication:** UT Arlington has adopted MavMail as its official means to communicate with students about important deadlines and events, as well as to transact university-related business regarding financial aid, tuition, grades, graduation, etc. All students are assigned a MavMail account and are responsible for checking the inbox regularly. There is no additional charge to students for using this account, which remains active even after graduation. Information about activating and using MavMail is available at <http://www.uta.edu/oit/cs/email/mavmail.php>.

**Campus Carry:** Effective August 1, 2016, the Campus Carry law (Senate Bill 11) allows those licensed individuals to carry a concealed handgun in buildings on public university campuses, except in locations the University establishes as prohibited. Under the new law, openly carrying handguns is not allowed on college campuses. For more information, visit <http://www.uta.edu/news/info/campus-carry/>

**Student Feedback Survey:** At the end of each term, students enrolled in classes categorized as “lecture,” “seminar,” or “laboratory” shall be directed to complete an online Student Feedback Survey (SFS). Instructions on how to access the SFS for this course will be sent directly to each student through MavMail approximately 10 days before the end of the term. Each student’s feedback enters the SFS database anonymously and is aggregated with that of other students enrolled in the course. UT Arlington’s effort to solicit, gather, tabulate, and publish student feedback is required by state law; students are strongly urged to participate. For more information, visit <http://www.uta.edu/sfs>.

**Final Review Week:** A period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week *unless specified in the class syllabus*. During Final Review Week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week. During this week, classes are held as scheduled. In addition, instructors are not required to limit content to topics that have been previously covered; they may introduce new concepts as appropriate.

**Emergency Exit Procedures:** Should we experience an emergency event that requires us to vacate the building, students should exit the room and move toward the nearest exit. When exiting the building during an emergency, one should never take an elevator but should use the stairwells. Faculty members and instructional staff will assist students in selecting the safest route for evacuation and will make arrangements to assist individuals with disabilities.

**Student Support Services**:UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals, students may visit the reception desk at University College (Ransom Hall), call the Maverick Resource Hotline at 817-272-6107, send a message to resources@uta.edu, or view the information at <http://www.uta.edu/universitycollege/resources/index.php>

University Tutorial & Supplemental Instruction (Ransom Hall 205): UTSI offers a variety of academic support services for undergraduate students, including: 60 minute one-on-one [tutoring](http://www.uta.edu/universitycollege/current/academic-support/learning-center/tutoring/index.php) sessions, [Start Strong](http://www.uta.edu/universitycollege/current/academic-support/learning-center/tutoring/start-strong.php) Freshman tutoring program, and [Supplemental Instruction](http://www.uta.edu/universitycollege/current/academic-support/learning-center/si/index.php). Office hours are Monday-Friday 8:00am-5:00pm. For more information visit [www.uta.edu/utsi](http://www.uta.edu/utsi) or call 817-272-2617.

The IDEAS Center (2nd Floor of Central Library) offers FREE tutoring to all students with a focus on transfer students, sophomores, veterans and others undergoing a transition to UT Arlington. Students can drop in, or check the schedule of available peer tutors at www.uta.edu/IDEAS, or call (817) 272-6593.

The English Writing Center (411LIBR): The Writing Center offers FREE tutoring in 15-, 30-, 45-, and 60-minute face-to-face and online sessions to all UTA students on any phase of their UTA coursework. Register and make appointments online at https://uta.mywconline.com. Classroom visits, workshops, and specialized services for graduate students and faculty are also available. Please see [www.uta.edu/owl](http://www.uta.edu/owl) for detailed information on all our programs and services.

The Library’s 2nd floor Academic Plaza offers students a central hub of support services, including IDEAS Center, University Advising Services, Transfer UTA and various college/school advising hours. Services are available during the library’s hours of operation. <http://library.uta.edu/academic-plaza>

You may also find the following information useful:

Library Home Page <http://www.uta.edu/library>

Subject Guides [http://libguides.uta.edu](http://libguides.uta.edu" \t "_blank)

Subject Librarians [http://www.uta.edu/library/help/subject-librarians.php](http://www.uta.edu/library/help/subject-librarians.php%22%20%5Ct%20%22_blank)

Course Reserves [http://pulse.uta.edu/vwebv/enterCourseReserve.do](http://pulse.uta.edu/vwebv/enterCourseReserve.do%22%20%5Ct%20%22_blank)

Library Tutorials [http://www.uta.edu/library/help/tutorials.php](http://www.uta.edu/library/help/tutorials.php%22%20%5Ct%20%22_blank)

Connecting from Off- Campus [http://libguides.uta.edu/offcampus](http://libguides.uta.edu/offcampus%22%20%5Ct%20%22_blank)

Ask A Librarian [http://ask.uta.edu](http://ask.uta.edu/%22%20%5Ct%20%22_blank)

**Emergency Phone Numbers**: In case of an on-campus emergency, call the UT Arlington Police Department at **817-272-3003** (non-campus phone), **2-3003** (campus phone). You may also dial 911. Non-emergency number 817-272-3381

**Active Shooter:**

**Stop. Think. Protect Yourself. You Have Choices.**

The safety and security of our campus is the responsibility of everyone in our community. Each of us has an obligation to be prepared to appropriately respond to threats to our campus, such as an active aggressor.

This graphic provides each member of the UTA community with information and options for responding to an active threat. These options are not chronological, but are designed to address dynamic situations. Assess the situation (your location, the location of the threat, type of threat, etc.), identify and weigh your options, develop a plan of action and commit to it.

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| **YOUR OPTIONS TO AN ACTIVE THREAT**  |
| **You Have Choices!** |
| **A****V****O****I****D** | * **AVOID** the situation. Stay away from the area and campus.
* If you can safely leave the area, RUN.
* Get others to leave the area, if possible.
* Prevent others from entering the area.
 | * Know your exit and escape options.
* If in a parking lot, get to your car and leave.
* If in an unaffected area, stay where you are.
* When you are safe, call UTA PD at 817. 272.3003 or 911 with information you have.
 |
| **D****E****N****Y** | If you can’t leave the area safely, **DENY** or slow entry to the intruder: |
| * Lock/barricade doors with heavy items.
* Turn off lights/projectors/equipment.
* Close blinds and block windows.
* Stay away from doors and windows.
 | * Silence phones and **remain quiet**. Don’t let your phone give you away.
* HIDE and take cover to protect yourself.
* Be prepared to run or defend yourself.
 |
| **D****E****F****E****N****D** | If you can’t AVOID or DENY entry to the intruder, **DEFEND** your location: |
| * As a last resort, FIGHT for your life.
* Use physical force and any weapons available - fire extinguishers, books, chairs, belts, umbrellas, pens/scissors, hot coffee/drinks, trash cans, etc.
 | * Use the element of surprise.
* Work together as a team. Develop a plan. Commit to your actions. Your life depends on it.
* Be aggressive, loud, and determined in your actions.
 |
| **Follow ALL instructions.****For more information, go to:** [**police.uta.edu/activeshooter**](https://police.uta.edu/activeshooter) |
|  | Emergency: 817.272.3003Non-Emergency: 817.272.3381police.uta.edu |

Additional information for active threat and other emergency situations can be found through the links below:

[police.uta.edu/activeshooter](https://na01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fpolice.uta.edu%2Factiveshooter&data=02%7C01%7C%7C72bad73120ce4fe0345908d5fec639e5%7C5cdc5b43d7be4caa8173729e3b0a62d9%7C0%7C0%7C636695049695960185&sdata=08ECLBwRL1fOGeVOAKE9ZC1e5jIXKd6gXrrS8vl%2F8rE%3D&reserved=0)

police.uta.edu/em

**Tentative Class Schedule**

***Week 1:***

* Introduction and orientation
* Elements of a good research paper
* Importance of literature review
* How to do a literature review

***Week 2: Focus on text analysis and citation analysis***

 ***Readings:***

* Kapoor, K.K., Tamilmani, K., Rana, N.P., Patil, P., Dwivedi, Y.K., and Nerur, S. “Advances in Social Media Research: Past, Present and Future,” *Information Systems Frontiers*, 2017, pp. 1-28. Available online at <https://doi.org/10.1007/s10796-017-9810-y>
* Dwivedi, R. and Nerur, S. “Intellectual Structure of Business Analytics in Information Systems,” Proceedings of the *Americas Conference on Information Systems*, 2017
* “Cloud computing research in the IS discipline: A citation/ co-citation analysis” Nianxin Wang, Huigang Liang, Yu Jia, Shilun Ge , Yajiong Xue, and Zhining Wang, *Decision Support Systems*, 86, 2016, p. 35-47.
* Nerur, S.**,** Rasheed, A., and Natarajan, V., “The Intellectual Structure of the Strategic Management Field: An Author Co-citation Analysis,” *Strategic Management Journal*, 29, 2008, 319-336.
* Sircar, S., Nerur, S., and Mahapatra, R., “Revolution or Evolution: A Comparison of Object-Oriented and Structured Systems Development Methods,” MIS Quarterly, Volume 25, Number 4, December 2001, pp. 457-471.

***Week 3***: ***Focus on social network analysis***

 ***Readings:***

* [A SOCIAL NETWORK-BASED INFERENCE MODEL FOR VALIDATING CUSTOMER PROFILE DATA.](http://web.a.ebscohost.com.ezproxy.uta.edu/bsi/viewarticle?data=dGJyMPPp44rp2%2fdV0%2bnjisfk5Ie46bZMt6eyUbCk63nn5Kx68d%2b%2bUK2ns0ewpq9MnqeuUrOsuEi1ls5lpOrweezp33vy3%2b2G59q7UbWstk%2byrLNJpOLfhuWz44ak2uBV4OrmPvLX5VW%2fxKR57LO2S7KstEmxpqR%2b7ejrefKz5I3q4vJ99uoA&hid=4106) By: Sung-Hyuk Park; Soon-Young Huh; Wonseok Oh; Sang Pil Han. **MIS Quarterly***.* Dec2012, Vol. 36 Issue 4, p1217-1237. 21p. 3 Diagrams, 3 Charts, 6 Graphs.
* [Networks, Social Influence, and the Choice Among Competing Innovations: Insights from Open Source Software Licenses.](http://web.a.ebscohost.com.ezproxy.uta.edu/bsi/viewarticle?data=dGJyMPPp44rp2%2fdV0%2bnjisfk5Ie46bZMt6eyUbCk63nn5Kx68d%2b%2bUK2ns0ewpq9MnqeuUrOsuEi1ls5lpOrweezp33vy3%2b2G59q7UbWstk%2byrLNJpOLfhuWz44ak2uBV4OrmPvLX5VW%2fxKR57LO3SK%2bqsk%2bxraR%2b7ejrefKz5I3q4vJ99uoA&hid=4106)  By: Singh, Param Vir; Phelps, Corey. **Information Systems Research***.* Sep2013, Vol. 24 Issue 3, p539-560. 22p. 4 Charts. DOI: 10.1287/isre.1120.0449.
* [Toward a Better Measure of Business Proximity: Topic Modeling for Industry Intelligence](http://www.misq.org/skin/frontend/default/misq/pdf/Abstracts/13471_SI_BD_ShiLeeAbstract.pdf)
Zhan (Michael) Shi, Gene Moo Lee, and Andrew B. Whinston, MIS Quarterly, 2016.
* Yin, D., Bond, S., & Zhang, H. (2014). Anxious or angry? Effects of discrete emotions on the perceived helpfulness of online reviews. MIS Quarterly, 38(2), 539–560.

***Week 4:***

* [Deriving the pricing power of product features by mining consumer reviews](http://pubsonline.informs.org/doi/abs/10.1287/mnsc.1110.1370), N Archak, [A Ghose](http://scholar.google.com/citations?user=oQHsB5kAAAAJ&hl=en&oi=sra), [PG Ipeirotis](http://scholar.google.com/citations?user=PA9La6oAAAAJ&hl=en&oi=sra), Management Science, 2011
* [EMERGENCE OF POWER LAWS IN ONLINE COMMUNITIES: THE ROLE OF SOCIAL MECHANISMS AND PREFERENTIAL ATTACHMENT.](http://web.a.ebscohost.com.ezproxy.uta.edu/bsi/viewarticle?data=dGJyMPPp44rp2%2fdV0%2bnjisfk5Ie46bZMt6eyUbCk63nn5Kx68d%2b%2bUK2ns0ewpq9MnqeuUrOsuEi1ls5lpOrweezp33vy3%2b2G59q7UbWstk%2byrLNJpOLfhuWz44ak2uBV4OrmPvLX5VW%2fxKR57LO3T7CstU60q6R%2b7ejrefKz5I3q4vJ99uoA&hid=4106)  Johnson, Steven L.; Faraj, Samer; Kudaravalli, Srinivas. MIS Quarterly. Sep2014, Vol. 38 Issue 3, p795-A13. 27p.
* [CONTENT SHARING IN A SOCIAL BROADCASTING ENVIRONMENT: EVIDENCE FROM TWITTER.](http://web.a.ebscohost.com.ezproxy.uta.edu/bsi/viewarticle?data=dGJyMPPp44rp2%2fdV0%2bnjisfk5Ie46bZMt6eyUbCk63nn5Kx68d%2b%2bUK2ns0ewpq9MnqeuUrOsuEi1ls5lpOrweezp33vy3%2b2G59q7UbWstk%2byrLNJpOLfhuWz44ak2uBV4OrmPvLX5VW%2fxKR57LO3TK6msUuwqKR%2b7ejrefKz5I3q4vJ99uoA&hid=4106)  Zhan Shi; Huaxia Rui; Whinston, Andrew B. **MIS Quarterly***.* Mar2014, Vol. 38 Issue 1, p123-A6. 26p.
* K. Srinivasan, F. Currim and S. Ram, "Predicting High Cost Patients at Point of Admission using Network Science," in *IEEE Journal of Biomedical and Health Informatics*.doi: 10.1109/JBHI.2017.2783049
URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8194838&isnumber=6363502>

***Week 5:***

* Mini-project presentations (Max. 20 minutes per student)
* Liu, J. and Ram, S. “Using big data and network analysis to understand Wikipedia article quality”, Data and Knowledge Engineering, [Volume 115](https://www.sciencedirect.com/science/journal/0169023X/115/supp/C), May 2018, Pages 80-93
* Shin, Donghyuk and He, Shu and Lee, Gene Moo and Whinston, Andrew B. and Cetintas, Suleyman and Lee, Kuang-Chih, Enhancing Social Media Analysis with Visual Analytics: A Deep Learning Approach (December 31, 2017). Available at SSRN: [https://ssrn.com/abstract=2830377](https://ssrn.com/abstract%3D2830377%22%20%5Ct%20%22_blank) or [http://dx.doi.org/10.2139/ssrn.2830377](https://dx.doi.org/10.2139/ssrn.2830377%22%20%5Ct%20%22_blank)

***Week 6:***

1. Nerur, S., Mahapatra, R. and Mangalaraj, G, "Challenges of Migrating to Agile Methodologies", *Communications of the ACM*, Vol. 48, No. 5, May 2005, pp. 72-78.
2. Nerur, S. and Balijepally, V., “Theoretical Reflections on Agile Development Methodologies,” *Communications of the ACM*, March 2007, Vol. 50, Issue 3, p. 79-83.
3. Nerur, S., Cannon, A., Balijepally, V. and Bond, P. “Towards an Understanding of the Conceptual Underpinnings of Agile Development Methodologies,” Dingosoyr, T., Dyba, T. and Moe, N.B. (eds.,) in *Agile Software Development: Current Research and Future Directions*, Springer-Verlag Berlin Heidelberg, 2010, 15-29.
4. Mangalaraj, G., Mahapatra, R., and Nerur, S., “Acceptance of Software Process Innovations –The Case of Extreme Programming,” *European Journal of Information Systems*, 18(4), August 2009, 344-354.

***Week 7:***

1. Balijepally, V., Mahapatra, R., Nerur, S., and Price, K. “Are Two Heads Better Than One for Software Development? The Productivity Paradox of Pair Programming,” *MIS Quarterly*, 33(1), March 2009, 91-118.
2. Mangalaraj, G., Nerur, S., Mahapatra, R. and Price, K. “Enhancing Software Design Task Performance: An Experimental Investigation of the Role of Design Patterns and Collaboration,” *MIS Quarterly, March 2014*.
3. Balijepally, V., Nerur, S. and Mahapatra, R. “Effect of Task Mental Models on Software Developer’s Performance: An Experimental Investigation,” Communications of the Association for Information Systems, Volume 36, 2015.
4. “The impact of information technology and transactive memory systems on knowledge sharing, application, and team performance: a field study.” By: Sue Young Choi; Heeseok Lee; Youngjin Yoo*.* MIS Quarterly, Dec2010, Vol. 34 Issue 4, pp. 855-870.

***Week 8:***

* Student mini-project presentations (max. 20 minutes per student)
* Brynjolfsson, E., & Hitt, L. M. (2000). Beyond computation: Information technology, organizational transformation and business performance. *The Journal of Economic Perspectives*, 23-48.
* “From IT Leveraging Competence to Competitive Advantage in Turbulent Environments: The Case of New Product Development, “ By: Paul A. Pavlou and Omar A. El Sawy, Information Systems Research***,*** Vol. 17, No. 3, September 2006, pp. 198–227
* “[Firm Performance Impacts of Digitally Enabled Supply Chain Integration Capabilities](http://emisq.aisnet.org/pdf.asp?VPath=30-02&PDFPath=RaiPatnayakuni.pdf),” By: Arun Rai, Ravi Patnayakuni, and Nainika Seth, MIS Quarterly, VOLUME 30 ISSUE 2 - JUNE 2006.

***Week 9:***

* “[User Acceptance of Information Technology: Toward a Unified View](http://emisq.isworld.org/pdf.asp?VPath=27-03&PDFPath=venkatesh.pdf),” By: Viswanath Venkatesh, Michael G. Morris, Gordon B. Davis, and Fred D. Davis*,* MIS Quarterly, Vol. 27, No. 3, Sept. 2003.
* “Understanding and predicting electronic Commerce adoption: an extension of The theory of planned behavior,” By: Pavlou, Paul A.; Fygenson, Mendel*.* **MIS Quarterly**, Mar2006, Vol. 30 Issue 1, p115-143.
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***Week 13:***

* “Understanding information systems continuance: An expectation-confirmation model,” By:Bhattacherjee, A. *MIS Quarterly, 2001, 25*(3), pp. 351-370.
* Burton-Jones, Andrew, & Gallivan, Michael J. (2007). Toward a deeper understanding of system usage in organizations: A multilevel perspective. MIS Quarterly, 31(4), 657–679.
* “Reconceptualizing System Usage: An Approach and Empirical Test,” By: Andrew Burton-Jones and Detmar W. Straub, Jr. **Information Systems Research**, Sep2006, Vol. 17 Issue 3, pp. 228-246.
* “[Understanding user revisions when using information system features: adaptive system use and trigger,”](http://libproxy.uta.edu:5745/ehost/viewarticle?data=dGJyMPPp44rp2%2fdV0%2bnjisfk5Ie46bZMt6eyUbCk63nn5Kx95uXxjL6urUqupbBIr6ieTLiosFKvqZ5oy5zyit%2fk8Xnh6ueH7N%2fiVa%2bvsFCxprZLrqmkhN%2fk5VXj5KR84LPgjOac8nnls79mpNfsVbWqtUm1pq9IpNztiuvX8lXk6%2bqE8tv2jAAA&hid=121) By: Sun, Heshan. **MIS Quarterly***.* Jun2012, Vol. 36 Issue 2, p453-478.

***Week 14:***

* “Development of an Instrument to Measure the Perceptions of Adopting an Information Technology Innovation,” By: Moore, Gary C.; Benbasat, Izak. Information Systems Research, Vol. 2, No. 3, Sept. 1991.

* [Absorptive capacity and information systems research: review, synthesis, and directions for future research.](http://libproxy.uta.edu:5745/ehost/viewarticle?data=dGJyMPPp44rp2%2fdV0%2bnjisfk5Ie46bZMt6eyUbCk63nn5Kx95uXxjL6urUqupbBIr6ieTLiosFKvqZ5oy5zyit%2fk8Xnh6ueH7N%2fiVa%2bvsFCxprZLrqmkhN%2fk5VXj5KR84LPgjOac8nnls79mpNfsVbWqtU20rLVQpNztiuvX8lXk6%2bqE8tv2jAAA&hid=121" \o "ABSORPTIVE CAPACITY AND INFORMATION SYSTEMS RESEARCH: REVIEW, SYNTHESIS, AND DIRECTIONS FOR FUTURE RESEARCH. ) By: Roberts, Nicholas; Galluch, Pamela S.; Dinger, Michael; Grover, Varun. **MIS Quarterly***.* Jun2012, Vol. 36 Issue 2, p625-A6.
* "Information Technology Innovations: General Diffusion Patterns and its Relationships to Innovation Characteristics," By J. Teng,, V. Grover and Wolfgang Guttler, IEEE Transactions on Engineering Management. Vol. 49, No. 1, 2002, pp. 13-27.
* “Assimilation of Enterprise Systems: the Effect of Institutional Pressures and the Mediating Role of Top Management,” By: Huigang Liang; Saraf, Nilesh; Qing Hu; Yajiong Xue*.* MIS Quarterly, Mar2007, Vol. 31 Issue 1, pp. 59-87.
* “Reconceptualizing Compatibility Beliefs in Technology Acceptance Research By:
Elena Karahanna, Ritu Agarwal, and Corey M. Angst , MIS Quarterly, VOLUME 30 ISSUE 4 - DECEMBER 2006.

***Week 15:***

Student research presentations.

**FINAL EXAM: December 12, 2018 from 2:00 to 4:30 p.m.**

NOTE: *As the instructor for this course, I reserve the right to adjust this schedule in any way that serves the educational needs of the students enrolled in this course. Students are responsible to be aware of changes announced in class and/or via Blackboard. – Sridhar P Nerur*

**Kindly check the Academic Calendar for important dates**.