



SYLLABUS
IT 6423: IT SYSTEMS ACQUISITION AND INTEGRATION
FALL 2024

COLLEGE OF COMPUTING AND SOFTWARE ENGINEERING
DEPARTMENT OF INFORMATION TECHNOLOGY

Note

This syllabus provides a general guideline for the conduct of this course. However, deviations may be necessary and will be notified during the semester.

Course Information

Class meeting time: **Thursday 6:30 pm - 7:45 pm (Atrium Building, Room J157)** [For Hybrid Section]
Asynchronous [For Online Section]

Instructor

Name: **Dr. Nazmus Sakib, Assistant Professor of Information Technology**
(Director of mHealth Lab, J310)

KSU E-mail: nsakib1@kennesaw.edu (preferred)

Office Location: J-309

Office Hours: **M, R 10 AM – 2 PM (in-office)**; Virtual Meetings (by Appointment)

Course Communication:

- **KSU Email** is the best way to reach the instructor. **Avoid** D2L email if possible.
- Students' emails will be replied to by the end of the next day during the weekday. Weekends and holidays don't apply.
- Put the course number in the subject line. Emails without proper subject lines will not be replied to.
- Avoid using personal email. Sensitive information (such as your grades) can **ONLY** be sent to D2L email or KSU email account.

Course Description

Prerequisites/Corequisites: IT5413 or IT5433

Required Texts: N/A

Recommended Texts: None

Course Description:

This course introduces the concepts, practices, technologies, and systems of business intelligence and analytics, which supports data-driven insights generation and decision-making. The complete process of BI is covered using modern BI tools, from data gathering, modeling, analysis, reporting, and visualization.

Technology Requirements:

- This class uses D2L as hosting site. Run a system check to ensure your computer works with D2L. Check out UITS D2L training: <http://uits.kennesaw.edu/support/d2ltraining.php>.
- Internet Connection. A high-speed Internet connection such as DSL or cable Internet access is highly recommended. You may also use computer labs on campus to complete the coursework.
- A web camera may be required for a student to take quizzes/exam.

Official course website: D2L Brightspace <https://kennesaw.view.usg.edu>

- Refer to this website for all official teaching and learning materials and activities.
- It's important to know how to use this learning management system for: following learning modules, submitting assignments, checking grades and feedback, downloading files, participating discussion boards, etc.
- Please check the course site regularly for important announcements and other issues.

Student Learning Outcomes

By the end of this course, a student should be able to:

1. Define and discuss major concepts, tools, techniques, and methods important to managing organizations and acquiring and integration of their information technology, including:
 - Adding value through IT
 - IT sourcing strategies
 - IT systems acquisition life cycle
 - Requests for proposal (RFP)
 - Business process modeling (through IT system requirements)
2. Recommend a particular IT sourcing strategy for a given situation.
3. Model business processes (through IT system requirements) and evaluate the usefulness of best-practice life cycles and frameworks in IT system acquisition and integration.
4. Create a request for proposal (RFP) with associated materials to acquire an IT system and integrate it into existing IT operations to effectively meet business needs and requirements.

Course Requirements and Assignment, Evaluation and Grading Policies

Weight Distribution

Course Requirements	Points	Percent of Final Grade
Attendance and Class Interactions	30	~09%
Individual HWs (35+35)	70	~20%
Group Research Presentations (25+25+25+25)	100	~29%
Group Research Assignments (25+25+25+25+50)	150	~43%
Total:	350	100%
*Bonus Assignment and Points (Optional): [30 points] Attending and Completing CCSE Micro-Credential: Workforce Readiness Essentials for Computing Professionals Module 4 (Business Process Management Certificate)		

Grading Scale: Exact cutoffs for specific grades will depend on the level of difficulty of exams and assignments. These cutoffs will be determined once the Final Exam has been graded. However, the cutoffs are roughly as follows.

Percentage	Remarks	Final Grade
90% - 100%	Excellent	A

80% - 89%	Good	B
70% - 79%	Satisfactory	C
60% - 69%	Passing, but less than satisfactory	D
0% - 59%	Failing	F

Course Schedule

The course schedule is tentative and is subject to change **(both hybrid and online sections)**.

Weeks		Date	Topic
Phase 1 Acclimation & Individual Works	Week 01- 07	August 12– September 27	<ul style="list-style-type: none"> • Introduction; Discussing syllabus/expectations/overarching goals (Week 01) • IT and Business Value; IT Sourcing Strategies (Week 02-03) • HW 1 (Deadline: August 31, 2024, Saturday) • IT Systems Acquisition Lifecycles (Week 04) • Discussing Group Research Project on developing RFPs • Group Formulation (Deadline: September 10, 2024, Tuesday) • Requests for Proposals (RFPs) (Week 05-06) • HW 2 (Deadline: September 21, 2024, Saturday)
Phase 2 Group Works	Week 08- 15	September 30- November 22	<ul style="list-style-type: none"> • Theoretical Discussions on the relevant project phase • Group Research Assignment 1 (Deadline: October 05, 2024) • Group Research Presentation 1 (October 03 and October 10, 2024) • Theoretical Discussions on the relevant project phase • Group Research Assignment 2 (Deadline: October 19, 2024) • Group Research Presentation 2 (October 17 and October 24, 2024) • Theoretical Discussions on the relevant project phase • Group Research Assignment 3 (Deadline: November 02, 2024) • Group Research Presentation 3 (October 31 and November 07, 2024) • Theoretical Discussions on the relevant project phase • Group Research Assignment 4 (Deadline: November 16, 2024) • Group Research Presentation 4 (November 14 and November 21, 2024)
Phase 3 Conclusion	FINAL EXAM	Nov 25 - Dec 06	<ul style="list-style-type: none"> • Group Research Assignment 5 (Deadline: December 06, 2024)

Course Policies

Course Attendance Policy

- For the on-campus/hybrid section, students are expected to come to each class on time. Stay during the whole class period.
- For both campus/hybrid and online sections, students' attendance is also measured by how often a student login in D2L course website, participation of online discussion, as well as on-time completion of homework.

Grading Items Turnaround Time *[Below are recommended turnaround time, you may make adjustment as needed]*

- The grades for the quizzes and exams will be available 48 business hours after the due date
- The grades for labs/assignments/projects will be available 96 business hours after the due date

Assignments & Exam Policy *[Below are recommended policies, feel free to make adjustments as needed]*

- All assignments **MUST** be submitted through D2L (<https://kennesaw.view.usg.edu/>) course website by the deadline specified in course calendar. Email submission will **NOT** be accepted. Any assignment that is less or equal than 24 hours late is subject to 10% penalty. Any assignment that is less or equal than 48 hours late is subject to 20% penalty. Any assignment that is more than 48 hours late will **NOT** be accepted.
- All quizzes and exams **MUST** be completed on D2L website by the deadline specified in course calendar. The quizzes exams can't be opened/submitted after the deadline.
- If you must miss an exam due to illness, you must e-mail or call the instructor before the scheduled time. Failure to notify the instructor prior to the scheduled time will produce an automatic zero for the exam. NO makeup test except for emergencies with proof (e.g. doctor's slip).

Student Responsibility

For this class, you are expected to spend seven to eight hours each week on coursework:

- Check KSU email regularly;
- Login D2L course website frequently to access the course material (at least every other day);
- Follow the weekly study guide in the learning module;
- Study the assigned material such as virtual lectures, textbook chapters and the PowerPoint slides;
- Complete assigned quiz/assignment/discussion/project on time.

Tips for Effective Online Learning

For an online class, students can really enjoy the benefits of learning at you own pace and at the place of your choice. Below are some tips for effective online learning.

- *Check D2L course website frequently.* It's recommended that students should login D2L course site **AT LEAST** every other day. Always be aware of current status of the course. Take advantage of the posted learning material such as recorded lectures.
- *Work with the instructor closely.* If you have any question, contact the instructor immediately. You can either email or text me and your message is guaranteed to be replied within 12 hours.
- *Start your work early.* If you can start a task early, don't start late. Assuming you spend the same amount of time completing the task, starting later will be much more stressful than starting early. Never start until the last minute! You'll have no turnaround time if you need help or something happens.
- *Keep up with the work.* Don't fall behind. If you do, contact the instructor immediately for what you need to do. The instructor may also contact you if he is concerned. Respond to the instructor's inquiry promptly.

Class Communication Rules

In any classroom setting there are communication rules in place that encourage students to respect others and their opinions. In an online environment, the do's and don'ts of online communication are referred to as **Netiquette**. As a student in my course you should:

- Be sensitive and reflective to what others are saying.
- **Avoid typing in all capitals** because it is difficult to read and is considered the electronic version of 'shouting'.
- Don't flame - These are outbursts of extreme emotion or opinion.
- Think before you hit the post (enter/reply) button. You can't take it back! Don't use offensive language.
- Use clear subject lines.
- Don't use abbreviations or acronyms unless the entire class knows them. Be forgiving. Anyone can make a mistake.
- Keep the dialog collegial and professional, humor is difficult to convey in an online environment.
- Always **assume good intent** and **respond accordingly**. If you are unsure of or annoyed by a message, wait 24 hours before responding.

Institutional Policies

- [Federal, BOR, & KSU Course Syllabus Policies](#)
- [Academic Integrity Statement](#)
 - Examples of violation of academic integrity: 1) copy from others or from Internet; 2) allow others to copy your work; 3) use other's help or help other in completing the quizzes or exams.
 - The first violation of academic integrity, the student will immediately receive 0 for the associated grading item. For the 2nd violation, the student will receive a fail grade for this course.