



TEXAS A&M UNIVERSITY  
**SAN ANTONIO**

MGMT 4347 600, **HRIS & Data Analytics**, Fall 2025, CRN: 12559  
Department of Management and Marketing, College of Business

### **Course Syllabus**

<b>Class Modality:</b>	<b>Online Asynchronous</b>
<b>Class Meeting Time and Place:</b>	Blackboard
<b>Class Duration:</b>	8/25/2025 – 12/12/2025
<b>Instructor:</b>	Dr. S. Michelle Cox Virtual Office Tel: 210-887-3471 E-Mail: Susan.Cox@tamusa.edu Student emails will receive a reply within two business days.
<b>Course Website:</b>	<a href="https://tamusa.blackboard.com/">https://tamusa.blackboard.com/</a>
<b>Office Hours:</b>	By appointment via phone or zoom

### **Catalog Course Description:**

Among the most significant changes in the field of human resources management in the past decade has been the growing use of information technology. This course surveys the integration of Human Resource Management and Information Systems technology. The course reviews the evolution of Human Resource Information Systems (HRIS), examines the HRM role in information technology management, and explores basic HR data analytics. Students will assess information system's needs, identify HRIS applications, and plan for system implementation.

**Prerequisites:** Completion of the College of Business prerequisites MGMT 3325

### **Student Learning Outcomes:**

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

1. Explain the use of Human Resource Management and Information Systems technology
2. Examine the Human Resource Management role in current organizations
3. Explore Human Resource data analytics
4. Identify opportunities and recommend appropriate courses of action for the business environment

### **AACSB Assessment:**

The College of Business received AACSB accreditation in Spring 2023. As part of that ongoing process, students will be assessed on program level outcomes based on course outcomes from various courses. The materials from this course may be used for assessing such program level outcomes, and hence students must follow the necessary rigor to ensure mastery and retention of the above course outcomes.

### **Required Materials:**

Students are encouraged to select the format of their choice (ebook, kindle, hardcover, paperback, loan options vs. buying options) for the required reading materials and supplemental learning materials based on their needs, resources, and learning style preferences.

- **Textbook:** *Human Resource Information Systems*, 5<sup>th</sup> Edition, by Johnson, Carlson, and Kavanagh
- **Blackboard:** Connect to <http://tamusa.blackboard.com>. You will have lecture notes, multimedia materials and other supplementary materials in Blackboard.
- **Computer Hardware:** In order to participate in online sessions, you will need a computer with an internet connection, a microphone, and speakers/headphones.
- **Time Expectation for coursework:** You are expected to spend 4-8 hours per week for the course. Based on the background, some student may require more time. Time spent may be longer when assignment/exams are due.

**Course Requirements every student must fulfill in order to succeed in course:**

1. Students should check the Course Calendar, Announcements, and Messages (e-mail) systems in Blackboard on a regular basis.
2. Students should keep current with all course assignments, quizzes, and examinations.
3. Students should ask questions and communicate with the instructor either in class, online, off-line or during office hours.
4. For all classwork, exams, and quizzes, if a student is completing it off-campus, then they are responsible or availability of internet connectivity.
5. Students should remember that online and hybrid courses assume greater responsibility and independent learning skills by the student for their own learning outcomes.
6. For online courses, students should keep current on class recordings, if not attending the live class (either in person or online).

**Grading Policy:** The final course grade will be based on your performance on the presentation, exams, development plan, and class participation using the following weights:

Attendance	16%
Research Paper (Human Resource Management role)	20%
Mid-term Exam	24%
Final Exam (as per University Schedule)	25%
HR Metrics and Workforce Analytics Paper	15%
Total	100%

The final letter grades will be assigned as follows: Above 90%  $\Rightarrow$  A; 80 – 89%  $\Rightarrow$  B; 70 – 79%  $\Rightarrow$  C; 60 – 69%  $\Rightarrow$  D; Below 60%  $\Rightarrow$  F.

This course has a requirement of a grade of C as a minimal grade for satisfactory completion of this course.

**Examinations:**

There will be a mandatory mid-term exam and a mandatory final exam (as per university schedule). Being absent / non-submission of an exam will result in a grade of zero for that exam and may result in a fail grade in the course. The exams/quizzes will consist of conceptual multiple-choice questions, true/false, problem solving questions, and short essay questions. The exam/quiz materials will come from lecture notes, the text, and class discussions. Questions will emphasize understanding and applications of concepts and topics covered in class.

**Research Paper:**

There will be a research paper in which you will review the Human Resource Management Role. This is a role that most people see in their workplace, but do not understand importance to the organization environment. Research the role requirements of: education, certification, and experience. Find out the pay ranges and what companies are posting for this role. You will utilize a minimum of three sources, which can include the text. These sources may not include wikipedia. The sources should be from a peer reviewed journal and/or a paper of record such as the Wall Street Journal or Washington Post. The citation of references and the structure of the paper should follow APA format. This paper must be at least three pages, not including the title and reference pages. No abstract needed.

**HR Metrics and Workforce Analytics Paper:**

In Chapter 14 we discuss metrics and analytics. In an APA style paper of at least one page in length, discuss what measures and analytics are being utilized in your workplace. If you do not currently have a job, find a friend or family member and ask them about the measures that they have experienced.

**Make up and Late Assignment/exam/quiz policy:** As a general rule, make-ups or late submissions will NOT be offered or accepted for any missed assignments/exams/quizzes. Late submissions or make-ups may be accepted/administered only in extra-ordinary circumstances such as an excused official university activity, a severe illness, or a dire emergency. However, you must provide comprehensive documentation either before or within a few days of the missed assignment/quiz/exam.

**Class conduct and civility code:** Everyone in class is expected to follow all rules in the student handbook, as well as common courtesy during classroom lectures and discussions in class and online, including the following:

1. Attendance will be taken by reviewing the participant list in blackboard.
2. Student must retain copies of all assignments and graded work for verification purposes and provide it to the instructor, if necessary. Keep own copies of all computer files and e-mails till final grade is received.
3. For any questions about the exams and assignments, a student should contact the instructor, well in advance of the day they are due, so the instructor may have enough time to provide feedback.
4. All communications will be via e-mail communications to the Texas A&M University e-mail account, and students are expected to use their school provided email account. The instructor will reply to a student e-mail messages and voice messages within 2 business days (Monday-Friday).
5. All assignment submissions must be uploaded as instructed by the due date and time. Submission window may close or marked late.

Anyone violating these policies may be subject to disciplinary actions.

**Class attendance and Participation:**

A vital part of every student's education is regular attendance of class meetings. Any absences tend to lower the quality of a student's work, and frequent or persistent absences may result in a failing grade. Students are responsible for the materials covered in class. The course covers a lot of material and most students find at least some parts of it difficult. Class participation is highly encouraged as it makes the class more interesting and enhances the learning experience. Students are strongly encouraged to ask questions, participate in class discussions and problem solving, and contact the instructor during office hours in case of questions or concerns. Good attendance and participation will be rewarded when final grades are assigned.

The course is intensive and challenging and you are expected to master the materials presented in class. The structure of the class makes your individual study and preparation outside of class extremely important, and may vary considerably based on student background. However, a **minimum** of two hours of work outside the class is expected for every one hour of class period per week. Reading the assigned chapter(s) and having some familiarity with them before class will be very useful for understanding lectures.

### **Fall 2025 MGMT 4347 600 Class Schedule:**

The provisions and information set forth in the schedule below are intended to be informational and not contractual in nature. The instructor reserves the right to amend, alter, change, delete or modify the provisions of the schedule.

<i><b>Week</b></i>	<i><b>Dates</b></i>	<i><b>Chapter and Topic</b></i>	<i><b>Due Day and Time</b></i>
1	August 25-31	Syllabus, Chapter 1 The Evolution of HRM and HRIS	
2	September 1-7	Chapter 2 Systems Considerations in the Design of an HRIS Chapter 3 The Systems Development Life Cycle and HRIS Needs Analysis	<b>Submit Human Resource Management Role Paper in Blackboard</b>
3	September 8-14	Chapter 4 System Design and Acquisition	
4	September 15-21	Chapter 5 Change Management and System Implementation	
5	September 22-28	Chapter 6 Cost-Justifying HRIS Investments	
6	September 29-October 5	Chapter 7 HR Administration and HRIS	
7	October 6-12	Chapter 8 Talent Management and HR Planning	
8	October 13-19	Chapter 9 Recruitment and Selection in an Internet Context	<b>Mid-term Exam in Blackboard</b>
9	October 20-26	Chapter 10 Training and Development	
10	October 27-November 2	Chapter 11 Rewarding Employees and HRIS	
11	November 3-9	Chapter 12 Strategic Considerations in HRIS	
12	November 10-16	Chapter 13 HRIS and International HRM	
13	November 17-23	Chapter 14 HR Metrics and Workforce Analytics	<b>Submit HR Metrics and Workforce Analytics Paper in Blackboard</b>
14	November 24-30	Chapter 15 HRIS Privacy and Security Chapter 16 The Role of Social Media in HR	
15	December 1-7	Chapter 17 The Future of HRIS	
16	December 8-12	<b>Final Exams – As per University Schedule</b>	<b>Final Exam in Blackboard</b>

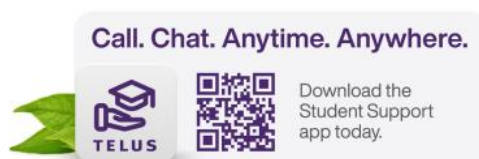
**Financial Aid and Verification of Attendance:** According to the following federal regulation, 34 CFR 668.21: U.S. Department of Education (DoE) Title IV regulation, a student can only receive Title IV funds based on Title IV eligibility criteria which include class attendance. If Title IV funds are disbursed to ineligible students (including students who fail to begin attendance), the institution must return these funds to the U.S. DoE within 30 days of becoming aware that the student will not or has not begun attendance. Faculty will provide the Office of Financial Aid with an electronic notification if a student has not attended by the published Census Date (the first week of class). Any student receiving federal financial aid who does not attend prior to the published Census Date (the first week of class) will have their aid terminated and returned to the DoE. Please note that any student who stops attending at any time during the semester may also need to return a portion of their federal aid.

**Counseling/Mental Health Resources:** As a college student, there may be times when personal stressors interfere with your academic performance and/or negatively impact your daily functioning. If you are experiencing emotional difficulties or mental health concerns, support is available to you through the Student Counseling Center (SCC). To schedule an appointment, call 210-784-1331 or visit Madla 120.

All mental health services provided by the SCC are **free and confidential** (as the law allows). The Student Counseling Center provides brief individual and group therapy, crisis intervention, consultation, case management, and prevention services. For more information and self-help resources, please visit [www.tamusa.edu/studentcounseling](http://www.tamusa.edu/studentcounseling)

**Crisis support is available 24/7 by calling the CSS at 210-784-1331.**

Additionally, the TELUS Student Support App provides a variety of mental health resources to include support for in the moment distress, an anonymous peer to peer support network, mental health screenings, podcasts, and article to improve your mental wellbeing.



**Writing, Language, and Digital Composing Center:** The Writing, Language, and Digital Composing Center supports graduate and undergraduate students in all three colleges as well as faculty and staff. Tutors work with students to develop reading skills, prepare oral presentations, and plan, draft, and revise their written assignments. Our language tutors support students enrolled in Spanish courses and students composing in Spanish for any assignment. Our digital studio tutors support students working on digital projects such as eportfolios, class presentations, or other digital multimedia projects. Students can schedule appointments through JagWire under the Student Services tab. Click on “Writing, Language, and Digital Composing Center” to make your appointment. The Center offers face-to-face, synchronous online, and asynchronous digital appointments. More information about what services we offer, how to make an appointment, and how to access your appointment can be found on our website at <https://www.tamusa.edu/academics>.

**Academic Learning Center:** The Academic Learning Center provides free course-based tutoring to all currently enrolled students at Texas A&M University-San Antonio. Students wishing to work with a tutor can make appointments through the Brainfuse online tutoring platform. Brainfuse can be accessed in the *Tools* section of Blackboard. You can contact the Academic Learning Center by emailing [tutoring@tamusa.edu](mailto:tutoring@tamusa.edu), calling (210) 784-1307, or visiting the Central Academic Building, room 202.

**Email Policy and Course Communications:** All student specific correspondence between the professor and students must occur via University email accounts. You must have Jaguar email account ready and working. If it is not working, contact the help desk at 210-784-4357.

**Meeting Basic Needs:** Any student who has difficulty affording groceries or accessing sufficient food to eat every day, or who lacks a safe and stable place to live, and believes this may affect their performance in the course, is urged to submit a CARE referral (<https://www.tamusa.edu/university-policies/Student-Rights-and-Responsibilities/file-a-report.html>) for support. Furthermore, please notify the professor if you are comfortable in doing so. This will enable them to direct you to available resources.

**Military Affairs:** Veterans and active-duty military personnel are welcomed and encouraged to visit the Office of Military Affairs for any question involving federal or state VA Education Benefits. Visit the Patriots' Casa building, room 202, or to contact the Office of Military Affairs with any questions at [military.va@tamusa.edu](mailto:military.va@tamusa.edu) or (210)784-1397.

**Religious Observances:** Texas A&M University-San Antonio recognizes the diversity of faiths represented among the campus community and protects the rights of students, faculty, and staff to observe religious holidays according to their tradition. Under the policy, students are provided an opportunity to make up any examination, study, or course work requirements that may be missed due to a religious observance provided they notify their instructors before the end of the second week of classes for regular session classes.

**The Six-Drop Rule:** Students are subject to the requirements of Senate Bill (SB) 1231 passed by the Texas Legislature in 2007. SB 1231 limits students to a maximum of six (6) non-punitive course drops (i.e., courses a student chooses to drop) during their undergraduate careers. A non-punitive drop does not affect the student's GPA. However, course drops that exceed the maximum allowed by SB 1231 will be treated as "F" grades and will impact the student's GPA.

**Academic Accommodations for Persons with Disabilities:** Texas A&M University-San Antonio is committed to providing all students with reasonable access to learning opportunities and accommodations in accordance with The Americans with Disabilities Act, as amended, and Section 504 of the Rehabilitation Act. If you experience barriers to your education due to a disability or think you may have a disability, Disability Support Services is located in the Central Academic Building, Suite 210. You can also contact us via phone at (210) 784-1335, visit us <https://www.tamusa.edu/index.html> or email us at [dss@tamusa.edu](mailto:dss@tamusa.edu). Disabilities may include, but are not limited to, attentional, learning, mental health, sensory, physical, or chronic health conditions. All students are encouraged to discuss their disability-related needs with Disability Support Services and as soon as possible.

**Emergency Preparedness:** JagE Alert is Texas A&M University-San Antonio's mass notification. In the event of an emergency, such as inclement weather, students, staff, and faculty, who are registered, will have the option to receive a text message, email with instructions and updates. To register or update your information visit: <https://tamusa.bbcportal.com/>.

More information about Emergency Operations Plan and the Emergency Action Plan can be found here: <https://www.tamusa.edu/about-us/emergency-management/>.

Download the SafeZone App (<https://safezoneapp.com/>) for emergencies or call (210) 784-1911. Non-Emergency (210) 784-1900.

**Statement of Harassment and Discrimination:** Texas A&M University-San Antonio is committed to the fundamental principles of academic freedom, equal opportunity, and human dignity. To fulfill its multiple missions as an institution of higher learning, A&M-San Antonio encourages a climate that values and nurtures collegiality and the uniqueness of the individual on our campus and within our state, nation, and world. All decisions and actions involving students and employees are to be based on applicable law and individual merit. Texas A&M University-San Antonio, in accordance with applicable federal and state law, prohibits discrimination, including harassment, on the basis of race, color, sex, religion, national origin, age, disability, genetic information, veteran status, sexual orientation, or pregnancy/parenting status. Individuals who believe they have experienced harassment or discrimination prohibited by this statement are encouraged to contact the University's Civil Rights Officer at 210-784-2061 or [titleix@tamusa.edu](mailto:titleix@tamusa.edu).

Texas A&M University-San Antonio faculty are committed to providing a safe learning environment for all students and for the university as a whole. If you have experienced any form of sex- or gender-based discrimination or harassment, including sexual assault, sexual harassment, domestic or dating violence, or stalking, know that help and support are available. A&M-San Antonio's Title IX Coordinator can support those impacted by such conduct in navigating campus life, accessing health and counseling services, providing academic and housing accommodations, and more. The university strongly encourages all students to report any such incidents to the Title IX Coordinator. Please be aware that all A&M-San Antonio employees (other than those designated as confidential resources such as counselors and trained victim advocates) are required to report information about such discrimination and harassment to the university. This means that if you tell a faculty member about a situation of sexual harassment or sexual violence, or other related misconduct, the faculty member must share that information with the university's Title IX Coordinator ([titleix@tamusa.edu](mailto:titleix@tamusa.edu), 210-784-2061, CAB 439K). If you wish to speak to a confidential employee who does not have this reporting requirement, you can contact the Student Counseling Center at (210) 784-1331 or visit them in Madla 120.



**Pregnant/Parenting Students:**

Texas A&M-San Antonio does not require a pregnant or parenting student, solely because of that status or issues related to that status, to (1) take a leave of absence or withdraw from their degree or certificate program; (2) limit the student's studies; (3) participate in an alternative program; (4) change the student's major, degree, or certificate program; or (5) refrain from joining or cease participating in any course, activity, or program at the University. The university will provide reasonable accommodations to pregnant students that would be provided to a student with a temporary medical condition and that are related to the health and safety of the student and the student's unborn child. These could include maintaining a safe distance from substances, areas, and activities known to be hazardous to pregnant individuals and their unborn child; excused absences because of illness or medical appointments; modified due dates for assignments; rescheduled tests/exams; taking a leave of absence; and being provided access to instructional materials and video recordings of lectures for excused absences, if these would be provided to any other student with an excused absence. Pregnant/parenting students are encouraged to contact the Title IX Coordinator with any questions or concerns related to their status ([titleix@tamusa.edu](mailto:titleix@tamusa.edu); 210-784-2061; CAB 439K). Texas A&M-San Antonio has also designated the Title IX Coordinator as the liaison officer for current or incoming students who are the parent or guardian of a child younger than 18 years of age. The Title IX Coordinator can provide students with information regarding support services and other resources.

**Young Jaguars:** can support parenting students with daycare who meet this criteria: Must be enrolled in classes at TAMUSA in the current semester. Must be Pell eligible or a single parent. They serve children ages 3 to 12-years-old. Children must be enrolled in Pre-K-3 through 6th grade.  
[youngjaguars@tamusa.edu](mailto:youngjaguars@tamusa.edu) (210) 784-2636

**Students' Rights and Responsibilities:** The following statement of students' rights and responsibilities is intended to reflect the philosophical base upon which University Student Rules are built. This philosophy acknowledges the existence of both rights and responsibilities, which is inherent to an individual not only as a student at Texas A&M University-San Antonio but also as a citizen of this country.

*Students' Rights*

1. A student shall have the right to participate in a free exchange of ideas, and there shall be no University rule or administrative rule that in any way abridges the rights of freedom of speech, expression, petition and peaceful assembly as set forth in the U.S. Constitution.
2. Each student shall have the right to participate in all areas and activities of the University, free from any form of discrimination, including harassment, on the basis of race, color, national or ethnic origin, religion, sex, disability, age, sexual orientation, or veteran status in accordance with applicable federal and state laws.
3. A student has the right to personal privacy except as otherwise provided by law, and this will be observed by students and University authorities alike.
4. Each student subject to disciplinary action arising from violations of university student rules shall be assured a fundamentally fair process.



### *Students' Responsibilities*

1. A student has the responsibility to respect the rights and property of others, including other students, the faculty, and administration.
2. A student has the responsibility to be fully acquainted with the published University Student Rules found in the Student Handbook, [Student Code of Conduct](#), on our website, and University Catalog, and to comply with them, as well as federal, state, and local laws.
3. A student has the responsibility to recognize that student actions reflect upon the individuals involved and upon the entire University community.
4. A student has the responsibility to recognize the University's obligation to provide an environment for learning.
5. A student has the responsibility to check their university email for any updates or official university notification.

We expect that students will behave in a manner that is dignified, respectful, and courteous to all people, regardless of sex, ethnic/racial origin, religious background, sexual orientation, or disability. Conduct that infringes on the rights of another individual will not be tolerated.

Students are expected to exhibit a high level of honesty and integrity in their pursuit of higher education. Students engaging in an act that violates the standards of academic integrity will find themselves facing academic and/or disciplinary sanctions. Academic misconduct is any act, or attempt, which gives an unfair advantage to the student. Additionally, any behavior specifically prohibited by a faculty member in the course syllabus or class discussion may be considered as academic misconduct. For more information on academic misconduct policies and procedures please review the [Student Code of Conduct](#). (<https://www.tamusa.edu/university-policies/student-rights-and-responsibilities/documents/Student-Handbook-2022-23.pdf>) or visit the resources available in the OSRR website (<https://www.tamusa.edu/university-policies/student-rights-and-responsibilities/academic-integrity.html>).

### **No Use of Generative AI Permitted**

MGMT 4301:600 assumes that all work submitted by students will be generated by the students themselves, working individually or in groups. Students should not have another person/entity do the writing of any portion of an assignment for them, which includes hiring a person or a company to write assignments and/or using artificial intelligence (AI) tools like ChatGPT. Use of any AI-generated content in this course qualifies as academic dishonesty and violates Texas A&M-San Antonio's standards of academic integrity.