# INFO 5224 Metadata for Information Organization and Retrieval II (a.k.a., Advanced Topics in Metadata) Course Syllabus & Schedule – Spring 2021

Syllabus (last updated January 9, 2021)

#### **Contact Information**

Instructor	Dr. Oksana L. Zavalina
Pronouns	she/her
Office hours	By appointment – arrange via email: online in Dr. Zavalina's meeting room in UNT Zoom videoconferencing tool https://unt.zoom.us/j/8589281608?pwd=UUcrSnJLQnBRRzRvQ0VkM W05VFI1QT09
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Teaching Assistant	Mary Burke, M.A. in Linguistics, doctoral student in UNT Information
	Science PhD Program (Linguistics concentration)
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# **Meetings Information**

Meeting	weekly
Frequency	
Meeting	90 minutes
duration	
Meeting	online through UNT Zoom videoconferencing tool:
location	
	https://unt.zoom.us/j/81255557154?pwd=bFISSW8yeFA0TGtGcVR2M0hxZktEZz09
Meeting	Tuesdays, 6:30-8:00 pm Central
time	

# **Catalog Course Description**

3 hours. Examination of current trends in metadata theory and practice. Exploration of metadata quality and interoperability and their implications for retrieval of information resources. Application and evaluation of metadata standards, element sets, and syntaxes for representing and organizing information resources in the digital environment. Exploration of digital repositories for storing objects, their associated metadata, and making those objects and metadata searchable. Analysis of metadata practices and applications in digital libraries and repositories.

<u>Pre-requisite information</u>: Students who have a combination of XML skills and knowledge of at least 2 major metadata schemes (Dublin Core, MODS, VRA Core, etc.) obtained as part of coursework (graduate or undergraduate) or work experience are welcome to enroll. UNT courses that build these skills and knowledge include INFO 4223 and INFO 5223.

# **Course Objectives: Student Learning Outcomes**

By the end of the course, students should be able to:

- 1. Develop understanding of the needs of a specialized user community, types of materials of interest to these users, general and specific metadata standards that can be utilized in representing these materials for these audiences. Implement this understanding in metadata work, including investigating relations between metadata elements and user tasks based on conceptual models, navigating and selecting appropriate terms from controlled vocabularies.
- 2. Develop understanding of important issues and current trends in metadata theory and practice: metadata quality principles and their application, criteria and methods of ensuring and evaluating metadata quality. Implement this understanding in evaluating the quality of metadata records and metadata creation guidelines in digital collections.
- 3. Develop understanding of important issues and current trends in metadata theory and practice: metadata quality principles and their application, criteria and methods of ensuring and evaluating metadata quality. Implement this understanding in evaluating the quality of metadata records and metadata creation guidelines in digital collections.
- **4.** Develop understanding of important issues and current trends in metadata theory and practice: metadata quality principles and their application, criteria and methods of ensuring and evaluating metadata quality. Implement this understanding in evaluating the quality of metadata records and metadata creation guidelines in digital collections.

# **Course Organization and Course Materials**

This course is organized into 4 learning modules, each focused on a student learning outcome form the list above.

There is no textbook in this course. Each module has required readings that are posted under class meeting materials and discussion readings for each module. Use of the UNT library electronic resources will be necessary for accessing some of the readings electronically through UNT Libraries' subscription.

## **Assignments and Participation**

- Learning Module Discussion Assignments (20 points: 5 points for each module)
  For each learning module, after completing the learning module lecture prepared by
  instructor, each student will complete two (2) external readings listed in the lecture and
  post to discussion forum a summary of the readings and reaction to ideas discussed in
  them.
- Module 1 Practical Assignment: Metadata for Cultural Objects: Language
   Documentation Case Study (17 points)
   In this assignment, after familiarizing themselves with language documentation outputs,
   data management, and linguistics-specific data content standards, students will answer
   questions based on the readings and gain experience navigating the appropriate general
   and specialized controlled vocabularies. Detailed description of this assignment will be
   distributed to students in a separate document.
- Module 2 Practical Assignment: Metadata Evaluation Assignment (20 points)
   In this assignment, students will analyze quality of metadata records and examine metadata creation guidelines intended to ensure high quality of metadata in a digital

collection. Detailed description of this assignment will be distributed to students in a separate document.

# Module 3 Practical Assignment: Crosswalking Assignment (17 points)

In this assignment, students will learn how to apply crosswalking tools to transform – automatically and manually -- existing harvested metadata records between different metadata schemes and syntaxes. Detailed description of this assignment will be distributed to students in a separate document.

# Module 4 Practical Assignment: Linked Data Assignment (17 points)

In this assignment, students will learn how to apply Linked Data principles to creation of metadata describing information objects and other entities (e.g., personal and corporate names, concepts) important for information representation and examine metadata represented as Linked Data. Detailed description of this assignment will be distributed to students in a separate document.

## Participation (9 points)

Participation includes (1) a post to *Course Introductions* discussion forum on the first day of semester, (2) replying to at least one fellow student's discussion post for each of the 4 learning modules discussion forums, and (3) participation in online class meetings.

# Assignment Submission Schedule<sup>1</sup>

Assignment	Due date
Learning Module 1 (Metadata for Cultural Works and Specialized	01/22/2021
User Communities: Language Documentation Case Study):	
Discussion	
Learning Module 1 (Metadata for Cultural Works Metadata for	02/05/2021
Cultural Works and Specialized User Communities: Language	
Documentation Case study): Practical Assignment	
Learning Module 2 (Metadata Quality): Discussion	02/19/2021
Learning Module 2 (Metadata Quality): Practical Assignment	03/05/2021
Learning Module 3 (Metadata Interoperability): Discussion	03/19/2021
Learning Module 3 (Metadata Interoperability): Practical Assignment	04/02/2021
Learning Module 4 (Linked Data): Discussion	04/16/2021
Learning Module 4 (Linked Data): Practical Assignment	04/29/2021

#### **Due Dates**

To facilitate timely grading, assignments must be submitted on time (see the table above and Semester Schedule at the end of this document). Students who obtained through UNT Office for Disability Accommodation an accommodation letter for INFO 5224 that calls for deadline extensions will receive assignment submission deadline extensions of up to 48 hours. For other students, a reasonable deadline extension can be obtained from instructor on a case-

<sup>&</sup>lt;sup>1</sup> See the *Detailed Semester Schedule* (pages 8-12 of this document) for complete listing of course topics, activities, and due dates.

by-case basis under the following conditions: a student absolutely cannot meet the deadline for a serious reason AND promptly notifies the course instructor of the situation.

Please keep in mind that UNT semester officially ends at 5:00 pm Central on the Friday of the last week of semester (Finals day as shown in UNT academic calendar, e.g., https://www.unt.edu/catalogs/2020-21/calendar). Unless a student officially requests (and qualifies for) a grade of Incomplete, submissions received after 5:00 pm on the last day of semester will not be graded, and a student will automatically receive a failing grade of zero (0) for these submissions.

A student who is having trouble with assignments is strongly encouraged to contact the course teaching team as early as possible for personal advising.

## **Course Meetings, Attendance, Communication, Effort Expected etc.**

Attendance is not required but students are strongly encouraged to attend and actively participate in as many class meetings (held in Zoom videoconferencing tool on Tuesdays, 6:30-8:00 pm Central) as possible Participation in INFO 5224 class meetings has been found to greatly help students develop full comprehension of the course subject matter.

Students **are required** to promptly (i.e., within 24 hours after the meeting) review posted meeting materials for each of the missed class meetings. Students can also get extra credit for attendance and active participation in class meetings.

**NOTE 1**: All INFO 5224 class meeting attendees are expected to identify themselves with first and last name - please name/rename yourself in Zoom when you enter the meeting.

**NOTE 2**: Synchronous (live) sessions in this course will be recorded for students enrolled in INFO 5224 to refer to throughout the semester. Class recordings are the intellectual property of instructor and are reserved for use only by students in this class and only for educational purposes. Students may not post or otherwise share the recordings outside the class, or outside the Canvas Learning Management System, in any form. Failing to follow this restriction is a violation of the UNT Code of Student Conduct and could lead to disciplinary action.

Between the class meetings, students are expected to work on course assignments, readings, etc. For a 3-credit-hour course offered in a long semester (Fall or Spring), students should plan to spend approximately 9 hours a week for 16 weeks per long semester (Fall or Spring) on readings, assignments, online activities, learning software, etc. By maintaining this level of effort throughout the semester, students are likely to be successful in the course.

Students should check the course site regularly – at least several times a week, if not daily, for announcements, discussions, posted course materials etc. Announcements will also be sent to students' email addresses. Students are responsible for reading all posted materials.

In your communications with the teaching team and fellow students, please make sure to follow the netiquette guidelines: http://www.albion.com/netiquette/corerules.html

#### **COVID-19 Impact on Attendance**

While attendance is expected, it is important for all of us to be mindful of the health and safety of everyone in our community, especially given concerns about COVID-19. Please contact instructor if you are unable to attend class because you are ill, or unable to attend class due to a related issue regarding COVID-19. It is important that you communicate with instructor prior to being absent so the decision could be made about accommodating your request to be excused from class.

If you are experiencing any symptoms of COVID-19 (https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html) please seek medical attention from the Student Health and Wellness Center (940-565-2333 or mailto:askSHWC@unt.edu) or your health care provider PRIOR to coming to campus. UNT also requires you to contact the UNT COVID Hotline at 844-366-5892 or mailto:COVID@unt.edu for guidance on actions to take due to symptoms, pending or positive test results, or potential exposure. While attendance is an important part of succeeding in this class, your own health, and those of others in the community, is more important.

All students are expected to submit their assignments by the due date. This prevents students from getting too far behind in the course and allows the teaching team to assign grades in a consistent manner.

# Grading

The UNT scale for grading is as follows:

A = 90-100	B = 80-89	C = 70-79	D = 60-69	F = 59 and below.
71 - 00 100	<b>D</b> = 00	0 - 10 10	D - 00 00	1 — 00 and bolow.

# **Incomplete Grade**

The UNT Graduate Catalog describes and explains grading policies. The UNT Registrar office website (http://registrar.unt.edu/grades/incompletes) explains UNT policy regarding a grade of Incomplete. In addition, the UNT Registration Guide on UNT Registrar Office's website, (http://registrar.unt.edu/registration/fall-registration-guide for Fall semesters, http://registrar.unt.edu/registration/spring-registration-guide for Spring semesters, and http://registrar.unt.edu/registration/summer-5w1-10w-and-8w2-sessions for 10W Summer semester lists specific deadlines regarding the grade of Incomplete.

An Incomplete Grade ("I") is a non-punitive grade given only during the last one-fourth of a term/semester and only if a student (1) is passing the course and (2) has a justifiable and documented reason, beyond the control of the student (such as serious illness or military service), for not completing the work on schedule. The student must arrange with the instructor to finish the course by completing specific requirements.

Students requesting a grade of Incomplete must complete and submit to instructor the following form https://lt.unt.edu/sites/default/files/incomplete\_form.pdf

Students who are granted a grade of Incomplete are required to clear it by completing and submitting the remaining coursework for review and approval by instructor and UNT administration within one academic year. If a grade of Incomplete (I) is not cleared by this deadline, it is automatically converted to a grade of Fail (F).

Please note that a student who simply stops attending class and submitting assignments may receive a final course grade of F.

#### Withdrawal

The UNT Graduate Catalog describes and explains withdrawal policies and deadlines. The UNT Registrar's Website <a href="http://registrar.unt.edu/registration/spring-registration-guide">http://registrar.unt.edu/registration/spring-registration-guide</a> lists specific deadlines regarding withdrawal, including the deadlines to withdraw from a course with a grade of W, and to withdraw from entire semester. Please note that a student who simply stops attending class and does not file a withdrawal form may receive a final course grade of F.

# **UNT Americans with Disabilities Act (ADA) Compliance Statement**

The University of North Texas makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide student with an accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You may request accommodations at any time; however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet with each faculty member prior to implementation in each class. For additional information see the Office of Disability Accommodation website at <a href="http://disability.unt.edu/">http://disability.unt.edu/</a>. You may also contact them by phone at (940) 565-4323.

# **UNT Acceptable Student Behavior and Academic Integrity**

Students are expected to be engaged with the course throughout the semester. Instructors will be available by appointment, and online via the learning management system. In class discussions and group assignments students are expected to demonstrate professional behavior. This means interacting in a supportive and tactful manner based on mutual respect for each other's ideas and approaches.

Student behavior that interferes with an instructor's ability to conduct a class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated. Students engaging in unacceptable behavior will be directed to leave the classroom and the instructor may refer the student to the Dean of Students to consider whether the student's conduct violated the Code of Student Conduct. The university's expectations for student conduct apply to all instructional forums, including university and electronic classroom, labs, discussion groups, field trips, etc. The Code of Student Conduct can be found at https://deanofstudents.unt.edu/conduct.

Standards of academic integrity are maintained and enforced by UNT faculty and administrative authorities. Academic dishonesty includes cheating, plagiarism and other unethical and illegal activities. The instructor of this course abides by and enforces the UNT policies on academic misconduct. The instructor assumes you have read and understood the UNT's Student Standards of Academic Integrity Policy (<a href="http://policy.unt.edu/sites/default/files/untpolicy/pdf/7-Student\_Affairs-Academic\_Integrity.pdf">http://policy.unt.edu/sites/default/files/untpolicy/pdf/7-Student\_Affairs-Academic\_Integrity.pdf</a>).

The term "cheating" includes, but is not limited to

- the use of any unauthorized assistance in taking guizzes, tests or examinations;
- dependence upon the aid of sources specifically prohibited by the instructor in writing papers, preparing reports, solving problems or carrying out other assignments;
- dual submission of a paper or project, or resubmission of a paper or project to a different class without express permission from the instructor(s)

• the acquisition, without permission, of tests or other academic material belonging to a faculty or staff member of the university.

The term "plagiarism" includes, but is not limited to:

- the use, by paraphrase or direct quotation, of the published or unpublished work of another person without full and clear acknowledgement;
- the unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials.

Penalties range from reducing the grade for a test or assignment to revoking an academic degree already granted. Specific policies, penalties, and the appeals process are explained in UNT's Code of Student Conduct and Discipline, Graduate Catalog, and the Policy Manual, all of which are available online.

# Sexual Discrimination, Harassment, & Assault Prevention

UNT is committed to providing an environment free of all forms of discrimination and sexual harassment, including sexual assault, domestic violence, dating violence, and stalking. If you (or someone you know) has experienced or experiences any of these acts of aggression, please know that you are not alone. The federal Title IX law makes it clear that violence and harassment based on sex and gender are Civil Rights offenses. UNT has staff members trained to support you in navigating campus life, accessing health and counseling services, providing academic and housing accommodations, helping with legal protective orders, and more.

UNT's Dean of Students' website offers a range of on-campus and off-campus resources to help support survivors, depending on their unique needs: <a href="http://deanofstudents.unt.edu/resources\_0">http://deanofstudents.unt.edu/resources\_0</a>. UNT Student Advocate can be reached through e-mail at SurvivorAdvocate@unt.edu or by calling the Dean of Students' office at 940-565-2648. You are not alone. We are here to help.

# F-1-Visa-Related Policy (for International Students)

## Federal Regulation

The Electronic Code of Federal Regulations website (http://www.ecfr.gov) includes the complete Immigration and Customs Enforcement regulations for F-1 students including the most up-to-date requirements regarding online courses: https://www.ecfr.gov/cgi-bin/text-idx?&tpl=/ecfrbrowse/Title08/8tab\_02.tpl

#### **University of North Texas Compliance**

To comply with immigration regulations, an F-1 visa holder within the United States may need to engage in an on-campus experiential component for this course. This component (which must be approved in advance by the instructor) can include activities such as taking an on-campus exam, participating in an on-campus lecture or lab activity, or other on-campus experience integral to the completion of this course.

If such an on-campus activity is required, it is the student's responsibility to do the following:

- 1. Submit a written request to the instructor for an on-campus experiential component within 1 week of the start of the course.
- 2. Ensure that the activity on campus takes place and the instructor documents it in writing with a notice sent to the International Advising Office. The UNT International Advising Office has a form for this purpose: https://international.unt.edu/sites/default/files/files/Online%20Course%20Form.pdf (Oncampus Component Reporting Form for Online Courses).

Because the decision may have serious immigration consequences, if an F-1 student is unsure about his or her need to participate in an on-campus experiential component for this course, s/he should contact the UNT International Advising Office (telephone (940) 565-2195 or email international@unt.edu) to get clarification before the one-week deadline.

# **SYLLABUS REVISION**

This syllabus and schedule may be revised during the semester. If the revisions are made, students will be promptly notified.

**Detailed Semester Schedule** 

(last updated January 9, 2021)

Dates for weeks below are from Monday through Sunday.

Note that the *Week* number does not always correspond with the *Topic* number.

Dates	Course Topics	Activities	Submission deadlines
Week 1 01/11- 01/17	Course Introduction & Module 1: Metadata for Cultural Works and Specialized User Communities	<ul> <li>Read Getting Started.</li> <li>Work on the Module 1 readings.</li> <li>Participate in the first weekly class meeting in Zoom         (https://unt.zoom.us/j/81255557154?pwd=bFISSW8yeFA0TGtGcVR2M0hxZktEZz09) on Tuesday, 6:30-8:00 pm Central OR promptly – within 24 hours after the meeting – review the instructor slides and meeting recording.</li> <li>Review the description of the Module 1 Practical Assignment and begin working on assignment.</li> </ul>	Complete Module 0 readings. Due: Monday, 01/11/2020, 11:59 pm (Central Time). Post a message about yourself in the "Course Introductions" discussion forum. Due: Monday, 01/11/2021, 11:59 pm (Central Time).
Week 2 01/18- 01/24	Module 1  Metadata for Cultural Works	<ul> <li>Complete Module 1 readings.</li> <li>Work on the Module 1 Practical Assignment.</li> </ul>	Post in the "Module 1 readings discussion" discussion forum. Due:

	and Specialized User Communities: Language Documentation Case Study	<ul> <li>Participate in the weekly class meeting in Zoom         (https://unt.zoom.us/j/812555571 54?pwd=bFISSW8yeFA0TGtGcV R2M0hxZktEZz09) on Tuesday,         6:30-8:00 pm Central OR promptly         – within 24 hours after the meeting         – review the instructor slides and meeting recording.</li> </ul>	Friday, 01/22/2021, 11:59 pm (Central Time).
Week 3 01/25- 01/31	Module 1 Continued	<ul> <li>Work on the Module 1 Practical Assignment.</li> <li>Participate in the weekly class meeting in Zoom         (https://unt.zoom.us/j/81255557154?pwd=bFISSW8yeFA0TGtGcVR2M0hxZktEZz09) on Tuesday, 6:30-8:00 pm Central OR promptly – within 24 hours after the meeting – review the instructor slides and meeting recording.</li> </ul>	
Week 4 02/01- 02/07	Module 1 Wrap-Up	<ul> <li>Complete the work on the Module 1 Practical Assignment.</li> <li>Participate in the weekly class meeting in Zoom (https://unt.zoom.us/j/81255557154?pwd=bFISSW8yeFA0TGtGcVR2M0hxZktEZz09) on Tuesday, 6:30-8:00 pm Central OR promptly – within 24 hours after the meeting – review the instructor slides and meeting recording.</li> </ul>	Submit Module 1     Practical Assignment to the assignment drop-box.     Due: Friday, 02/05/2021, 11:59 pm (Central Time).
Week 5 02/08- 02/14	Module 2 Metadata Quality	<ul> <li>Work on the Module 2 readings.</li> <li>Participate in the weekly class meeting in Zoom         (https://unt.zoom.us/j/81255557154?pwd=bFISSW8yeFA0TGtGcVR2M0hxZktEZz09) on Tuesday, 6:30-8:00 pm Central OR promptly – within 24 hours after the meeting – review the instructor slides and meeting recording.</li> <li>Review the description of the Module 2 Practical Assignment and begin working on assignment.</li> </ul>	
Week 6 02/15- 02/21	Module 2 Continued	<ul> <li>Complete the work on the Module 2 readings.</li> <li>Participate in the weekly class meeting in Zoom (https://unt.zoom.us/j/812555571</li> </ul>	Post in the "Module 2 readings discussion " discussion forum. Due: Friday, 02/19/2021, 11:59 pm (Central Time).

Week 7 02/22- 02/28	Module 2 Continued	<ul> <li>54?pwd=bFISSW8yeFA0TGtGcVR2M0hxZktEZz09) on Tuesday, 6:30-8:00 pm Central OR promptly – within 24 hours after the meeting – review the instructor slides and meeting recording.</li> <li>Work on the Module 2 Practical Assignment.</li> <li>Participate in the weekly class meeting in Zoom (https://unt.zoom.us/j/81255557154?pwd=bFISSW8yeFA0TGtGcVR2M0hxZktEZz09) on Tuesday, 6:30-8:00 pm Central OR promptly – within 24 hours after the meeting – review the instructor slides and meeting recording.</li> </ul>	
Week 8 03/01- 03/07	Module 2 Wrap-up	<ul> <li>Complete the work on the Module 2 Practical Assignment.</li> <li>Participate in the weekly class meeting in Zoom         (https://unt.zoom.us/j/81255557154?pwd=bFISSW8yeFA0TGtGcVR2M0hxZktEZz09) on Tuesday, 6:30-8:00 pm Central OR promptly – within 24 hours after the meeting – review the instructor slides and meeting recording.</li> </ul>	<ul> <li>Present and discuss the findings of your Module 2 Practical Assignment during the class meeting.</li> <li>Finalize and submit Module 2 Practical Assignment to the assignment drop-box. Due: Friday, 03/05/2020, 11:59 pm (Central Time).</li> </ul>
Week 9 03/08- 03/14	Module 3 Metadata Interoperability	<ul> <li>Work on the Module 3 readings</li> <li>Review the description of the Module 3 Practical Assignment and begin working on assignment.</li> <li>Participate in the weekly class meeting in Zoom (https://unt.zoom.us/j/81255557154?pwd=bFISSW8yeFA0TGtGcVR2M0hxZktEZz09) on Tuesday, 6:30-8:00 pm Central OR promptly – within 24 hours after the meeting – review the instructor slides and meeting recording.</li> </ul>	
Week 10 03/15- 03/21	Module 3 Continued	<ul> <li>Complete the work on the Module 3 readings</li> <li>Work on the Module 3 Practical Assignment.</li> <li>Participate in the weekly class meeting in Zoom</li> </ul>	Post in the "Module 3 readings discussion " discussion forum. Due: Friday, 03/22/2019, 11:59 pm (Central Time).

Week 11 03/22- 03/28	Module 3 Continued	<ul> <li>(https://unt.zoom.us/j/81255557154?pwd=bFISSW8yeFA0TGtGcVR2M0hxZktEZz09) on Tuesday, 6:30-8:00 pm Central OR promptly – within 24 hours after the meeting – review the instructor slides and meeting recording.</li> <li>Work on the Module 3 Practical Assignment.</li> <li>Participate in the weekly class meeting in Zoom (https://unt.zoom.us/j/81255557154?pwd=bFISSW8yeFA0TGtGcVR2M0hxZktEZz09) on Tuesday, 6:30-8:00 pm Central OR promptly – within 24 hours after the meeting – review the instructor slides and meeting recording.</li> </ul>	
Week 12 03/29- 04/04	Module 3 Wrap-up	<ul> <li>Complete the work on the Module 3 Practical Assignment.</li> <li>Participate in the weekly class meeting in Zoom         (https://unt.zoom.us/j/81255557154?pwd=bFISSW8yeFA0TGtGcVR2M0hxZktEZz09) on Tuesday, 6:30-8:00 pm Central OR promptly – within 24 hours after the meeting – review the instructor slides and/or meeting recording.</li> </ul>	Submit the Module 3 Practical Assignment to the assignment drop-box. Due: Friday, 04/02/2021, 11:59 pm (Central Time).
Week 13 04/05- 04/11	Module 4 Linked Data	<ul> <li>Work on Module 4 readings.</li> <li>Participate in the weekly class meeting in Zoom         (https://unt.zoom.us/j/812555571         54?pwd=bFISSW8yeFA0TGtGcV         R2M0hxZktEZz09) on Tuesday,         6:30-8:00 pm Central OR promptly         – within 24 hours after the meeting         – review the instructor slides and meeting recording.</li> <li>Review the description of the Module 4 Practical Assignment and begin working on assignment.</li> </ul>	
Week 14 04/12- 04/18	Module 4 Continued	<ul> <li>Complete the work on the Module 4 readings.</li> <li>Work on the Module 4 Practical Assignment.</li> <li>Participate in the weekly class</li> </ul>	Post in the "Module 4 readings discussion " discussion forum. Due: Friday, 04/16/2021, 11:59 pm (Central

		meeting in Zoom (https://unt.zoom.us/j/812555571 54?pwd=bFISSW8yeFA0TGtGcV R2M0hxZktEZz09) on Tuesday, 6:30-8:00 pm Central OR promptly – within 24 hours after the meeting – review the instructor slides and meeting recording.	Time).
Week 15 04/19- 04/25	Module 4 Continued	<ul> <li>Work on the Module 4 Practical Assignment.</li> <li>Participate in the weekly class meeting in Zoom         (https://unt.zoom.us/j/81255557154?pwd=bFISSW8yeFA0TGtGcVR2M0hxZktEZz09) on Tuesday, 6:30-8:00 pm Central OR promptly – within 24 hours after the meeting – review the instructor slides and meeting recording.</li> </ul>	Submit Course     Evaluation Survey     (SPOT). Due:     Thursday,     04/22/2021, 11:59 pm     (Central Time).
Week 16 04/26- 04/30	Wrap-Up of Module 4 & INFO 5224	<ul> <li>Complete the work on the Module 4         Practical Assignment.</li> <li>Participate in the final weekly class meeting in Zoom         (https://unt.zoom.us/j/81255557154?pwd=bFISSW8yeFA0TGtGcVR2M0hxZktEZz09) on Tuesday, 6:30-8:00 pm Central OR promptly – within 24 hours after the meeting – review the instructor slides and meeting recording</li> </ul>	Submit Module 4     Practical Assignment     to the assignment drop- box. Due: Thursday,     04/29/2021, 11:59 pm     (Central Time).