

THE UNIV. OF TEXAS AT EL PASO COLLEGE OF SCIENCE MATHEMATICAL SCIENCES DEPT.

¡BIENVENIDOS (WELCOME)!

note: The instructor will make and announce any changes to the syllabus that may be needed to meet new mandates or course needs, especially for unexpected changes with respect to class size, technology resources, grading resources, department/UTEP policies, regulations (ADA, FERPA), severe weather or epidemiological conditions, etc.

Course Number: MATM 5361-001 (CRN# 27541)

Course Title: Qualitative Research in Mathematics Education

Credit Hours: 3

Term: Spring 2023

Course Fee: none

Course Meetings & Location: This is a hybrid synchronous class with the default being 5-6:20pm in-person meetings on Tuesdays in Bell 130A and 5-6:20pm online meetings on Thursdays in **Zoom** (see link on the left-hand sidebar of our Bb course shell). Within what UTEP allows, the instructor may make modifications based on pedagogical affordances, student preferences, and occasional schedule issues.

Instructor: Dr. Larry Lesser (rhymes with ‘Professor’, spelled like <).

See my bio or background on my homepage

<http://www.math.utep.edu/Faculty/lesser/> or

hear my introductory rap at <https://www.youtube.com/watch?v=sFizdFK09I8>,

or read the interview of me in *Journal of Statistics Education* at

<https://www.tandfonline.com/doi/pdf/10.1080/10691898.2020.1733342>.

I’ve also worked as a state agency statistician, a HS math dept. chair/teacher, and director of a university-wide teaching center. I’ve served on national statistics education journal editorial and research advisory boards and have published both quantitative and qualitative studies in statistics education journals aimed at researchers as well as articles in journals aimed at teachers.

Office Location: Bell Hall 213

Contact Info:

Phone: (915) 747-6845 if I’m not in my UTEP office and able to answer, you can leave a voicemail on this number at any time

Communication with Instructor: to keep communications related to our course gathered in one place, I prefer that you contact me through the Course Messages option within our Blackboard (Bb) course shell. If for some reason Blackboard is down, or if the matter is extremely time-sensitive (because I generally check Course Messages daily, but generally check email even more often), you may email me at **Lesser (at) utep.edu**, remembering to: (1) use a meaningful subject line that includes **5361** so that if necessary I could do a keyword search and easily find it again after hundreds of new emails arrive after yours, and (2) email from your **miners.utep.edu** address because it provides more security (than email from hotmail.com, etc.), minimizes the chance the UTEP server rejects it, and because I'm not allowed to discuss confidential information such as grades if you don't. I will generally check for and reply to messages one or more times a day, except during holidays. Just so you know, on almost all weekends, I check messages on Sunday, but not on Friday evening or Saturday.

For questions requiring live conversation (whether as a phone call or a **Zoom** meeting or Microsoft Teams), remember to include several possible times that would work for you so I can reply with which option works in my schedule. If I'm at a personal number when I call you, the number may be blocked from showing up on your Caller ID, so be prepared to accept that call on your phone.

Instructor Homepage: [my individual UTEP homepage](#)

Fax: (915) 747-6502 (note: this is a departmental fax machine, so be sure to have my name clearly on it and be aware that staff are not available to relay faxes to me outside the hours the math department office is staffed I do not have a key to the fax room); for time-sensitive communications, Bb Course Messages or email is much better than faxing

Emergency Contact: (915) 747-5761 is the math department (during dept business hours), **UTEP technology support** can provide real-time tech help, and for certain types of emergencies, the **UTEP police department** is available.

Office hours:

If your question involves technology (e.g., an issue with a browser, connectivity, or Blackboard), contact the **UTEP HelpDesk**.

If your question involves course policy, grades, course content, or big picture stuff about your major/career/life, contact me for a live conversation, whether it in-person or by **Zoom** (see link in the left-hand sidebar of our Bb course shell) or phone. Zoom offers several advantages: privacy (e.g., if grades are discussed in a virtual room, no one overhears in a hallway), capacity (when more people have the same question than could reasonably fit in my office), safety (e.g., if you are not feeling well or need to maintain social distancing), flexibility (e.g., to accommodate everyone's busy work schedules by meetings outside normal business hours as needed), and convenience (since it's easy to access and display material with a better view than might be possible in-person). For

quick questions, feel free to ask me quick questions right after a class ends. For longer discussions, feel free to make an appointment with me. Based on the day-one survey the class filled out, it looks like you are most likely to be available in late weekday afternoons (especially MW), and that time will usually work for me as well, though there may be isolated conflicts any particular week, so please check with me in advance to make a specific appointment so I can confirm I'm available and make sure my Zoom window is not covered up by, say, a window for responding to a student's email. To make an appointment for a different day/time, send me several possible times that would work for you (as well as whether you prefer phone or Zoom) so that I can reply with which of those options works in my schedule for that week.

TECHNOLOGY REQUIREMENTS

Because this course is hybrid, some course content is delivered via the Internet through the Blackboard learning management system and Zoom. Ensure your UTEP e-mail account is working and that you have access to the Web and a stable web browser. Google Chrome and Mozilla Firefox are the best browsers for Blackboard; other browsers may cause complications. When having technical difficulties, update your browser, clear your cache, or try switching to another browser. Having the **Zoom client downloaded** onto your computer is also a good idea.

For online meetings, you will need to have access to a computer/laptop and be able to scan images if necessary (there is a handout in the technology folder of our Bb course shell of how to do that with your phone). You should also have at least a built-in microphone so that you can talk during an online meeting or office hour. A webcam, hotspot, and even a laptop may be available for checkout from the **UTEP technology support center**. Having cameras on so we can see each other during an online class meeting or office hour conversation (especially when you are speaking or when we are modeling the verbal and non-verbal communication that is part of data collection strategies we study in the course such as observations and interviews) enhances communication and class community and gives me valuable non-verbal cues, and privacy concerns can usually be handled by using a virtual background (e.g., blur). That said, if you still have a compelling reason (e.g., bandwidth issues) with always having your camera on, I will not require it.

Check that your computer hardware and software are up-to-date and able to access all parts of the course. The Technology Support Center has laptops and hotspots available to students to borrow for the whole semester using this **application form**.

You may need to download or update this software: Microsoft Office, Adobe Acrobat Reader, Windows Media Player, QuickTime, and Java. You can download Word and other Microsoft Office programs (including Excel, PowerPoint, Outlook and more) for free via UTEP's **Microsoft Office 365 Portal**.

IMPORTANT: If you encounter general technical difficulties beyond your scope of troubleshooting, please contact the UTEP **Help Desk** as they are trained specifically in assisting with technological needs and are better equipped than I to help in this area.

Textbook(s), Materials:

Required textbook:

No required book to buy! To tailor the course to specific mathematics education research and because no single book completely covers all goals of this course, we will use handouts, individual articles (usually drawn from the bibliography list later in this syllabus), online resources and demonstrations, taking into account class backgrounds, interests, and time available. Remember to do each reading before any live meeting when we discuss it.

Each reading is available in one or more of the following ways (depending on logistics and copyright issues), and learning how to find articles in the literature is an objective of the course:

- First, try the Internet (e.g., for open-access journals and websites).
- If that doesn't work, see if it's posted in our class Blackboard shell (readings)
- Then try the UTEP library website (you may need to be connected through VPN) -- from its home page, type the name of the journal's title into the MinerQuest Search window and choose Journal Titles from the dropdown menu. This usually results in your being able to access the journal from one or more sources and sometimes you can access more years than the listing says.
- Next try the UTEP library electronic reserve via library homepage (note: if the library changes the click-path, ask the library for help and let me know): Research → course reserves → search by Instructor → Lesser → 5361 or 5360
- Finally, try the UTEP library hardcopy reserve at Circulation Desk (under Lesser or 5360 or 5361). For example, the 2012 reference book Atkins and Wallace book *Qualitative research in education* (Sage Publications) is available using 2-hour checkout from the UTEP library hardcopy reserve for MATM/MATH 5361 at the Circulation Desk.

Course Objectives (Learning Outcomes):

Students will....

- Increase ability to navigate, critique, and synthesize the research literature in mathematics education (which is assumed to include statistics education)
- Gain familiarity and hands-on experience with (primarily qualitative) methodology options and how to choose an option that aligns with the student's research question in mathematics education
- Develop understanding of criteria for rigor, reliability and validity in qualitative research
- Develop understanding of triangulation (four types: data, researcher, theory, method)
- Develop understanding of how qualitative methods can complement quantitative methods
- Understand pitfalls and ethical principles of (qualitative) research and how to comply with Institutional Review Board (IRB) requirements
- Write and present a mathematics education research paper that uses current edition of APA style
- Learn how to contribute to and benefit from being part of a community of (emerging) scholars, including peer debriefing and feedback on oral and written communication

Course Activities/Assignments: Students will participate in a variety of activities and assessments, informed by factors such as available technology and grading resources.

Assessment of Course Objectives: Assessments may include assessments (such as quizzes or written reflections), exams, presentations, and a final project.

Course Schedule:

Census Day: **Wed., Feb. 1**

Pi Day: March 14 (not a meeting day, but here's a **webpage** to celebrate the mathematical holiday wherever you will be)

Midterm Exam: **subject to change, but currently scheduled to be available online between 6:20pm Sunday March 19 and 6:20pm Tuesday March 21** (by March 2, I'll confirm exact date, format and material covered)

Deadline to Drop with a "W": **Thurs. March 30**

Presentation (10-min.) of Final Papers: **during last 2 regular meeting days (May 2 & 4); if you have a major conflict with both days, you may upload (through Yuja) to Bb by 4pm May 4 a 10-minute video of your presentation that can be watched by our class in your absence**

End-of-Course Evaluations by students during expected window of **April 24-May 7**

Final Papers: uploaded to Bb by **Thursday, May 4, 11:59pm.**

Finals Week meeting (as reserved by UTEP registrar) is **Tuesday May 9, 5-7:45pm in Bell 130A** (this could be used for conversations about papers, if graded by then)

Course grades: expected to be submitted by instructor to registrar by May 17 and posted by UTEP on May 18

Grading Policy: after any rescaling needed for all components to be on the 0-100 scale, the grade is determined by the usual cutoffs of 90-80-70-60 based on these 4 parts:

* Midterm Exam (20%)

* Discussion Board Posts (5%): This is based on doing whatever Discussion Board posting is assigned by its deadline. To get credit, the post needs to be a sincere, constructive, thoughtful, specific reflection relevant to the question – not just something like "I agree!" without explaining why.

* Homework/Projects (30%) – for example, see Projects folder in Bb course shell

* Final Paper (30%) – due **May 4, 11:59pm**; details are posted in our Bb shell

* Oral Presentation of Final Paper (15%) **during last 2 regular meeting days (May 3 & 5); let me know if you have a major conflict with both days, and I can give you information about uploading (by 4:30, May 5) a video of your presentation**

* Extra-Credit: up to 5 points added to everyone's midterm exam score based on class minimum response rate threshold reached on end-of-course evaluations (95% = 5 pts, 90% = 4, 85% = 3, 80% = 2, 70% = 1), assuming UTEP keeps allowing this reward and lets me access the rate in a timely manner

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technical difficulties, update your browser, clear your cache, or try switching to another browser.

You will need to have access to a computer/laptop and be able to scan images if necessary (there is a handout in the Bb course shell of how to do that with your phone). A webcam is sometimes available for checkout from UTEP tech support and is nice to have so we can see each other during live conversation, for example. You should also have at least a built-in microphone so that you can talk to me during an online office hour and so that we can model the verbal and non-verbal communication that is part of data collection strategies we study in the course such as observations and interviews.

Check that your computer hardware and software are up-to-date and able to access all parts of the course. The Technology Support Center has laptops and hotspots available to students to borrow for the whole semester (see [application form](#)).

You may need to download or update the following software: Microsoft Office, Adobe Acrobat Reader, Windows Media Player, QuickTime, and Java. If you do not have word-processing software, you can download Word and other Microsoft Office programs (including Excel, PowerPoint, Outlook and more) for free via UTEP's [Microsoft Office 365 Portal](#).

IMPORTANT: If you encounter technical difficulties beyond your scope of troubleshooting, please contact the UTEP [Help Desk](#) as they are trained specifically in assisting with technological needs of students. Please do not contact me for this type of assistance. The Help Desk is much better equipped than I am to assist you!

[Course Communication: How we will stay in contact with each other](#)

Almost every Tuesday, we should see each other in person and be able to talk face-to-face. There are also several other ways we can keep the communication channels open:

- **Office Hours:** Office hours (posted fixed times or arranged appointments) will be available for your questions and comments about the course. See Bb course shell left-hand sidebar for the link to the Zoom office hour room.
- **Technology help:** contact the [UTEP HelpDesk](#)
- **Discussion Board:** opportunities to interact with me as well as your classmates.
- **Help from the instructor:** contact the instructor by [using the Course Messages tool](#) in Blackboard (or by email – see notes on Communication on p. 2)
- **Announcements:** Check the Blackboard announcements (ideally each day, but at least one day between each two class meetings) for any updates, deadlines, or other important messages. (Another option is that by checking your official UTEP email each day, you will find out if there is a Blackboard Announcement, but by logging into Blackboard you will also be able to check on activity in Discussion Boards or Course Messages)

Makeup Policy:

If you have a major/unavoidable situation that could impact completion of a major assessment in the course, I am happy to work something out with you that is supportive and fair, especially if you have some kind of documentation (such as doctor's note, jury summons, a note from an employer/athletic/military supervisor, etc.) and if you take the initiative to send me a Course Message, email, or voicemail (747-6845) before or within 24 hours (or the earliest medically possible opportunity) of the deadline that tells me: (1) why you are/were unable to meet the scheduled deadline (even if it takes another few days to relay to me written documentation) and (2) the earliest deadline you would be able to fulfill. Out of considerations of fairness and logistics, if a makeup or extension is granted, it may be subject to a grade penalty commensurate with how late it is, the timeliness of the notification, and the nature and documentation of the extenuating circumstances.

ALTERNATIVE WAY TO SUBMIT WORK IN CASE OF TECHNICAL ISSUES

If you are experiencing difficulties submitting your work through the Blackboard, please contact the **UTEP Help Desk**. Remember there is a document in our course shell (see Technology Resources folder) describing how to use your phone to take a picture of work and upload it as a PDF file.

Save all your work (answers to discussion posts, quizzes, exams, and essays) in a separate Word document as a backup. This way, you will have evidence that you completed the work and will not lose credit and as a last resort, you can send me or the grader (via Course Messages, or by email if Bb is down) your backup document.

POLICY ON AN INCOMPLETE GRADE FOR THE COURSE

Incomplete grades may be requested in exceptional circumstances after you have completed at least half of the course requirements. Talk to me immediately if you believe an incomplete is warranted. If granted, we will establish a contract of work to be completed with deadlines.

Drop Policy: According to UTEP Curriculum and Classroom Policies, "When, in the judgment of the instructor, a student has been absent to such a degree as to impair his or her status relative to credit for the course, the instructor may drop the student from the class with a grade of "W" before the course drop deadline and with a grade of "F" after the course drop deadline." While I would have the right to do this, I am letting you know that I won't generally be the one to drop you from the course – you will instead need to contact the Registrar's Office yourself to initiate the process by the deadline to make sure you won't be at risk of receiving a failing grade. The reason for this policy is because I have found that the very cause of an extended absence is what may also prevent you from being in touch to discuss it with me in a timely manner, and I have also had some students actually prefer a likely F to dropping the course due to particular requirements of their financial aid or military service agreement.

Academic Integrity Policy: It's UTEP policy (and mine) for suspected violations to be referred to **Office of Student Conduct and Conflict Resolution** (OSCCR) for investigation and disposition (see **Handbook of Operating Procedures**). Cheating, plagiarism and collusion in dishonest activities are serious acts which erode the university's purpose and integrity and cheapen the learning experience for us all. Don't resubmit work completed for other classes without specific acknowledgment and permission from me. It is expected that work you submit represents your own effort (or your own group's effort, if it is a group project), will not involve copying from or accessing unauthorized resources or people (e.g., from a previous year's class). You must cite references that you do consult, using APA style with complete citations even for websites and people you consult. **For material on academic integrity, see the module in our Bb course shell.**

Academic dishonesty is prohibited and is considered a violation of the UTEP Handbook of Operating Procedures. It includes, but is not limited to, cheating, plagiarism, and collusion. **Cheating** may involve copying from or providing information to another student, possessing unauthorized materials during a test, or falsifying research data on laboratory reports. **Collusion** involves collaborating with another person to commit any academically dishonest act. **Plagiarism** occurs when someone intentionally or knowingly represents the words or ideas of another as one's own. (Some of your coursework and assessments may be submitted to a plagiarism-detecting software such as SafeAssign. SafeAssign is used to review assignment submissions for originality and will help you learn how to properly attribute sources rather than paraphrase.) See links in our Bb course shell to modules for more information on academic integrity.

For Group Work: For assignments the instructor specifically announces that group work is permitted, members within a group are allowed to divide up parts of an assignment/project where each individual takes initial responsibility for coordinating efforts for a particular part, but it is required that by the time a group turns in a writeup that all members have read, discussed, contributed to, and understand everything that is being turned in. Group members may not share or discuss parts of written work with members of other groups.

Civility Statement: We should all strive to follow basic standards of courtesy. Our comments in discussion forums should focus constructively and respectfully on the intellectual merit of a position, *not* critiquing the person expressing it. Finally, know that free speech has limits and that the **UTEP Handbook of Operating Procedures** prohibits communication that is harassing, disruptive, or that incites imminent violations of law. Violations may be referred to the **Office of Student Conduct and Conflict Resolution** or, if necessary, Campus Police.

NETIQUETTE

Follow **UTEP netiquette guidelines**. As we know, sometimes communication online can be challenging. It's possible to miscommunicate what we mean or to misunderstand what our classmates mean given the lack of body language and immediate feedback. Therefore, please keep these **netiquette** (network etiquette) guidelines in mind. Violations may result in disciplinary action.

- Always consider your audience. This is a college-level course; therefore, all communication should reflect polite consideration of other's ideas.
- Respect and courtesy must be provided to classmates and to the instructor. You can critique someone's statement while respecting, not attacking, the person who made the statement. No harassment or inappropriate (e.g., profane, hateful, racist, sexist, etc.) postings will be tolerated and sustained/deliberate violations will be referred to the **Office of Student Conduct and Conflict Resolution** if necessary.
- When reacting to someone else's message, address ideas, not the person. Post only what anyone would comfortably state in a face-to-face situation.
- Our Blackboard space is not a public internet venue; postings to it should be considered confidential. Whatever is posted on in these online spaces is intended for classmates and professor only. Do not copy documents and paste them to a publicly accessible website, blog, or other space.

Student Accommodations Statement: The University is committed to providing reasonable accommodations and auxiliary services to students, staff, faculty, job applicants, applicants for admissions, and other beneficiaries of University programs, services and activities with documented disabilities in order to provide them with equal opportunities to participate in programs, services, and activities in compliance with sections 503 and 504 of the Rehabilitation Act of 1973, as amended, and the Americans with Disabilities Act (ADA) of 1990 and the Americans with Disabilities Act Amendments Act (ADAAA) of 2008. Reasonable accommodations will be made unless it is determined that doing so would cause undue hardship on the University.

If you have or believe you have a disability requiring accommodations, you may wish to self-identify by contacting the **Center for Accommodations and Support Services** (CASS; 747-5148; Union East Building 106; cass@utep.edu) to show documentation or register for testing and services. CASS will ask you to discuss needed accommodations with me within the first 2 weeks of the semester or as soon as disability is known, and at least 5 working days before an exam. Be aware that CASS does not allow accommodations to be offered retroactively, so, for example, if you believe you qualify for an accommodation for extra time on an exam or assignments, you should make sure you contact CASS with enough time before that exam/assignment, not afterwards. At the start of a term, CASS sometimes has had processing delays, and you are responsible to contact (and follow up with) CASS promptly so that I receive the CASS accommodation letter as soon as possible. CASS provides note taking, sign language, interpreter, reader and/or scribe services, priority registration, adaptive technology, diagnostic testing for learning disabilities, assistance with learning strategies/tutoring, alternative testing location and format, and advocacy. Depending on the specifics of your accommodations, I may need to email you to set up a live conversation with you about the best approach, so please be responsive. In summer 2020, **CASS** launched the online portal AIM (Accessible Information Management) that allows students to access or request services online 24/7.

Military Statement: Give me an email or written documentation as soon as possible if you anticipate the possibility of missing large parts of class due to military service.

COVID-19 PRECAUTIONS

Any person who is sick, feels ill, or experiences symptoms consistent with COVID-19 should stay home and get tested. If anyone tests positive for COVID, they must self-isolate and report their results to COVIDaction@utep.edu, where an Environmental Health and Safety representative will contact the individual and offer additional guidance and instructions. Information about testing options at UTEP can be found online (I believe the most current page is [COVID Testing](#)).

Catalog Description: an introductory course on qualitative research methods, especially appropriate for classroom research, including interviews, observations, surveys, and artifacts. Course includes research design, instruments, rigor criteria, and IRB process.

Professionalism Statement: Beyond the previously-mentioned Civility Statement, students in this course are expected to exhibit professionalism that goes beyond avoiding negative behaviors. This includes making a good faith effort in preparation for and participation in individual and collaborative class activities. This also includes supporting a classroom culture respecting “incorrect answers” as usually correct answers to a different question or valuable opportunities to address an important distinction or common misconception. (*Fun Fact:* “mistakes” led to inventing sticky notes, penicillin, and rubber tires!) Also, be open to local opportunities for professional growth or service. For example, teachers may consider encouraging K-12 students to enter an **ASA Project or Poster** (due April 1) or joining (at cheaper student rates!) professional organizations on the state (**TCTM**) or national (**ASA, NCTM, TODOS**, etc.) levels. You can also get a taste of student research through local events such as the **COURI symposium** or **Graduate Student EXPO**.

Confidentiality: UTEP policy requires that inquiries about confidential information such as grades cannot be done over the telephone, but can be from your miners.utep.edu account or within Blackboard Course Messages and accompanied by your 800 number. If the question happens during a virtual office hour where others are present, the instructor can bring you into a private virtual “breakout room” where no one else can hear. Grade information will be posted in our Bb course shell.

Any recording I may provide of a class meeting is governed by the Federal Educational Rights and Privacy Act (FERPA) and UTEP’s acceptable-use policy. Any recording of class sessions will be kept and stored by UTEP in accordance with FERPA and UTEP policies. I will not share any recordings of class activities outside those allowed to attend and you, in turn, may not post or share any recordings outside of this course and doing so may result in disciplinary action.

Copyright Statement for Course Materials

All materials used in this course are protected by copyright law. The course materials are only for the use of students currently enrolled in this course and only for the purpose of this course. They may not be further disseminated.

Student Support: While my training is limited to academic resources, I want anyone who feels overwhelming stress/crisis/need to know about these broader resources:

TECHNOLOGY: **resources for learning from home** include equipment checkout, mobile hotspots, smartphone use, OneDrive, Minitab statistics software, Microsoft Office (including Excel and PowerPoint), VPN (to access Library materials). **UTEP HelpDesk** continues to offer you technical support at you can **test your Internet connection** from your location and make sure your upload and download speeds are at least 1-2 Mbps.

FINANCES: If you need assistance with tuition, books, technology, or even food and housing, there are many resources available, including: **UTEP Cares**, **Dean of Students Emergency Aid**, **Student Emergency Fund**, and the **Student Success HelpDesk**.

HEALTH: UTEP **counseling center**, **Student Health and Wellness Center**, **UTEP Food Pantry**, **UTEP Campus Safety**

El Paso coronavirus hotline 212-6843, **El Paso COVID-19 information**, El Paso's 24-hour Mental Health Crisis Line 779-1800, National Suicide Prevention Hotline or Veterans Crisis Line 1-800-273-8255, NAMI (National Alliance Against Mental Illness) of El Paso 534-5478, **CDC Self Care** and **CDC mental health resources**.

BIBLIOGRAPHY (see p. 4 for how to access articles)

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Blackwell Publishing book's **introductory chapter**:

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some TOOLS (mostly free) for QUALITATIVE DATA ANALYSIS:

- http://en.wikipedia.org/wiki/Computer_assisted_qualitative_data_analysis_software
<https://discovertext.com/>
<http://rqda.r-forge.r-project.org/>
<http://www.transana.org/>
<http://compendium.open.ac.uk/institute/>
<http://www.pressure.to/qda/>
<http://discovertext.com/>
<http://boardreader.com/index.php?a=a&x=1> (searches website for words)
<http://vue.tufts.edu/index.cfm> (concept map)
<http://texttexture.com> (graph network of key words in text)
<http://www.liwc.net/tryonline.php> (personal vs. formal)
<http://voyeurtools.org> (word cloud)
<http://admin.utep.edu/Default.aspx?tabid=74274> (NVIVO)

for transcribing interviews, there are many apps available now, including
<http://www.transcribelive.com/> or <https://otter.ai/>

There are also tools to look for frequency counts of words, such as:
http://writewords.org.uk/word_count.asp