



Department Overview

**ELECTRICAL & COMPUTER
ENGINEERING**



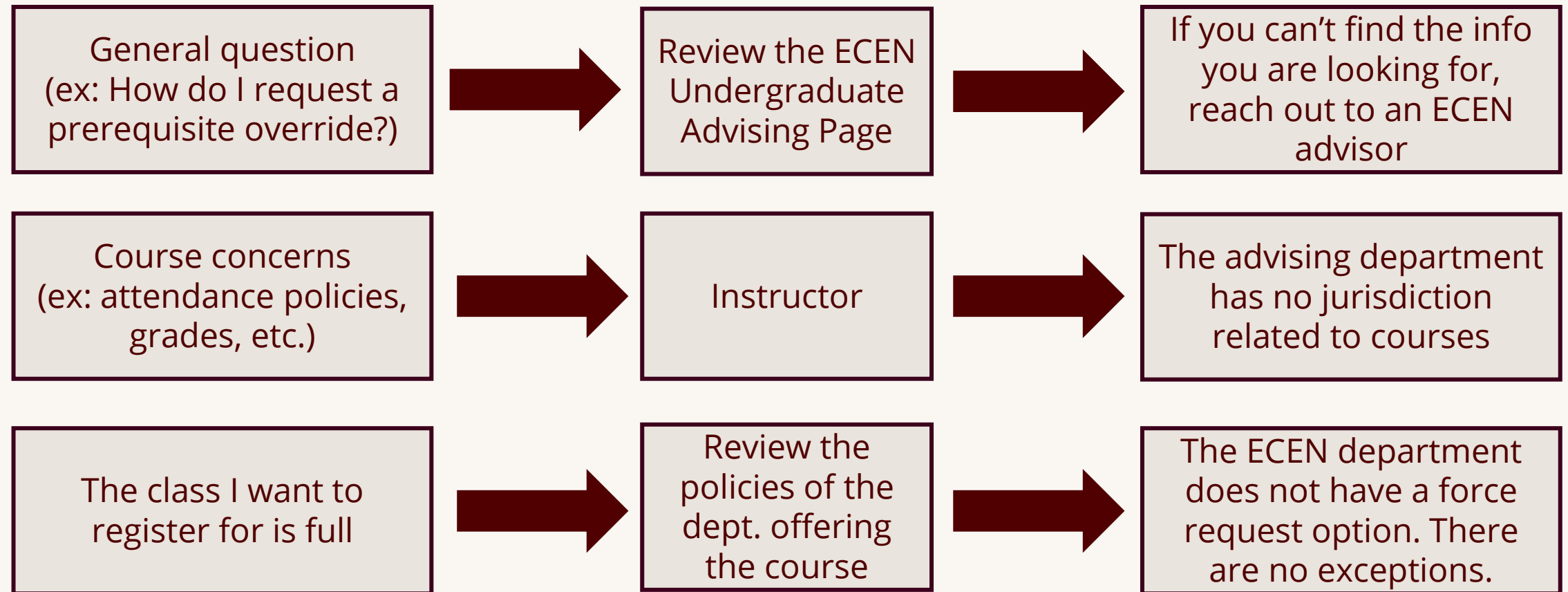
Logistics and Details

- After reviewing essential information about our department, advisors will assist new students with schedule building.
 - Before registration, new students must have completed the following essentials:
 - Accept Terms of Use & Location Update
 - Lab Safety Acknowledgement
 - Completed and provided documentation of all required vaccinations
 - Provided documents requested by the department such as syllabi for courses to be reviewed for equivalency
- Parents are welcome to explore the campus and College Station.

Who to Contact When



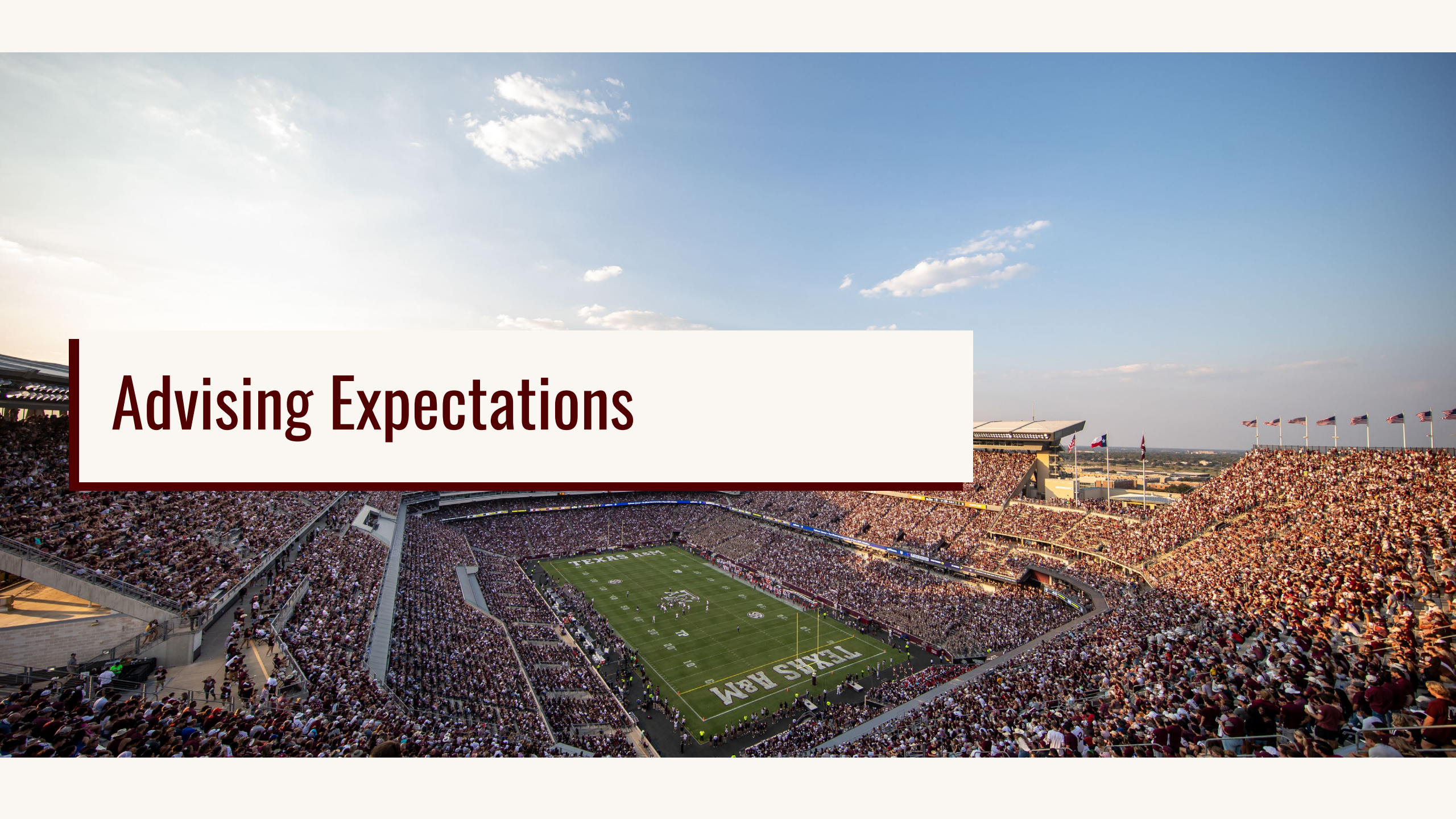
Who to Contact When



Contact Between An Advisor and You

- **Appointments: (*Zoom & In-person*)**
 - Howdy>NAVIGATE icon
- **Open Advising Hours: (*Zoom & In-person*)**
 - Sign-in during open advising hours at tx.ag/ECENwalkins
 - If Zoom option is selected, sign-in to provided Zoom link.
 - If In-person option is selected, be present in ECEN Undergraduate Advising Office in WEB, Suite 223.
 - Wait for an advisor to visit
- **TAMU Email Etiquette:**
 - Use TAMU email for all TAMU communication
 - Include name & UIN in all emails
 - Check email frequently (at least 2x daily)
 - Communication with advisors or any TAMU official should be professional and courteous
 - Expect delayed response during peak advising times (i.e. add/drop week)

Advising Expectations



Advising Expectations

Your Advisor Expects You To:

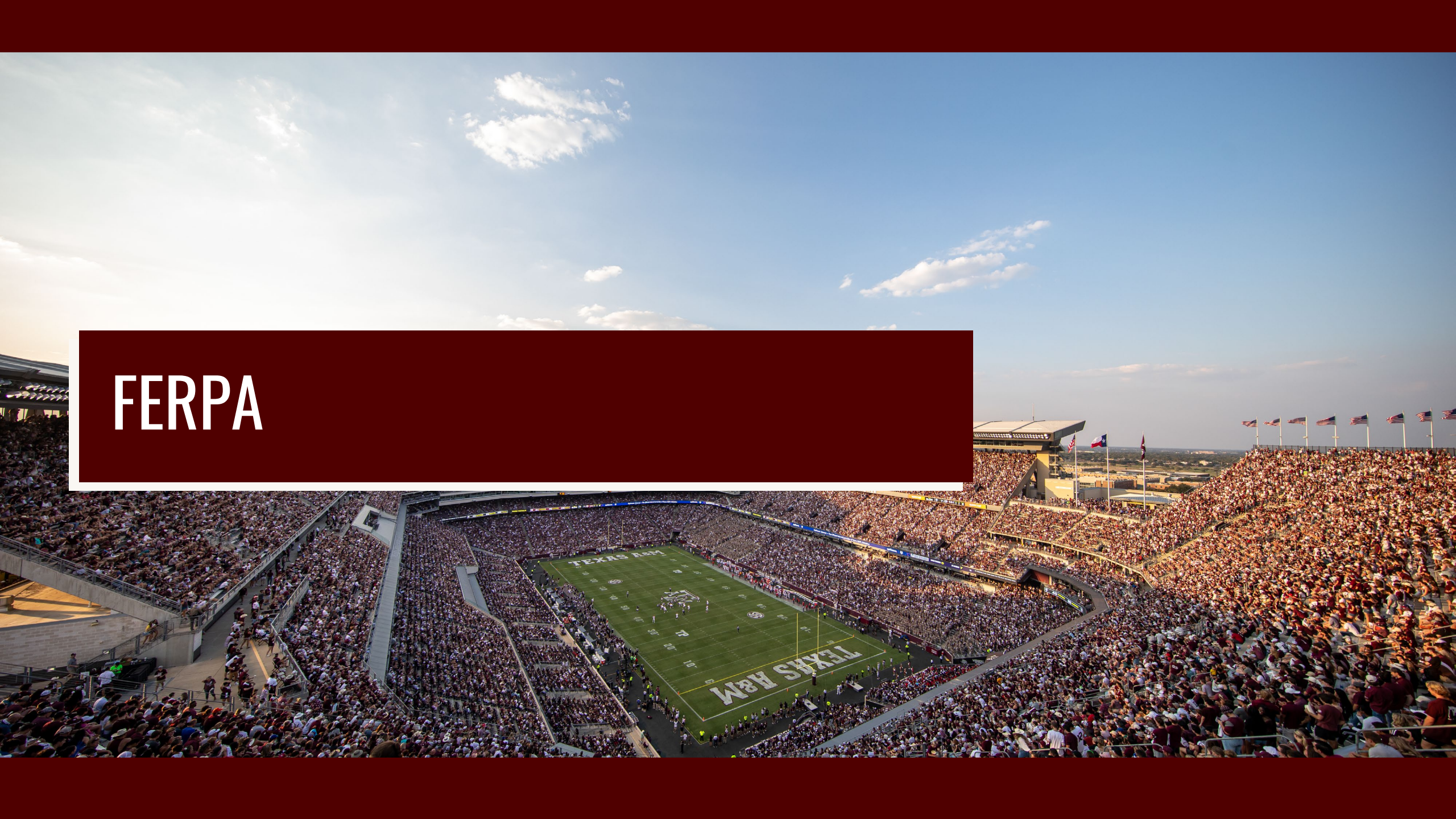
- Keep your Degree Planner up to date in Howdy – needs to be submitted and approved between March 1 – Sept 30 each year.
- Take notes during advising appointments and meetings.
- Come prepared to advising meetings with your questions, or to discuss goals and educational plans.
- Ask questions if you do not understand an issue or have a specific concern.
- Keep your address and phone information current in Howdy.
- Remember that an advising session is a professional meeting between you and your academic advisor.
- Silence your cell phone and disable your notifications before your advising meeting.
- Accept responsibility for your decisions and actions (or inactions) that affect educational progress and goals.
- Bring a draft schedule or list of classes you are considering, if seeking assistance with your schedule

Advising Expectations

Your Can Expect Your Advisor To:

- Communicate curriculum and graduation requirements, as well as academic policies and procedures.
- Encourage and guide you to define and develop clear and realistic educational plans.
- Assist you in gaining decision-making skills and assuming increasing responsibility for your education and achievements.
- Be accessible for meetings with you during advising hours, via appointment, walk-in, or email.
- Maintain your privacy according to FERPA and university policy by limiting information given out over the phone and using only your official TAMU email address.
- Work with you to assess your academic performance and areas of strength to ensure they are consistent with your plans.
- Refer you to other campus offices and resources as needed.

FERPA



Family Educational Rights and Privacy Act (FERPA)

- FERPA rights reside with the student. Detailed information is provided in an annual notice (sent via email), the University Catalog, and on the Aggie One Stop website.
- Student rights include:
 - The right to inspect and review, with certain limited exceptions, your education record
 - The right to seek amendment of your education record when the records are inaccurate, misleading, or otherwise in violation of FERPA
 - The right to consent to disclosures of personally identifiable information
 - The right to file a complaint with the Department of Education concerning alleged failure by the university to comply with FERPA requirements.

Family Educational Rights and Privacy Act (FERPA)

- Outside of information designated by Texas A&M as directory information, school officials can disclose your student education information only with your prior, written consent or utilizing an appropriate FERPA exception to written consent.
- Family Members: The best practice is for your student and you to have an ongoing conversation about their progress in their courses, including any grades. However, your student is able to grant you access to their grades through Howdy.

Student Rules

- Each student has the responsibility to be fully acquainted with and to comply with the Texas A&M University Student Rules
 - [tx.ag/StudentRules](https://www.tx.ag/StudentRules)
- Two or more unsuccessful attempts of required coursework, including q-drops, withdrawals, and non-passing grades, requiring another attempt to take the course will result in academic probation ([Student Rule 10.21](#)).
- Coursework beyond the scope of the major without obtaining departmental approval, will result in a curriculum violation or closet-major classification ([Student Rule 1.5.1](#)).
- Undergraduate students required to submit an undergraduate degree plan who do not have an approved initial or resubmitted undergraduate degree plan on file by the published deadline will be held from registering for future semesters. ([Student Rule 1.9.4](#))
- It is the responsibility of the student to be sure that course prerequisites are met. ([Student Rule 1.15](#))

Course Registration



Degree Plan

Electrical Engineering
(ELEN)

Computer Engineering
(CPEN)

*Refer to Howdy Packet

- Courses in **bold** must be completed with a C or better.
- T= Theory (Lecture)
- P= Practicum (Lab)
- c= co-requisite
- Communications Elective (ENGL 210, or COMM 205, or 243)

Note: Courses not completed with the required C or better must be repeated in the following semester.

**All required prerequisites must be completed with the grade required by the ECEN department prior to taking the course that requires them.*

ENGR [X] HIGH IMPACT EXPERIENCE

ENGRx high impact experience provides you with skills & experience which will enhance your engineering degree and thus make you more attractive to employers.

Step 1

- Identify high impact experience (options listed to the right).

Step 2

- Complete high impact experience.
- Experience must be completed before your final semester.

Step 3

- Only once you have completed the high impact experience and ECEN 399 with a passing grade, will you be able to graduate.

Approved High Impact Experience List:

- Internship (ECEN 484 or ENGR 484)
- Co-op (ENGR 385)
- Study Abroad
- Undergraduate Research (491)
- TAMU University Double Major/Double Degree or Minor
- College of Engineering Certificate
- Elected Leadership Role in: IEEE, HKN, SEC, or Robomaster Robotics
- Corp of Cadets or Military Service
- Research Experiences for Undergraduates (REU)
- Bachelors+ Program

AP/IB/Dual Credit/Transfer Credit



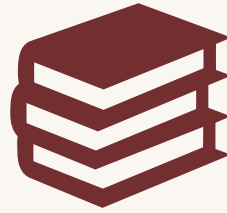
Advanced Placement/International Baccalaureate Scores

To send additional AP/IB scores visit:

- <http://dars.tamu.edu/>

Applying scores to transcript

- Visit the Credit by Examination link in the My Record tab in Howdy



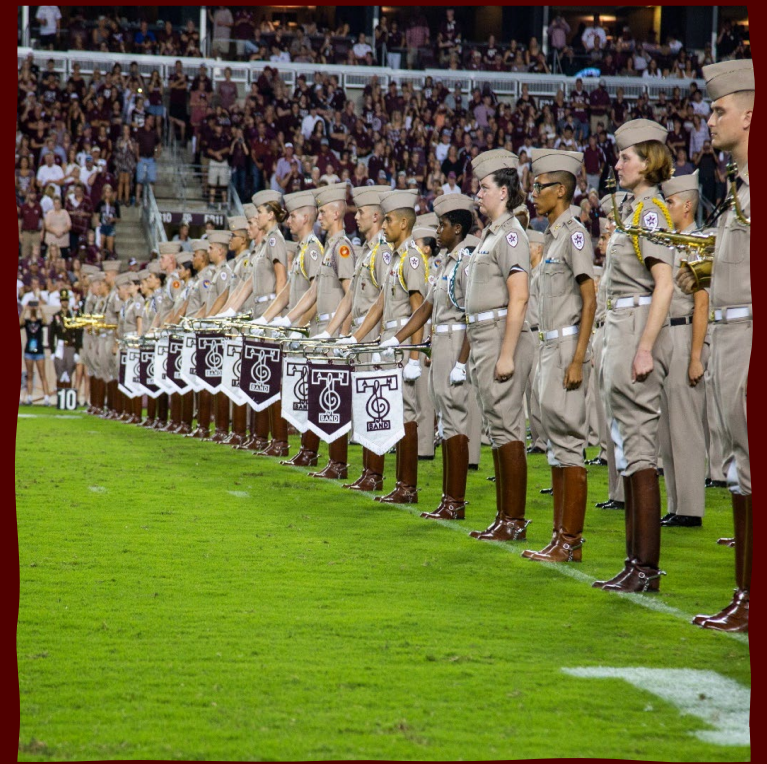
Dual Credit/Transfer Credit

- Your degree plan notes what you will receive credit for based on your transcript
- AP, IB, Dual Credit or Transfer grades will not be calculated in your TAMU GPA but credit will be applied
- TRNS courses transfer in by title – syllabus may be requested and requires a minimum of a “B”
- NTRN courses do not transfer to A&M



Common Question

- ENGL 203, COMM 203 (SPCH 1315 and 1321) do NOT fulfill the second Communication Requirement. Only ENGL 210, COMM 205, or COMM 243 fulfill the second Communication Requirement.

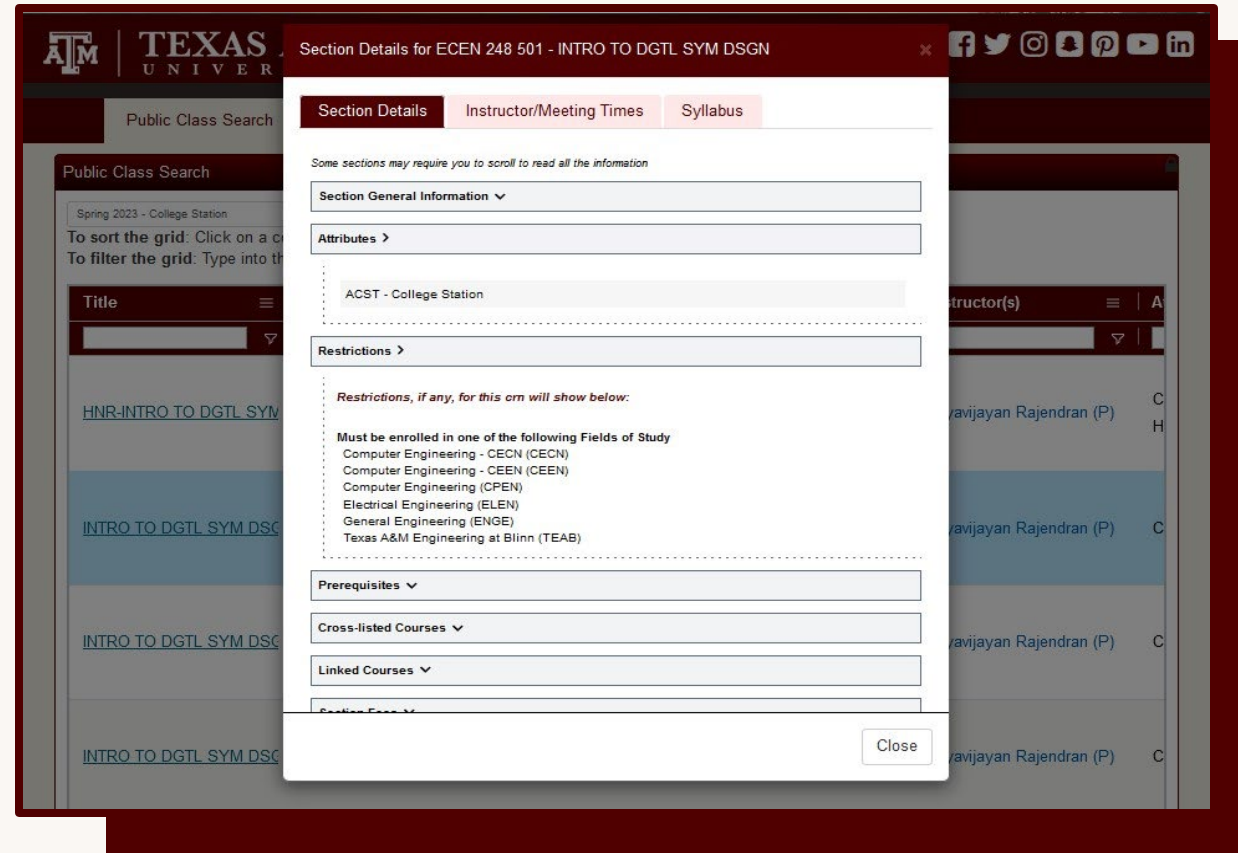


CORPS OF CADETS & STUDENT ATHLETES

Please visit with your Corp of Cadet Advisor or Athletic Advisor about course requirements.

Common Registration Errors & Restrictions

- **Prerequisite & test score error:** prerequisites are not met
- **Student attribute restriction:** Lab Safety Acknowledgement is not submitted for the term you are registering for
- **Time conflict:** time conflict with another course you are registered for
- **Field of Study Restriction:** you have to be in a particular major/department to take the course. Double check you have selected a College Station section.



CHEM 107/117 REGISTRATION

- CHEM 107 (**lecture**) + CHEM 117 (**lab**) are co-requisites, meaning you must register for them at the **same time**, not sequentially.
- **Common Questions**
 - X CHEM 119 \neq CHEM 107/117
 - ✓ CHEM 119 + 120 = CHEM 107/117



Registration Notes

- To be classified as full time – register for 12 credit hours
- Step-by-step registration instructions available in Howdy packet
- Review suggested schedule in advising handout
- Email an advisor if you need to change your schedule after final transfer transcripts have been received and processed by the Registrar's office

Registration Notes cont'd

- Remove any holds prior to registration
- Be flexible!
- Honors sections are 2XX
- Some courses have restrictions (i.e. ENGR 102, ENGR 216, ENGL 210, etc.)
- GEOG 201 for Engineers (will fulfill a Social and Behavioral Science and International and Cultural Diversity elective)

Aggie Schedule Builder

- Select courses and compare schedule options based on all sections available to find the best fit
- Include breaks in your schedule for obligations such as work, studying, or family
- Save potential schedules to your favorites prior to registration
- Register directly from Aggie Schedule Builder during your assigned registration time
- The Aggie Schedule Builder can be accessed from both "Registration" and "Class Search" in Howdy.

The screenshot displays the Aggie Schedule Builder web application. At the top, there is a navigation bar with links for 'Build Schedule', 'Shopping Cart (0)', 'Current Schedule (0)', 'Help', and 'Sign out'. The AT&M logo is prominently displayed in the center. Below the logo, there are filters for 'Term' (Spring 2023 - College Station), 'Course Status' (Open & Full), 'Sessions' (All Sessions Selected), and 'Instruction Modes' (All Instruction Modes Selected), each with a 'Change' button. The user's UIN is 833007178. The main content area is divided into 'Courses' and 'Breaks' sections. The 'Courses' section includes a '+ Add Course' button and a list of selected courses: ECEN 214 (Electrical Circuit Theory), ECEN 248 (Introduction to Digital Systems Design), and ECEN 303. Each course has a 'Prerequisites' link, a 'Sections' link with a gear icon, and an 'Add' button. The 'Breaks' section has a '+ Add Break' button and a text input field for adding times during the day you do not wish to take classes. A red-bordered callout box with a red arrow points to the 'Open & Full' status dropdown in the 'Course Status' filter, containing the text: 'Can't see the course you want? Select "Open and Full" to see all sections and seat availability'.

Build Schedule Shopping Cart (0) Current Schedule (0) Help Sign out

AT&M

Term Spring 2023 - College Station Change Course Status Open & Full Change

Sessions All Sessions Selected Change Instruction Modes All Instruction Modes Selected Change

UIN: 833007178

Courses + Add Course Breaks + Add Break

Select All

ECEN 214 Electrical Circuit Theory Sections Add

Prerequisites

ECEN 248 Introduction to Digital Systems Design Sections Add

Prerequisites

ECEN 303 Sections Add

Add times during the day you do not wish to take classes.

Can't see the course you want? Select "Open and Full" to see all sections and seat availability

Course Status Open & Full Change

Instruction Modes All Instruction Modes Selected Change

Tips for Making a Schedule

Aggie Schedule Builder Initial set up

- Select Term: **Spring 2026 - College Station**
- Select Session: **Spring 2026 - College Station - Semester**
- Select Course Status: **Open Classes Only**
- Select Instruction Mode:
 - **Traditional Face-to-Face (F2F)**
 - **Web Based***
 - **Proceed with caution when registering for Web Based courses - Distance Education Fee (\$750+) may apply**

Tips for Making a Schedule

ADVANCED FILTERS recommendations

- Select 'College Station' under Section Attributes
 - This should remove GV (Galveston) and M (McAllen) sections
- Deselect any sections with Restrictions that apply to you such as:
 - Uncheck all 200 level sections (honors) if not applicable
 - ENGR 102:
 - Uncheck all 400 level sections (Reserved for Blinn/TEAB)
 - Choose 'Non Topic Sections'
 - Carefully review each section selected for every course to be sure you meet the requirements
 - Double check you have not selected M or GV sections

Tips for Making a Schedule

Have a plan

- After you have put together your preferred schedule:
 - Double check that you meet the requirements by reviewing prerequisites and restrictions
 - Be sure you have not selected any Galveston, McAllen, TEAB/Blinn, or Academy sections
 - Best practice is to choose sections with more than 1-2 seats available
- It is recommended that you save 2 or more back-up schedules to your Favorites in Aggie Schedule Builder
 - Include a variety of different sections so all of your potential schedules are not relying on one specific section number being available
 - All students attending your conference day hit Register at 3:30pm – sections can fill up quickly
- Check the Aggie Map – make sure you have time to reasonably get to your next class

Registration Expectations

- If your preferred section of a course is full – it is your responsibility to register for an open section that you qualify for.
 - The ECEN department does not have a force request option
- All ECEN students are required to complete all required prerequisites with a grade of 'C' or higher prior to taking the course that requires them. There are no exceptions.
 - Prerequisites are not tied to a student's catalog year and are subject to change.
- The Degree Plan document provided by the department is a guide – you have the flexibility to move classes around, if all prerequisite requirements are still being met.
 - **Note that prerequisites can be added in future semesters and will apply regardless of your catalog.**

Aggie Honor Code



Academic Misconduct

There are 9 different definitions of academic misconduct at Texas A&M University:

- Cheating
- Fabrication
- Falsification
- Multiple Submissions
- Plagiarism
- Complicity
- Violation of College, Program, Departmental or Course Rules
- Abuse and Misuse of Access and Unauthorized Access
- Violation of University Rules on Research

“An Aggie does not lie, cheat or steal, or tolerate those who do.”

Reporting

- All suspected incidents of academic misconduct must be reported to the Aggie Honor System Office.
- Students are educated and provided resources regarding their rights and responsibilities through the Aggie Honor System Office.
- This education includes information about their right to file an appeal.

Adjudication

- Instructors may only impose academic and educational sanctions.
- The Honor Council may decide finding of responsibility and sanction through an Honor Council Hearing or Honor Council Conference. The Honor Council may impose academic, educational, and university level sanctions.

Aggie Honor Code – Artificial Intelligence (AI)

- Refer to Course Policies
 - Acceptable use of AI varies by course. Always consult the syllabus and clarify expectations with your instructor.
- Use AI as a Learning Aid, Not a Substitute
 - AI tools can support your learning process but should not replace your original work or critical thinking.
- Maintain Academic Integrity
 - If AI tools are used, be transparent and provide proper attribution when required by the instructor or assignment guidelines.
- Evaluate AI-Generated Content Critically
 - AI output may include inaccuracies or bias. You are responsible for verifying the accuracy and credibility of any information used.

College Resources



Academic & Support Resources

Academic Success Center

Get course support and tutoring:

- [Study Hub](#)
- [Tutoring](#)
- [Academic Coaching](#)

Math Learning Center

Get course support and tutoring for MATH courses:

- [Math Support](#)
- [Help by Course](#)

CSCE Peer Teachers/ Discord Server

• In-person peer teacher office hours are held in Peer Teacher Central in PETR 127, 8-5 PM.

- [PTC Discord Server](#)

• Have peer teachers for 100 and 200-level courses, as well as all CPSC Minor courses.

Academic & Support Resources

Professor's and/or TA's Office Hours

- Check your syllabi or reach out to professors to verify office hours.
- If you are struggling at all in a course, go see the professor!
- They will often look out for you or help you if they know you are actively doing your best in their course.
- They have most likely had other students struggle with their courses before, and should be able to offer guidance.
- May need to ask specifically for resources.

Accommodations & Disability Services

- Interested in requesting accommodations? Don't wait until you're super stressed!
- Disability Resources (FAQ, Temporary Disabilities, Tutoring, Writing Center, Veteran Services, Evaluators in our area, etc.)
- Contact 979-845-1637, disability@tamu.edu

Counseling & Mental Health Services

- TELUS app: 24/7 access to professional counseling by phone or chat
- Appointment or workshop at University Health Services: 979-458-4584
- Student Assistance Services: 979-845-3113
- Crisis Text Line: Text HOME to 741741
- The National Suicide & Crisis Lifeline: 988
- You can view more options for support and resources at: <https://mentalhealth.tamu.edu>

Staff Introductions



ECEN UNDERGRADUATE ADVISING OFFICE

General Office Information
Email: ecenundergrad@tamu.edu
Location: Wisenbaker, Suite 223



Dr. Aydin Karsilayan
Co-Director of Undergraduate Programs



Dr. Kevin Nowka
Co-Director of Undergraduate Programs



Rachel Garcia
Advising Coordinator



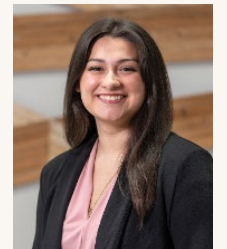
Jessica Gist
Academic Advisor III



Sarah Somerville
Academic Advisor II



Hareem Salman
Academic Advisor II



Alyssa Costello
Academic Advisor I

Thanks & Gig 'em!

Contact Us



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