



School of Pharmacy
Hospital Introductory Pharmacy Practice Experience (IPPE)
 Semester: P3 Summer/Wintermester
 Course # PHAR 6281 (2 credit hours) / Track: Experiential Education
 Course Dates: Summer 2022 and Wintermester 2023

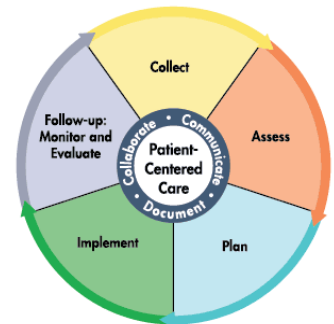
<p>Course Coordinator Cristina Ortega, PharmD Office Phone: (915) 747-8183 Email: caortega2@utep.edu Office hours: by appointment</p>
<p>Preceptor and Site Information Found in CORE ELMS or provided by the preceptor (Preceptor and Site Information Form)</p>

Course Description

Through this supervised experience, the student will be able to apply concepts from didactic course work to introductory situations in hospital pharmacy practice settings such as medication order processing, unit dose dispensing, intravenous admixtures, purchasing and inventory control, acute care based clinical pharmacy services, and regulatory requirements of drug distribution, drug disposal, and controlled substances.

The Pharmacist’s Patient Care Process (PPCP)

Students will use the Pharmacist’s Patient Care Process throughout the IPPE to **collect, assess, plan, implement, and follow-up** with patients. **Collaboration and communication** will also be applied as students work with members of the pharmacy staff, other healthcare team members, and patients.



Source:
<http://www.aacp.org/news/academ>

Course Meetings & Location

IPPE Block	Begin Date	End Date
1	May 30, 2022	June 10, 2022
2	June 13, 2022	June 24, 2022
3	June 27, 2022	July 8, 2022
4	July 11, 2022	July 22, 2022
5	July 25, 2022	August 5, 2022
6	August 8, 2022	August 19, 2022
Wintermester	January 2, 2023	January 13, 2023

Site Specific Hours

The preceptor should expect a call from the student(s) 2 weeks before the first day of rotation to discuss where to park, where to meet the first day and any site or rotation specific information, if applicable.

Each experience is 2-weeks in duration with approximately 45 hours per week (maximum of 50 hours per week) for a minimum 90 hours per rotation. Some preceptors may require students to spend more than 45 hours per week at the site to complete the experience successfully. Preceptors may also require students to be present at the site in the evenings, nights, on weekends, and holidays. Course/rotation schedule will be determined and finalized by the preceptor. Student can expect projects outside of the normal rotation hours (e.g. readings, projects, etc.)

Exact hours may vary based on site; however, it is mandatory for students to be on site for a minimum of 90 hours over the course of the 2 week rotation. No more than 50 hours may be earned in a single week. IPPE hours may occur during evenings, weekends, and on holidays. Additionally, IPPEs may be scheduled at other times of the day.

Online Assessment Requirements

This course requires the use of CORE ELMS® and Blackboard. Students are responsible for ensuring they have access to CORE ELMS® and the appropriate Blackboard course before the beginning of the IPPE. If you have issues with CORE ELMS®, please contact the course coordinator to resolve the issue. If you are having technical issues with Blackboard, please contact Adrian Enriquez (aealonso@utep.edu). Assessments (e.g., assignments, quizzes, and exams) may be disseminated before the due date. This requires students to download the assessment using an internet connection. It is the student's responsibility to maintain access to a reliable internet connection (with the rare exception of when UTEP's systems are down).

Course Learning Objectives

At the conclusion of this course, as it applies to hospital based practice, students shall be expected to:

EPA 1: Collect information to identify a patient's medication-related problems and health-related needs

EPA 2: Analyze information to determine the effects of medication therapy, identify medication-related problems, and prioritize health-related needs.

EPA 3: Establish patient-centered goals and create a care plan for a patient in collaboration with the patient, caregiver(s) and other health professionals that is evidence-based and cost-effective.

EPA5: Follow-up and monitor a care plan

EPA 7: Collaborate as a member of an interprofessional team

EPA 13: Use evidence-based information to advance patient care.

EPA 14: Oversee the pharmacy operations for an assigned work shift

EPA 15: Fulfill a medication order

Professionalism:

EPA 16: Display characteristics of professionalism and engages in continuous professional development.

EPA	CAPE Outcomes	PCOA	CAPE Level of Assessment	EPA Minimum Level of Expectancy*
EPA 1: Collect information to identify a patient's medication-related problem and health-related needs.	2.1, 2.2, 2.3, 3.1, 3.5, 3.6	3.8, 4.6	Apply	2
EPA 2: Analyze information to determine the effects of medication therapy, identify medication-related problems, and prioritize health-related needs	1.1, 2.1, 3.1, 3.6	4.1, 4.6, 4.7, 4.3**, 4.4**	Apply	2
EPA 3: Establish patient-centered goals and create a care plan for a patient in collaboration with the patient, caregiver(s) and other health professionals that is evidence-based and cost-effective.	1.1, 2.1, 2.2, 3.3, 3.5, 3.6	3.8, 4.1, 4.2, 4.3**, 4.4**, 4.5, 4.6, 4.7	Apply	2
EPA 5: Follow-up and monitor a care plan	2.1, 2.2, 3.1, 3.4, 3.6	4.7	Apply	2
EPA 7: Collaborate as a member of an interprofessional team.	1.1, 3.1, 3.3, 3.4, 3.6, 4.1, 4.2, 4.3, 4.4	3.7, 3.8, 4.7	Apply	2
EPA 13: Use evidence-based information to advance patient care.	1.1, 2.1, 3.5, 3.6, 4.3	4.1, 4.7	Apply	2
EPA 14: Oversee the pharmacy operations for an assigned work shift.	2.2, 3.1, 3.6, 4.1, 4.2, 4.3, 4.4	3.4, 3.5 (APPE only)	Apply	2
EPA 15: Fulfill a medication order.	2.2, 3.1, 3.6	3.5, 3.8, 3.10, 2.7**	Apply	2
EPA 16: Display characteristics of professionalism and engages in continuous professional development.	4.1, 4.4	N/A	Apply	Yes

Adapted from Appendix 1. Mapping of the Core EPAs for New Pharmacy Graduates to the CAPE 2013 Educational Outcomes and the Pharmacists Patient Care Process

1<https://www.aacp.org/sites/default/files/2017-12/CAPE-EPA-PPCP-mapping.pdf>

Levels of Expectancy*:

	4 = Student is at APPLY level	3 = Student is at APPE READY level	2 = Student is at REINFORCE Level	1 = Student is at INTRODUCTORY level	N/A Does not apply
Knowledge/Skills/Attitudes	Student has excelled in performing competency-in knowledge Student has met expectations and requires minimal to no intervention from preceptor	Student performed the competency in knowledge at an acceptable level Student has met expectations but requires occasional intervention from preceptor	Student knows how to achieve competency in knowledge, but has not demonstrated it at an acceptable level Student requires significant intervention from preceptor	Student knows how to achieve competency in knowledge, but rarely demonstrates it Student requires significant intervention from preceptor, and preceptor must often complete for student	Does not apply

*Adapted from the TCEP approved rubric

Students achieving Levels of Expectancy of 1 are not making satisfactory progress and need to improve in these areas to level 2. Students at a Level of Expectancy of 2 are at satisfactory progress and are passing the objectives. Students achieving level 3 or 4 are exceeding expectations and are also passing the objective.

In order to pass this rotation, students must achieve a passing grade (meet the minimum Level of Expectancy for the respective EPA) on **6/8** of the required EPAs list for the **Hospital IPPE, in addition to a “Yes” evaluation on EPA 16 (Professionalism).**

Activities and Tasks for required EPAs

EPA	Activities/Tasks
EPA 1: Collect information to identify a patients medication-related problem and health-related needs.	<ul style="list-style-type: none"> • Complete a SOAP note • Collect or clarify a medication history
EPA 2: Analyze information to determine the effects of medication therapy, identify medication-related problems, and prioritize health-related needs	<ul style="list-style-type: none"> • Interpret the patient’s vital signs • Interpret laboratory test results • Identify drug interactions
EPA 3: Establish patient-centered goals and create a care plan for a patient in collaboration with the patient, caregiver(s) and other health professionals that is evidence-based and cost-effective.	<ul style="list-style-type: none"> • Manage drug interactions • Select monitoring parameters to determine the therapeutic and adverse effects relates to the treatment plan • Determine the appropriate time intervals
EPA 5: Follow-up and monitor a care plan	<ul style="list-style-type: none"> • Collect monitoring data at the appropriate time
EPA 7: Collaborate as a member of an interprofessional team.	<ul style="list-style-type: none"> • Contribute medication-related expertise to the team’s work • Explain to a patient, caregiver, or professional colleague each team member’s roles and responsibilities • Communicate a patient’s medication-related problem(s) to another health professional • Use setting appropriate communication skills when interacting with others
EPA 13: Use evidence-based information to advance patient care.	<ul style="list-style-type: none"> • Retrieve and analyze scientific literature to make a patient-specific recommendation • Retrieve and analyze scientific literature to answer a drug information question
EPA 14: Oversee the pharmacy operations for an assigned work shift.	<ul style="list-style-type: none"> • Discuss/Implement pharmacy polices and procedures • Supervise and coordinate the activities of pharmacy technicians and other support staff under the direct supervision of a pharmacists • Identify pharmacy service challenges/problems and/or medication safety issues; and identify solutions to improve services and patient care • Maintain the pharmacy inventory and understand the medication return process to eliminate shrink
EPA 15: Fulfill a medication order.	<ul style="list-style-type: none"> • Prepare commonly prescribed medications that require basic non-sterile compounding prior to patient use • Determine if a medication is contraindicated for a patient • Identify and manage drug interactions • Ensure that formulary preferred medications are used when clinically appropriate
EPA 16: Display characteristics of professionalism and engages in continuous professional development.	<ul style="list-style-type: none"> • The student displayed accountability, honesty, respect, good communication skills, pride in the profession and commitment to self improvement throughout the rotation and within preceptors communicated expectations.

Conduct and Attendance Expectations of Students in the course

It is mandatory that students demonstrate their commitment to the profession and respect for faculty, preceptors, and colleagues by attending the experience, arriving on time, and being prepared for the day's activities. Course schedule will be determined and finalized by the preceptor. Attendance will be monitored and assessed under professionalism. Due to the short nature of the experience, any unexcused absences will result in the failure of the IPPE course and the student will be forwarded to the progression committee. For excused absences, the student will need to work with their preceptor to reschedule the missed time and notify the clinical coordinator. If the missed time cannot be rescheduled, it will result in an Incomplete for the course. Please refer to the Student and Office of Experiential Handbooks for more information.

Conduct

1. Students are expected to abide by all site-specific requirements, state and federal laws and School of Pharmacy regulations during the rotation.
2. Students must wear required name badge(s) at all times that distinguishes them as a Pharmacist Intern.
3. Students must carry at all times a pharmacist-intern card and have a copy uploaded into CORE ELMS®.
4. Students must maintain the professional^a and ethical^b standards. Failure of professional and ethical standards may result in rotation failure or referral to OEE, Progression Committee, and/or UTEP Office of Student Conflict and Conflict Resolution (OSCCR).

a. Refer to Professional Expectations Contract in the OEE Handbook

b. Professional Technical Standards in the UTEP SOP Student Handbook

Attendance

1. Any rotation absence by a student of less than one day should be managed by the student and the preceptor. The preceptor is responsible for a specific plan for the make-up of the missed hours.
2. Students should try to provide no less than 24-hour notice to preceptors of schedule disruptions.
3. Any absence of one day or more, the student will be required to complete the Student Absence Form as outlined in the Student Handbook Attendance Policy for any absence. It is the responsibility of the course coordinator, working with the preceptor, to determine if the student can successfully complete the rotation. A plan for the make-up of the missed days will be completed if it is possible to make up the missed days.
4. Extended absences may result in failure of the rotation and/or delay in completion of the rotation and/or graduation.

Procedure for resolving rotation concerns

1. The student should try to resolve the issue/concern directly with the primary preceptor.
2. If the issues/concern is not resolved, the student should contact the Course Coordinator.
3. If the issue/concern is not resolved, the student should contact the Assistant Dean of the Office of Experiential Education (OEE).
4. If the issue/concern is not resolved, the student may contact the Associate Dean for Academic Affairs.
5. If the issue/concern is not resolved, the student may contact the Dean of the School of Pharmacy.

Questions related to the IPPE course in general should be directed to the Course Coordinator, whereas contact/topic-specific questions should be directed to the preceptor. If there is any question of who to contact, please contact the preceptor first. For issues related to the preceptor, contact the Course Coordinator.

Methods of Instruction/Learning

The learning outcomes in this course *may* be achieved via:

1. **Outside Preparation** – outside topic review from class lecture, tertiary and primary literature material and readings to support patient clinical work ups
2. **Preceptor and learner-lead (micro) discussions** – review and reinforce topics and discuss progress/improvement of rotation
3. **Case Discussions and presentation/SOAP Notes/Clinical Notes/Drug Information/Documentation** – evaluate and assess for course outcomes assessment of patient cases, make therapeutic recommendations and document patient interactions.
4. **Field Encounters**
5. **Exams/Quizzes** – allows students to demonstrate knowledge recall
6. **Interprofessional team-based patient-care** - students to provide patient-centered care as a member of a team.
7. **Patient Interview**- provides practice in interview skills and practice integrating clinical information
8. **Apply Hospital Based Practice Skills**
 - Medication order processing
 - Final product verification – patient specific (Unit dose, intravenous admixtures) and floor stock/automated dispensing cabinet stock
 - Addressing Purchasing, inventory, formulary, and drug-shortage management
 - Acute care based clinical pharmacy services
 - Addressing Regulatory requirements
9. **Miscellaneous activities** – apply practice skills in real-world scenarios (Templates of rubrics available as supplemental documents).
10. **Case reports and presentations**
 - Research project
 - Drug monograph
 - Formal consults
 - In-service/presentation
 - Drug Use Evaluation
 - Other activities as assigned by the preceptor

* Refer to preceptor-specific course calendar or requirements. Not all learning methods are required and should be discussed with the preceptor at the beginning of the rotation.

Evaluation and Grading Policy

Students are expected to participate in all activities in the rotation as assigned. The Hospital IPPE is graded on a pass or fail scale. There will be one formal summative assessment during the IPPE – a final evaluation. A midpoint evaluation is optional if any problems are identified that may interfere with the student’s ability to pass the rotation.

All assessments will be administered via CORE ELMS®, unless noted otherwise. Grades will be assessed by direct observation of Entrustable Professional Activities (EPAs) and required assignments. The preceptor will also provide feedback on student performance on an ongoing informal basis.

Course/Rotation Requirements (All items completed in CORE ELMS® unless otherwise noted)	Final Outcome^a
Receive a minimum level of expectancy (level 2) on 6 out of 8 EPAs ^b	Completed at passing level
Receive a passing final professional assessment (EPA 16) ^{b,c}	Completed at passing level
Upload and receive preceptor confirmation of minimum experiential rotation hours ^d	Completed
Complete the Hospital IPPE workbook and upload into the "Course Hospital IPPE workbook" field encounter ^e	Completed
Complete one (1) Hospital Dispensing methods Field Encounters ^f	Completed
Complete one (1) Interprofessional Team Member Shadowing Field Encounters ^f	Completed
Complete one (1) Inventory Management Principles Field Encounters ^f	Completed
Complete one (1) Drug Shortages Field Encounters ^f	Completed
Student completes the Course IPPE/APPE preceptor evaluation	Completed

- a. Failure to complete and turn in all assignments will result in a failure of the IPPE.
- b. Completed in CORE ELMS® by the preceptor
- c. A passing level on the professional assessment is a "yes" response to EPA 16 on the final evaluation
- d. Hours must be recorded on a daily or weekly basis (verify with your preceptor the preferred method). Students will be required to record time taken for lunch, which will not count for hours unless worked during that time.
- e. Confirmed in CORE ELMS® by the course coordinator
- f. Confirmed in CORE ELMS® by the preceptor

Requirement Due Dates

All requirements must be submitted through CORE ELMS® by the end of the last day of the rotation unless otherwise noted elsewhere or dictated by the preceptor. **Students are responsible to follow up with the preceptor on any pending items.** If the student has difficulty working with the preceptor, the student should reach out to the course coordinator. **If there are outstanding requirements, either on the student or preceptor's end, not completed one week after the end of the rotation will result in course/rotation failure.**

It is the responsibility of the **student** to monitor his/her progress during the course/rotation and across all required courses/rotations to ensure that all competency levels are met. Students should seek advice and assistance from the preceptor and/or OEE course coordinator as soon as he/she encounters any difficulty in the course/rotation. If student does not pass, they may be eligible for remediation.

Other Assignments

While each site/preceptor may have their own assignments (e.g, presentations, written assignments, patient counseling exercises) students are expected to complete the following minimum activities:

1. Complete the Hospital IPPE workbook
2. One (1) Hospital Dispensing methods field encounter
3. One (1) Interprofessional team member Shadowing field encounter
4. One (1) Inventory Management Principles field encounter
5. One (1) Drug Shortages field encounter

*For Preceptor specific assignments: the preceptor will provide any assessment criteria in advance.

Required Course Technology/Tools/Needs

Drug Information Resource:

- Students must have a drug information resource (e.g. Lexi-Comp®, Micromedex®, etc) of the student's choice and preceptor's preferred reference(s) with them at all times
- Access to drug resources through the UTEP library

Calculator:

- Students are expected to bring a scientific calculator

Writing Utensils:

- Students must have an indelible writing utensil with them at all times

Electronic Devices:

- Laptop, computer

Recommended Resources:

Primary literature, tertiary literature within hospital based practices as outlines by the preceptor

There may be other site-specific needs. The student should check with the assigned site to verify any other needs.

Missed Requirements for the IPPE

1. It is up to the preceptor to determine how to handle late assignments/missed deadlines within the rotation (e.g. failure on professionalism [EPA 16]).
 2. ***All course requirements must be completed by the end of the course/rotation.*** Late assignments will result in an Incomplete for the course. After one (1) week if there is still outstanding course work, the Incomplete will convert to a Fail.
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Remediation Policies

Student must participate in all assignments to be eligible for remediation. Other important factors are also considered. ***See Student Handbook for details.***

Technical Assistance

If you are off campus, you may need to set up a Virtual Private Network (VPN) in your computer to access UTEP resources for this experience (i.e. Library). The link below provides information for you to set up a VPN connection depending on your operating system. You can contact the Help Desk for assistance (See Technical Assistance information).

<https://www.utep.edu/technologysupport/>

If you are experiencing technical problems with the course, please contact the UTEP Helpdesk during: M - F: 8AM – 5PM. Calling within UTEP: 915.747.4357. Calling outside UTEP: 915.747.5257. For more information, please visit <https://www.utep.edu/technologysupport/>

You can also visit an on-campus lab such as the ATLAS lab located within the Undergraduate Learning Center (UGLC building) for additional technical assistance. So that UTEP can continue to provide a stable learning environment, 12:00-6:00am Mountain time on Thursdays is reserved for minor preventive maintenance. This maintenance window is scheduled during the lowest usage time for the system. Blackboard may or may not be available during this time, depending on whether maintenance is necessary. Whenever possible, this time will be utilized to perform all minor maintenance. Unscheduled outages occur rarely, but they do happen. In the event of an unscheduled outage, Course Development and Technology Support will confer with Student and Faculty Services to provide appropriate notifications to those affected including faculty, staff and students.

Cell Phone Policy

All cell phones must be turned on to silent while at the education site unless otherwise instructed by the preceptor. If a student forgets to turn the ringer off, he/she may be subject to disciplinary action. Any unauthorized use of electronic devices (e.g. social media, sports, excessive texting) while engaged in rotational activities will be automatically removed from the site for the day and the Director of OEE will be notified. This will result in an unexcused absence and professional misconduct. Refer to unexcused absence language.

Food/Beverage Policy

Students must not eat or drink in the pharmacy area unless allowed to do so by the site preceptor.

Dress Policy

Students are expected to dress professionally *at all times* (e.g. tie [male], no excessive jewelry, closed toed shoes, skirts/dresses below the knee, no excessive perfume or cologne, well-groomed). Additionally, some sites may have specific dress requirements the student must follow (e.g. scrubs). It is the student's responsibility to make contact with the preceptor in advance to verify any site-specific requirements. Pharmacy intern name badge must be *worn at all times* during IPPE/APPE rotations.

Credentials: Students are expected to *carry* with them *at all times* their Texas State Board of Pharmacy (TSBP) Intern Card. Students must have readily available electronically on CORE ELMS® the following: Unexpired BLS CPR Card, HIPAA Training Certificate, Bloodborne Pathogen, etc. Refer to OEE Handbook for a complete list. Failure to exhibit credentials will result in the student being asked to leave the site. Return to site is determined by the preceptor and the Experiential Programs Director.

UTEP and SOP Policy for Academic Integrity

The University of Texas at El Paso prides itself on its standards of academic excellence. In all matters of intellectual pursuit, UTEP faculty and students must strive to achieve excellence based on the quality of work produced by the individual. In the classroom and in all other academic activities, students are expected to uphold the highest standards of academic integrity. Any form of scholastic dishonesty is an affront to the pursuit of knowledge and jeopardizes the quality of the degree awarded to all graduates of UTEP. It is imperative, therefore, that the members of this academic community understand the regulations pertaining to academic integrity and that all faculty members insist on adherence to these standards.

Any student who commits an act of scholastic dishonesty is subject to discipline. Scholastic dishonesty includes is not limited to cheating; plagiarism; collusion; the submission for credit of any work or materials that are attributable in whole or in part to another person; taking an examination for another person; and any act designed to give unfair advantage to a student or the attempt to commit such acts. Proven violations of the detailed regulations, as printed in the Handbook of Operating Procedures (HOP) and available in the UTEP Office of Student Life and the homepage of the Office of Student Life, can result in sanctions ranging from disciplinary probation, to failing a grade on the work in question, to a failing grade in the course, to suspension or dismissal, among others. (See "Dismissal for Reasons of Misconduct").

Professionalism and Professional Conduct

Students must present themselves in a professional and courteous manner. This behavior includes, but is not limited to, not engaging in disruptive behavior, being appropriately dressed, and using professional language and behavior. The student must uphold the UTEP policies and procedures that are outlined in the UTEP HOP, including, but not limited to: academic misconduct, substance abuse, and sexual misconduct. Additionally, the student must meet the requirements of the Professional Expectations and contract, as laid out in the OEE handbook.

Professionalism will be assessed during rotations. If professionalism issues occur during Experiential Education, the Preceptor Faculty (PF) will discuss the issue(s) with the student first. If the PF is unable to successfully mediate the situation, the PF will document the issue and the mediation attempt. This information is then directed to the Director of

Experiential Education who will work with Associate Dean of Academic Affairs. If the issue can still not be mediated, the issue is presented to the Progression Subcommittee for final review, decision, and plan.

UTEP and SOP Policy for Special Accommodations (ADA)

"If you have or suspect a disability and need classroom accommodations, you should contact the Center for Accommodations and Support Services (CASS) at 747-5148." You can also e-mail the office at cass@utep.edu or go by their office in Union Building East (Room 106). For additional information, visit the CASS website at <http://sa.utep.edu/cass/>

General Statement About Course Policy

The syllabus is subject to change to meet course needs, especially if there are unexpected disruptions or changes in class size, resources, etc. The most updated syllabus can be found on CORE ELMS®. It is your responsibility to review the syllabus periodically for updates.

Additional Information

Campus Concealed Carry:

Effective August 1, 2016.

<http://www.utep.edu/campuscarry/>

Civility Statement:

You are expected to follow basic standards of courtesy (and may be dismissed from rotation for blatant or sustained disruptive behavior)

Student Support:

UTEP provides a variety of resources for those in need (e.g., if you feel overwhelmed, stressed or dealing with a crisis):

- UTEP's Counseling Center (free counseling to all students): 915-747-5302, which after-hours goes to a crisis line
- Mental Health Crisis Line: 915-779-1800
- National Suicide Prevention Hotline: 1-800-273-8255
- Veterans Crisis Line: 1-800-273-8255
- NAMI (National Alliance Against Mental Illness) of El Paso: 915-534-5478
- <http://caringeducators.tumblr.com/survival>

Title IX:

The UTEP School of Pharmacy - Office of Experiential Education is committed to promoting an equal opportunity non-discriminatory learning and working environment as outlined by the UTEP official Handbook of Operating Procedures. The online UTEP Policies Library offers a wealth of information including policy descriptions, training, and on-and-off campus resources. School of Pharmacy Preceptors and Faculty are encouraged to review and take advantage of these resources when ever needed."

- UTEP Handbook of Operating Procedures- <https://www.utep.edu/hoop/>
- Section 6: Equal Opportunity Policy- <https://www.utep.edu/hoop/section-6/index.html>

UTEP On-and-Off Campus Resources- <https://www.utep.edu/titleix/On-and-Off-Campus-Resources.html>