



## TD 324P - Advanced Production Laboratory: Integrated Media

*Working in theatres to build advanced video playback systems!*

Spring 2019

Unique # 25630

Mondays, Wednesdays, Fridays 9am-Noon WIN B.220H [IM HUB]

Instructor:

Earnest Mazique [he/him/his]

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Office Hours: By appointment

Earnest is the IM Shop Supervisor and the Technical Coordinator for the Payne Theatre. When he isn't building video systems, he is allocating and maintaining video and computer equipment for productions and the PLAI Lab.

Teaching Assistants: Kaiwen Fa, Alex Gendal, Logan Smith, Mingxiang Ya

### Course Description:

This course builds student confidence in working in and around a theater as a member of a team to collaborate, problem solve, and complete tasks to meet deadlines. The class will work together to build, test, install, trouble shoot, and strike integrated media systems for departmental productions in Theatre and Dance. Students will learn how to identify different system components including: data cables, projectors, and video servers and how they are used. Time will also be spent learning how to use different playback software as well as looking at examples of how the software can be used to program visual effects.

### Required Supplies:

You must wear closed-toe shoes that also cover the top of your foot and your heel every day to class. This is for your safety. You should also wear comfortable clothes that you can move in, climb ladders, and get dirty. Cell phones are great tools when used appropriately. If the instructor deems a cellphone a distraction, you will be asked to turn it off or put it in your bag.

### Grading:

You are evaluated on two domains: Punctuality and Participation. Each day the class meets you will receive 1 point for being on time and 2 points for actively participating. If you have an unexcused absence you will not receive points for that day. If you are absent 2 days your grade will drop 5%. Please come to class on time, every day, and ready to participate.

Plus/minus grading will be used:

A	92.5 - 100	C	72.5 - 76.49
A-	89.5 - 92.49	C-	69.5 - 72.49
B+	86.5 - 89.49	D+	66.5 - 69.49
B	82.5 - 86.49	D	62.5 - 66.49
B-	79.5 - 82.49	D-	59.5 - 62.49
C+	76.5 - 79.49	F	0 - 59.49

There is no final exam for these courses.

**Class Calendar:**

The Instructor reserves the right to adjust the calendar to fit the needs of the class.

Wed Jan 23	Introductions, Syllabus, Tours, Fall Protection Training
Fri Jan 25	Fall Protection Hands-On Training, Working in the catwalks,
Mon Jan 28	IM Hang: Women of _____, IM Hang: AET Spring Event 1
Wed Jan 30	IM Focus: Women of _____, Types of cables, Cable Wrapping
Fri Feb 1	Projectors, Networks, Fly Rail operation
Mon Feb 4	Women of _____ system review, Introduction to Dataton Watchout Software,
Wed Feb 6	Women of _____ notes, DRT System Review, Projector hours survey
Fri Feb 8	Women of _____ notes, The Middle System Review, Flora Circ. System Review
Mon Feb 11	Women of _____ notes, 30 Floods System Review
Wed Feb 13	Women of _____ notes, IM Hang: DRT
Fri Wed 15	Women of _____ notes, Introduction to QLab IM Hang: UTNT (WIN 1.134)
Mon Feb 18	IM Strike: Women of _____, Introduction to After Effects, IM Hang: DRT
Wed Feb 20	IM Hang: UTNT (OBT), IM Focus: DRT
Fri Feb 22	IM Focus: DRT, IM Focus: UTNT
Mon Feb 25	IM Focus: UTNT (OBT)
Wed Feb 27	IM Focus: UTNT (OBT), DRT notes
Fri Mar 1	DRT notes, Network Design, IM Focus: UTNT (WIN 1.134) IM Hang: UTNT (WIN 2.180)
Mon Mar 4	DRT Notes, UTNT notes, System Design, Strike: Opera 2 (MCT)
Wed Mar 6	DRT Notes, UTNT notes, RJ45 connectors and crimping, Strike: Opera 2 (MCT)
Fri Mar 8	DRT Notes, UTNT notes, Cable Management, IM Focus: UTNT (WIN 2.180)
Mon Mar 11	DRT Notes, UTNT notes, Knots, Cable testing
Wed Mar 13	DRT Notes, UTNT notes, AfterEffects Tutorial
Fri Mar 15	DRT Notes, UTNT notes, Onegin System Review
Mon Mar 18	Spring Break! NO CLASS
Wed Mat 20	Spring Break! NO CLASS
Fri Mar 22	Spring Break! NO CLASS
Mon Mar 25	IM Strike: DRT, UTNT notes,

*Calendar continued on next page...*

*Class Calendar continued:*

Wed Mar 27	UTNT notes, IM Hang: NWF
Fri Mar 29	UTNT Notes, IM Focus: NWF (BIP)
Mon Apr 1	IM Strike: UTNT (OBT), IM Hang: Onegin (MCT), IM Hang: NWF (OBT)
Wed Apr 3	IM Hang: Onegin (MCT), IM Strike: UTNT (OBT)
Fri Apr 5	Lighting instruments, DMX control
Mon Apr 8	Lighting for video, Video editing
Wed Apr 10	IM Hub Cleanup, IM Focus: Onegin (MCT)
Fri Apr 12	IM Focus: Onegin (MCT),
Mon Apr 15	CAT Termination review, knots review
Wed Apr 17	Onegin notes, Speakers, Live Audio Mixing
Fri Apr 19	Onegin notes, Video transmitters, Video distribution
Mon Apr 22	Onegin notes, IM Hang: AET Spring Event 2
Wed Apr 24	Onegin notes, IM Focus: AET Spring Event 2
Fri Apr 26	Onegin notes, Analog v. Digital, Sample Rate & Data size
Mon Apr 29	Onegin notes,
Wed May 1	Onegin notes, Peppers Ghost Day!
Fri May 3	Design Experience Review

## Production Attendance Policy:

It is the policy of the Department of Theatre and Dance that our majors attend department season productions and that this attendance is a part of the coursework for our majors' classes. For the fall semester, you are required to attend the following performances:

- The Women of \_\_\_\_\_ (a song not song) Feb. 13-17, 2019 at the Oscar G. Brockett Theatre
- Fortitude, Mar. 5-15, 2019 at the B. Iden Payne Theatre
- one of the plays presented in UT New Theatre at the Oscar G. Brockett Theatre.

Information on how majors may obtain discounted admission is available on the Department of Theatre and Dance wiki under the "[Student Resources](#)" tab.



## **Additional Course Policies**

### **Food and Drinks:**

No food or drink (except sealed water bottles) shall be consumed in the theaters, backstage, or the IM HUB. Keep in mind that the equipment used in this course will last longer and perform better when food and drink is kept out of the electronics.

### **University of Texas Honor Code:**

The core values of The University of Texas at Austin are learning, discovery, freedom, leadership, individual opportunity, and responsibility. Each member of the university is expected to uphold these values through integrity, honesty, trust, fairness, and respect toward peers and community.

### **Use of E-mail for Official Correspondence to Students:**

All students should become familiar with the University's official e-mail student notification policy. It is the student's responsibility to keep the University informed as to changes in his or her e-mail address. Students are expected to check e-mail on a frequent and regular basis in order to stay current with University-related communications, recognizing that certain communications may be time-critical. It is recommended that e-mail be checked daily, but at a minimum, twice per week. The complete text of this policy and instructions for updating your e-mail address are available at <http://www.utexas.edu/its/policies/emailnotify.html>.

### **Documented Disability Statement:**

Any student with a documented disability who requires academic accommodations should contact Services for Students with Disabilities (SSD) at (512) 471-6259 (voice) or 1-866-329-3986 (video phone). Faculty are not required to provide accommodations without an official accommodation letter from SSD.

- Please notify me as quickly as possible if the material being presented in class is not accessible
- (e.g., instructional videos need captioning, course packets are not readable for proper alternative text conversion, etc.).
- Please notify me as early in the semester as possible if disability-related accommodations for field trips are required. Advanced notice will permit the arrangement of accommodations on the given day (e.g., transportation, site accessibility, etc.).
- Contact Services for Students with Disabilities at 471-6259 (voice) or 1-866-329-3986 (video phone) or reference SSD's website for more disability-related information:  
[http://www.utexas.edu/diversity/ddce/ssd/for\\_cstudents.php](http://www.utexas.edu/diversity/ddce/ssd/for_cstudents.php)



**Behavior Concerns Advice Line (BCAL):**

If you are worried about someone who is acting differently, you may use the Behavior Concerns Advice Line to discuss by phone your concerns about another individual's behavior. This service is provided through a partnership among the Office of the Dean of Students, the Counseling and Mental Health Center (CMHC), the Employee Assistance Program (EAP), and The University of Texas Police Department (UTPD). Call 512-232-5050 or visit <http://www.utexas.edu/safety/bcal>.

**Q drop Policy:**

The State of Texas has enacted a law that limits the number of course drops for academic reasons to six (6). As stated in Senate Bill 1231:

"Beginning with the fall 2007 academic term, an institution of higher education may not permit an undergraduate student a total of more than six dropped courses, including any course a transfer student has dropped at another institution of higher education, unless the student shows good cause for dropping more than that number."

**Religious Holidays:**

By UT Austin policy, you must notify instructors of your pending absence at least fourteen days prior to the date of observance of a religious holy day. If you must miss a class, an examination, a work assignment, or a project in order to observe a religious holy day, you will be given an opportunity to complete the missed work within a reasonable time after the absence.

**Changes:**

This syllabus is subject to change upon the discretion of the instructors.