

Academics

[Overview](#)

[Calendar](#)

[Regulations](#)

[Services](#)

[Programs](#)

[Minors](#)

[Courses](#)

[Faculty](#)

Course Index

[A](#)

[B](#)

[C](#)

[D](#)

[E](#)

[F](#)

[G](#)

[H](#)

[I](#)

[J](#)

[K](#)

[L](#)

[M](#)

[N](#)

[O](#)

[P](#)

[R](#)

[S](#)

[T](#)

[U](#)

[V](#)

[W](#)

SCHOOL OF ENGINEERING **TELECOMMUNICATIONS**

- [TC 201: Introduction to Telecommunications](#)
- [TC 210: Voice Telecommunications](#)
- [TC 220: Wireless Communications](#)
- [TC 330: Internship in Telecommunications](#)
- [TC 403: Telecommunications Networks](#)
- [TC 405: Telecommunications Management](#)
- [TC 409: Current Issues in Telecommunications](#)
- [TC 431: Satellite Telecommunications](#)
- [TC 433: Optical Fiber Telecommunications](#)
- [TC 491: Special Topics in Telecommunications](#)
- [TC 501: Foundations of Communications](#)
- [TC 529: Televisions Systems I](#)
- [TC 531: Advanced Satellite Communications](#)



- [TC 533: Advanced Optical Communications Systems](#)
- [TC 585: Multimedia Technologies I](#)

COLLEGE OF LIBERAL ARTS

MODERN LANGUAGES

- [TESL 380: Introduction to TESL](#)
- [TESL 395: Second Language Acquisition](#)
- [TESL 500: Language Use in American Universities](#)
- [TESL 515: Approaches to Discourse](#)
- [TESL 520: Semantics](#)
- [TESL 525: Pidgins and Creoles](#)
- [TESL 530: Pragmatics](#)
- [TESL 531: Assessment in Second Lang Acquisition](#)
- [TESL 535: Bilingualism, Education and Identity](#)
- [TESL 536: Dialects of American English](#)
- [TESL 537: Language Variation](#)
- [TESL 538: Language, Gender, and Sexuality](#)
- [TESL 542: Teaching English as a Second Language](#)
- [TESL 545: Indigenous Languages and Pedagogies](#)
- [TESL 547: Cult. Dimen. of Second Lang Acquisition](#)
- [TESL 548: Forensic Linguistics](#)
- [TESL 550: Language Politics and Social Policy](#)
- [TESL 552: Intercultural Communication](#)
- [TESL 592: Modern English Grammar](#)
- [TESL 600: Fundamentals of Linguistics for TESL](#)
- [TESL 612: Seminar in Phonology](#)
- [TESL 614: Seminar in Morphology](#)
- [TESL 615: Seminar in Morphology](#)
- [TESL 616: Seminar in Syntax](#)
- [TESL 620: Seminar in Sociolinguistics](#)
- [TESL 630: Language Program Administration](#)
- [TESL 645: Practicum in Teach Engl as a Second Lang](#)
- [TESL 646: Language Teacher Research](#)
- [TESL 660: Intro to Translation Theory and Practice](#)
- [TESL 672: Research & Practice in Clsrn Sec. Lang.](#)
- [TESL 673: Advanced Methods of Teaching Second Lang](#)
- [TESL 680: Critical Issues in Applied Linguistics](#)
- [TESL 689: Teaching Second Language Writing](#)
- [TESL 694: Research in Applied Linguistics](#)
- [TESL 695: Seminar in Second Language Acquisition](#)
- [TESL 697: Thesis](#)
- [TESL 698: TESL Internship I](#)
- [TESL 699: TESL Internship II](#)

THEATRE ARTS

- [Thea 110: Freshman Performance Studies I](#)
- [Thea 111: Freshman Performance Studies II](#)
- [Thea 114: Movement for the Actor I](#)
- [Thea 120: Introduction to Theatre](#)
- [Thea 121: Creative Thinking](#)
- [Thea 163: Intro to Musical Theatre Performance](#)
- [Thea 171: Rendering for the Theatre](#)
- [Thea 172: Three-Dimensional Design for the Theatre](#)
- [Thea 185: Stage Management Practicum I](#)
- [Thea 186: Stage Management Practicum II](#)
- [Thea 192: Production Studies I](#)
- [Thea 193: Film Practicum I](#)
- [Thea 201: Appreciation of the Theatre](#)
- [Thea 202: Introduction to Cinema](#)
- [Thea 203: Drama in Film](#)



- [Thea 204: Comedy in Film](#)
- [Thea 205: Introduction to Cinematography](#)
- [Thea 205: Cinema Survey I](#)
- [Thea 206: Cinema Survey II](#)
- [Thea 207: Intro to Acting for the Screen](#)
- [Thea 209: Theatre Topics on Location](#)
- [Thea 210: Sophomore Performance Studies I](#)
- [Thea 211: Sophomore Performance Studies II](#)
- [Thea 212: Voice for the Actor I](#)
- [Thea 215: Improvisation](#)
- [Thea 216: Voice-over Acting](#)
- [Thea 220: Bus & Empl Practices in Prof Theatre](#)
- [Thea 221: Auditioning for Film and Television](#)
- [Thea 226: Script Analysis](#)
- [Thea 230: Movement for the Actor I](#)
- [Thea 231: Movement for the Actor II](#)
- [Thea 240: Makeup](#)
- [Thea 242: Communication for Designers](#)
- [Thea 246: Costume Crafts](#)
- [Thea 250: Introduction to Cinema Production](#)
- [Thea 251: Directing for the Screen I](#)
- [Thea 252: Film Production II](#)
- [Thea 260: Fundamentals of Acting](#)
- [Thea 261: Introduction to Sound Design for Cinema](#)
- [Thea 264: Musical Theatre Voice Studies I](#)
- [Thea 265: Music Fundamentals for Musical Theatre](#)
- [Thea 268: Speech for the Stage](#)
- [Thea 269: Acting with Dialects](#)
- [Thea 270: Basic Lighting & Sound Technology](#)
- [Thea 271: Introduction to Stagecraft](#)
- [Thea 272: Introduction to Costumes for the Stage](#)
- [Thea 273: Costume Construction](#)
- [Thea 274: Theatre Design Graphics](#)
- [Thea 275: Introduction to Scene Painting](#)
- [Thea 276: Fund of Comp-Aided Design for Theatre](#)
- [Thea 277: Introduction to Patternmaking](#)
- [Thea 279: Costume Design for Film and Television I](#)
- [Thea 285: Stage Management Techniques I](#)
- [Thea 286: Stage Management Techniques II](#)
- [Thea 287: The Business of Theatrical Design](#)
- [Thea 291: Production Studies II](#)
- [Thea 292: Production Studies III](#)
- [Thea 293: Film Practicum II](#)
- [Thea 294: Film Practicum III](#)
- [Thea 295: Theatre Practicum I](#)
- [Thea 298: Special Topics](#)
- [Thea 301: Scene Studies I](#)
- [Thea 302: Scene Studies II](#)
- [Thea 304: Acting Shakespeare](#)
- [Thea 305: Introduction to Screenwriting](#)
- [Thea 307: Acting for the Screen I](#)
- [Thea 308: Acting for the Screen II](#)
- [Thea 310: Junior Performance Studies I](#)
- [Thea 311: Junior Performance Studies II](#)
- [Thea 312: Voice Studies I](#)
- [Thea 313: Voice Studies II](#)
- [Thea 314: Movement Studies I](#)
- [Thea 315: Movement Studies II](#)
- [Thea 316: Business of Acting and Auditioning](#)



- [Thea 317: Topics in Acting Styles](#)
- [Thea 320: History of Acting Theories & Techniques](#)
- [Thea 321: Theatre History I](#)
- [Thea 322: Theater History II](#)
- [Thea 323: Film and Aristotle](#)
- [Thea 324: Commedia dell'Arte](#)
- [Thea 325: Playwriting](#)
- [Thea 326: Dramatic Literature I](#)
- [Thea 327: Dramatic Literature II](#)
- [Thea 328: Diverse Voices in American Dramatic Lit](#)
- [Thea 329: Queer Playwriting and American Culture](#)
- [Thea 330: Stage Combat I](#)
- [Thea 331: Stage Combat II](#)
- [Thea 332: Period Movement and Manners](#)
- [Thea 333: Devised Theatre](#)
- [Thea 335: The Alexander Technique](#)
- [Thea 337: Mask and Experimental Theatre](#)
- [Thea 338: Technology Lab I](#)
- [Thea 339: Technology Lab II](#)
- [Thea 340: Color Theory for Designers](#)
- [Thea 341: Property Design and Construction](#)
- [Thea 342: Unarmed Stage Combat](#)
- [Thea 343: Single Sword Stage Combat](#)
- [Thea 344: Broadsword Stage Combat](#)
- [Thea 345: Rapier and Dagger Stage Combat](#)
- [Thea 346: Knife Stage Combat](#)
- [Thea 347: Quarterstaff Stage Combat](#)
- [Thea 348: Sword and Shield Stage Combat](#)
- [Thea 349: Smallsword Stage Combat](#)
- [Thea 350: Introduction to Editing](#)
- [Thea 351: Directing for the Screen II](#)
- [Thea 352: Producing for Film](#)
- [Thea 355: Advanced Film Production I](#)
- [Thea 356: Advanced Film Production II](#)
- [Thea 362: Intro to Lighting Design for Cinema](#)
- [Thea 364: Musical Theatre Voice Studies II](#)
- [Thea 368: Advanced Voice and Speech I](#)
- [Thea 369: Sound Design I](#)
- [Thea 370: Introduction to Scenic Design](#)
- [Thea 371: Period Patternmaking](#)
- [Thea 372: Introduction to Lighting Design](#)
- [Thea 373: Advanced Makeup Techniques for the Stage](#)
- [Thea 374: Intro to the History of Dress](#)
- [Thea 375: Introduction to Costume Design](#)
- [Thea 376: Basic Draping](#)
- [Thea 377: Intro to the History of Decor](#)
- [Thea 378: Fabric Dyeing and Modification](#)
- [Thea 379: Theatre Production Techniques III](#)
- [Thea 380: Collaboration Practicum](#)
- [Thea 381: Advanced Rendering for the Theatre](#)
- [Thea 385: Introduction to Theatre Management](#)
- [Thea 386: Stage Management Practicum III](#)
- [Thea 387: Stage Management Practicum IV](#)
- [Thea 389: Production Management I](#)
- [Thea 391: Production Studies IV](#)
- [Thea 392: Production Studies V](#)
- [Thea 393: Film Practicum IV](#)
- [Thea 394: Film Practicum V](#)
- [Thea 395: Theatre Practicum II](#)



- [Thea 397: Internship in Theatre & Film](#)
- [Thea 401: Directed Study in Community Engagement](#)
- [Thea 403: Directed Performance Studies](#)
- [Thea 405: Directed Design Studies](#)
- [Thea 406: Advanced Screenwriting](#)
- [Thea 410: Senior Performance Studies I](#)
- [Thea 411: Senior Performance Studies II](#)
- [Thea 412: Voice Studies III](#)
- [Thea 413: Voice Studies IV](#)
- [Thea 414: Movement Studies III](#)
- [Thea 415: Movement Studies IV](#)
- [Thea 418: Screen Acting Capstone I](#)
- [Thea 419: Screen Acting Capstone II](#)
- [Thea 420: Dramatic Theory and Criticism](#)
- [Thea 421: Musical Theatre History and Literature I](#)
- [Thea 422: Musical Theatre History & Literature II](#)
- [Thea 423: Arts Leadership in the Community](#)
- [Thea 424: Women and Avant-garde Performance](#)
- [Thea 431: Film Capstone I](#)
- [Thea 432: Film Capstone II](#)
- [Thea 440: Costume Design for Film and Television](#)
- [Thea 441: Costume Shop Management](#)
- [Thea 442: Millinery](#)
- [Thea 450: Advanced Editing](#)
- [Thea 451: Dance/Movement](#)
- [Thea 452: Dance/Movement](#)
- [Thea 453: Postproduction Specialties](#)
- [Thea 455: Cinematic Storytelling](#)
- [Thea 460: Advanced Cinematography](#)
- [Thea 461: Advanced Sound Design for Cinema](#)
- [Thea 463: Writing from Stage to Screen](#)
- [Thea 464: Musical Theatre Voice Studies III](#)
- [Thea 465: Musical Theatre Performance I](#)
- [Thea 466: Musical Theatre Performance II](#)
- [Thea 469: Sound Design II](#)
- [Thea 470: Scenic Design](#)
- [Thea 471: Lighting Design](#)
- [Thea 473: Basic Tailoring](#)
- [Thea 474: Costume Design](#)
- [Thea 475: CAD Pattern Drafting](#)
- [Thea 476: Introduction to Scene Painting](#)
- [Thea 478: Adv Computer-Aided Design for Theatre](#)
- [Thea 479: Costume Design for Film and Television](#)
- [Thea 481: Directing](#)
- [Thea 482: Directing Techniques](#)
- [Thea 484: Directing Practicum](#)
- [Thea 487: Stage Management Practicum V](#)
- [Thea 488: Stage Management Practicum VI](#)
- [Thea 489: Production Management II](#)
- [Thea 491: Production Studies VI](#)
- [Thea 492: Production Studies VII](#)
- [Thea 493: Film Practicum VI](#)
- [Thea 494: Film Practicum VII](#)
- [Thea 495: Theatre Practicum III](#)
- [Thea 498: Special Topics](#)
- [Thea 499: Senior Review](#)

GRADUATE SCHOOL

- [Thesis: UM Thesis](#)



SCHOOL OF PHARMACY

- [TOCP 591: Transitions of Care Patient Care APPE](#)

PHARMACY PRACTICE

- [Tran 591: Organ Transplant Advanced Pharmacy Pract](#)

COLLEGE OF LIBERAL ARTS

MUSIC

- [Trbn 100: Preparatory Trombone](#)
- [Trbn 121: Freshman Trombone I](#)
- [Trbn 122: Freshman Trombone II](#)
- [Trbn 221: Sophomore Trombone I](#)
- [Trbn 222: Sophomore Trombone II](#)
- [Trbn 241: Sophomore Trombone Performance I](#)
- [Trbn 242: Sophomore Trombone Performance II](#)
- [Trbn 321: Junior Trombone I](#)
- [Trbn 322: Junior Trombone II](#)
- [Trbn 341: Junior Trombone Performance I](#)
- [Trbn 342: Junior Trombone Performance II](#)
- [Trbn 421: Senior Trombone I](#)
- [Trbn 422: Senior Trombone II](#)
- [Trbn 441: Senior Trombone Performance I](#)
- [Trbn 442: Senior Trombone Performance II](#)
- [Trbn 521: Advanced Trombone I](#)
- [Trbn 522: Advanced Trombone II](#)
- [Trbn 541: Advanced Trombone Performance I](#)
- [Trbn 542: Advanced Trombone Performance II](#)
- [Trbn 621: Graduate Trombone I](#)
- [Trbn 622: Graduate Trombone II](#)
- [Trbn 641: Graduate Trombone Performance I](#)
- [Trbn 642: Graduate Trombone Performance II](#)
- [Trpt 100: Preparatory Trumpet](#)
- [Trpt 121: Freshman Trumpet I](#)
- [Trpt 122: Freshman Trumpet II](#)
- [Trpt 221: Sophomore Trumpet I](#)
- [Trpt 222: Sophomore Trumpet II](#)
- [Trpt 241: Sophomore Trumpet Performance I](#)
- [Trpt 242: Sophomore Trumpet Performance II](#)
- [Trpt 321: Junior Trumpet I](#)
- [Trpt 322: Junior Trumpet II](#)
- [Trpt 341: Junior Trumpet Performance I](#)
- [Trpt 342: Junior Trumpet Performance II](#)
- [Trpt 421: Senior Trumpet I](#)
- [Trpt 422: Senior Trumpet II](#)
- [Trpt 441: Senior Trumpet Performance I](#)
- [Trpt 442: Senior Trumpet Performance II](#)
- [Trpt 521: Advanced Trumpet I](#)
- [Trpt 522: Advanced Trumpet II](#)
- [Trpt 541: Advanced Trumpet Performance I](#)
- [Trpt 542: Advanced Trumpet Performance II](#)
- [Trpt 621: Graduate Trumpet I](#)
- [Trpt 622: Graduate Trumpet II](#)
- [Trpt 641: Graduate Trumpet Performance I](#)
- [Trpt 642: Graduate Trumpet Performance II](#)
- [Tuba 100: Preparatory Tuba](#)
- [Tuba 121: Freshman Tuba I](#)
- [Tuba 122: Freshman Tuba II](#)
- [Tuba 221: Sophomore Tuba I](#)
- [Tuba 222: Sophomore Tuba II](#)
- [Tuba 241: Sophomore Tuba Performance I](#)



- [Tuba 242: Sophomore Tuba Performance II](#)
- [Tuba 321: Junior Tuba I](#)
- [Tuba 322: Junior Tuba II](#)
- [Tuba 341: Junior Tuba Performance I](#)
- [Tuba 342: Junior Tuba Performance II](#)
- [Tuba 421: Senior Tuba I](#)
- [Tuba 422: Senior Tuba II](#)
- [Tuba 441: Senior Tuba Performance I](#)
- [Tuba 442: Senior Tuba Performance II](#)
- [Tuba 521: Advanced Tuba I](#)
- [Tuba 522: Advanced Tuba II](#)
- [Tuba 541: Advanced Tuba Performance I](#)
- [Tuba 542: Advanced Tuba Performance II](#)
- [Tuba 621: Graduate Tuba I](#)
- [Tuba 622: Graduate Tuba II](#)
- [Tuba 641: Graduate Tuba Performance I](#)
- [Tuba 642: Graduate Tuba Performance II](#)

