

Purdue University Theatre
Course Sequencing for
Sound in the Performing Arts

	Performance	Techniques	Technology	Aesthetics
Lower Level Undergraduate	<p>THTR 163 Introduction to Sound Design And Technology <i>Introduction to theatre sound design and technology for general theatre students. Involvement in Division of Theatre production program; In this course you will experience the general process of creating sound for a theatre production, including designing a simple production, loading in sound for a production, operating a sound board, and striking sound for the production; Offered every semester; Prerequisites: Theatre majors only; 2 Credits.</i></p>	<p>THTR 263 Introduction to Sound Studios <i>An introduction to theories and techniques of audio production, with special emphasis on theatre productions; In this course you will learn the basic techniques of audio production, and have opportunities to apply those techniques to short soundscapes, designs and recordings; Offered every semester; Prerequisites: none; open to Theatre, Telecommunications, Interdisciplinary Film studies, ECET, and Interdisciplinary Engineering Majors Only; 3 credits.</i></p>	<p>ECET 214 Electricity Fundamentals <i>An introduction to elemental electrical components and their characteristics, basic electrical circuit theory, and use of basic laboratory test equipment, electrical motors, and industrial motor controls (equivalent courses or experience may be substituted).</i></p>	
Upper Level Undergraduate	<p>THTR 368 Theatre Production II <i>The study and application of theatre practices. Students will be assigned to all levels of departmental production of applied practice; In this course you will serve as either playback or mix sound engineer in a theatre production; Prerequisites: Consent of instructor; 1-2 credits (1 credit for studio or dance production, 2 credits for mainstage productions); repeatable.</i></p>	<p>THTR 368 Dance Sound Design <i>In this course you will design or compose sound for a 5 - 10 minute modern dance in collaboration with choreographers from the Dance Division; Offered every semester; Prerequisite: Instructor approval; 1 credit</i></p>	<p>THTR 353 Theatre Audio Technology I <i>A theoretical and practical study of the technical aspects of audio as they relate to theatre. The course will include specifications, layout and installation techniques, operation, and maintenance of theatre sound systems, etc.; In this course you will study the foundation theory underlying the engineering of audio systems; Offered in Fall 2006 and alternate years; Prerequisites: ECET 214 or equivalent; 3 credits.</i></p>	<p>THTR 363 Sound Design <i>Project course in utilizing the principles of design as they can be formed into auditory response and environment. Emphasis on the interrelationship among all aspects of production and how sound becomes a building block toward total picturization. In this course you will study techniques used in Academy Award winning sound designs and compositions, and then apply those techniques to your own compositions; Offered in Fall 2005 and alternate years; Prerequisite: THTR 263 3 credits</i></p>
Graduate (May be open to outstanding undergraduates; see prerequisites)	<p>THTR 597 Production and Design Seminar <i>Training in theatrical design based upon a variety of theatrical presentation forms. The type of presentation alternates, and specific content varies each semester; in this course you will either design, compose, or assist in the creation of an original sound score for a theatre production; Offered every semester; Prerequisite: by invitation only; 3 credits; repeatable.</i></p>	<p>THTR 569: Special Problems in Audio Production <i>An advanced study and application course for students with strong basic audio production skills of sound studio production techniques for different audio related disciplines; each semester we investigate a different topic; recent topics have included MAX/MSP programming; advanced recording studio production techniques; audio for video post production; Offered every semester; Prerequisites: Admission by application only; portfolio review, at least one 300 level audio course, involvement in sound for theatre productions, consent of instructor; 3 credits; repeatable.</i></p>	<p>THTR 553 Theatre Audio Technology II <i>The study of the technical aspects of audio as they relate to use of, and experimentation with, various techniques in the design, installation, and specification of theatre sound systems, etc. In this course you will learn the basic signal chain involved in sound system design and apply that knowledge to a design and specification of a complete audio system; Offered in Spring 2007 and alternate years; Prerequisite: THTR 353; 3 credits.</i></p>	<p>THTR 563 Advanced Sound Design <i>Advanced study of the principles of sound design for theatre and theory application to specific problems. In this course you will create an original 20 minute radio drama to be aired in the long running WBAA program, "A Theatre in Your Head;" Offered in Spring 2006 and alternate years; Prerequisite: THTR 363 3 credits.</i></p>

NOTE: Mentoring is available for Theatre, Telecommunications, Interdisciplinary Film Studies, ECET, and Interdisciplinary Engineering majors who are interested in pursuing a career in an audio related discipline. Email Rick Thomas <zounds@purdue.edu> for more information.