

# ARS

## Art, Studio

### ARS 105: The Creative Process

An introduction to the creative process in art making and conceptual tools for understanding the visual arts from the perspective of the artist. Students learn about various methods, terms and approaches of the creative process through demonstrations, lectures and discussions on related themes. By placing art in context of today's issues, this course enables students to gain insight into the significance of creativity in its many physical and intellectual manifestations.

**DEC:** D  
**SBC:** ARTS  
3 credits

### ARS 154: Foundations: Drawing

Fundamentals of drawing with a focus on developing technical and perceptual skills in hand-eye coordination and the ability to draw from observation using a variety of media. Conceptual and expressive possibilities of drawing explored within a range of subject matter that includes still life, the figure, landscape, and the study of the drawings of major artists, past and present.

**DEC:** D  
**SBC:** ARTS  
3 credits

### ARS 205: Foundations: Idea and Form

An exploration of the basic building blocks of artistic practice and aesthetic analysis. Projects, readings, presentations, and discussions are used to examine the impact cultural, environmental and social context have on meaning and perception in art and visual culture. Projects are organized around themes such as line, plane, volume, color, composition, pattern, scale, narrative, performance, light and time. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

**DEC:** D  
**SBC:** ARTS  
3 credits

### ARS 225: Introduction to Digital Art

A hands-on introduction to the use of computers in the fine arts. Students explore image creation/manipulation, digital publishing and moving image through lecture, lab and discussion. Emphasis is on the expressive potential of the technology. No

prior computer experience is required. Study of the history and impact of digital media on the arts and contemporary culture contextualize practical assignments. This course serves as preparation for further study in electronic media. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

**Advisory Prerequisite:** ARS 205  
**DEC:** D  
**SBC:** ARTS, TECH  
3 credits

### ARS 255: Introductory Painting

Introductory painting in oils or acrylics. The various media, tools, and techniques of painting and of preparing surfaces for painting are explored. Continues the work of ARS 154 in the traditional areas of landscape, still life, and figure, as well as in perspective, foreshortening, proportion, anatomy, and color theory. One or two field trips to New York City museums and galleries may be required.

**Prerequisite:** ARS 154  
3 credits

### ARS 256: Introductory Sculpture

An introduction to sculpture. Students will learn basic skills and concepts relevant to 3-D creation, using a variety of materials and techniques. Specific sequentially organized projects in armature building, modeling, casting, and wood construction to develop technical skills, in conjunction with lectures, group critiques and discussions. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

**Prerequisite:** ARS 154 or ARS 205  
3 credits

### ARS 264: Introductory Ceramics

Investigation of ceramic ware and ceramic sculpture utilizing a wide variety of approaches in earthenware and stoneware clay bodies. The course offers a technical and conceptual foundation for clay construction, low- and high-fire glazing, and multiple finishing techniques using gas and electric firing processes. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

**Prerequisite:** ARS 154  
3 credits

### ARS 274: Introductory Printmaking

An introduction to printmaking. Demonstrations and lectures treat printmaking techniques and print shop procedures. Students are introduced to intaglio (etching, drypoint,

engraving), relief (wood block, line block) monoprinting, and if time permits, lithography. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

**Prerequisite:** ARS 154  
3 credits

### ARS 281: Introductory Photography

An introduction to the creative techniques and visual grammar of contemporary photographic image production. This course presents core camera operations, lens-based techniques, and software applications used in digital image processing and output. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information. Estimated cost of supplies is \$450, in addition to the course fee.

**DEC:** D  
**SBC:** ARTS, TECH  
3 credits

### ARS 299: Studio Management Workshop

Development of practical skills needed to manage and maintain a studio lab or shop in the art department. Students work under the supervision of a faculty member in an area of interest, such as photography, printmaking, electronic media, or sculpture. May be repeated twice.

**Prerequisite:** Permission of instructor  
1 credit, S/U grading

### ARS 308: Writing About Art

An advanced topics course with a focus on research, analytical skills and writing about art. Students analyze essays by different artists, scholars, and critics about a central topic before selecting and developing their own related topic to research. The final project is a research paper that begins with a thesis statement and outline, includes several drafts, oral presentations, peer review and a final product. This course is offered as both ARH 308 and ARS 308.

**Prerequisite:** ARH or ARS major/minor or permission of instructor  
**SBC:** WRITD  
3 credits

### ARS 324: Digital Arts: Design

An introduction to the practice and theory of digital imagery, art and design through lecture, labs, readings and production. Students use contemporary page layout and design techniques to create image centered works of art, including digital prints, and artist's book. Study of the history and impact of digital

print media on the arts and contemporary culture contextualize practical assignments. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Prerequisite: CDT 208 or ARS 225*

*3 credits*

### **ARS 325: Digital Arts: Print**

An exploration of the practical, aesthetic, social, political, and ethical issues at stake in digital imaging. Students use contemporary compositing techniques as well as 2 and 3D printing to create digital art, including digital prints, artist's books, and data visualization. Hybrid digital and analog image making techniques are also explored. An introduction to the practice and theory of constructed digital art and design through lecture, labs, readings and art production. Students use contemporary compositing, page layout and design techniques to create image centered works of art, including digital prints, artist's books, data based visualization, and installations. Hybrid combinations of digital and analog image making techniques are also explored. Study of the history and impact of digital print media on the arts and contemporary culture contextualize practical assignments. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Prerequisite: ARS 225 or ARS 281 or CDT 208*

**SBC:** HFA+

*3 credits*

### **ARS 326: Video Art: Narrative Forms**

An exploration of the practice, theory, and history of narrative video art and independent cinema through lecture, production and critique. Students script, plan, shoot and edit short narrative video works for screen and projection. Emphasis is on story development, technical proficiency, creative execution and critical thinking. Video production and editing is done digitally. Video production is supported by the study of historical and contemporary examples of narrative-based video art. This course is repeatable to a maximum of 6 credits. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Prerequisite: ARS 225 or ARS 281 or CDT 208*

**SBC:** HFA+

*3 credits*

### **ARS 327: Digital Arts: Web Design and Culture**

An exploration of the practice and history of art on the Internet through lecture, project production, discussion and critique. Students create content for the web and mobile platforms while examining historical, and theoretical issues related to art and design on the Internet. Images, text, sound, and code are used to create web-based artworks and informational sites in response to course content. Emphasis is on creative use of current web technologies and software, as well as an examination of the cultural implications of the web. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Prerequisite: CDT 208 or ARS 225*

**DEC:** H

**SBC:** STAS

*3 credits*

### **ARS 328: Digital Arts: Animation**

An investigation of the practice, theory, and history of animation within art and independent media through labs, lecture, readings, and project critiques. Animation production will cover computer-based stop-motion as well as some 2D and 3D computer animation. Emphasis is on creative content, experimentation and critical thinking. Students work with computer based 2D and 3D animation tools to create several short assignments and one significant project using one or more techniques.

*Prerequisite: CDT 208 or ARS 225*

**SBC:** HFA+

*3 credits*

### **ARS 329: Video Art: Experimental Forms**

An exploration of video as an experimental art form. Video can be displayed on screen, integrated into objects, installations and performances, or harnessed for its light and time bending capacities. Students explore the potential of moving images as fine art material through production, lecture, discussion and critique. Includes an overview of important experimental, contemporary and historic film, video and moving image projects. Readings, art viewing and critique support art production. Emphasis is on experimentation in the creation of time#based of artworks. This course may be repeated to a maximum of 6 credits. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Prerequisite: ARS 225 or ARS 281 or CDT 208*

**SBC:** HFA+

*3 credits*

### **ARS 350: Life Drawing and Painting**

Drawing and painting of the human figure. May be repeated once. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Prerequisite: ARS 255*

**SBC:** HFA+

*3 credits*

### **ARS 351: Painting II: Theory and Practice**

Painting and drawing studio; practice and theory stressing exploration of media and crafts, historical styles, and individual development.

*Prerequisite: ARS 154 and ARS 255*

**SBC:** HFA+

*3 credits*

### **ARS 352: Painting III: Theory and Practice**

A continuation of ARS 351, stressing the individual development of the student as a maturing artist through critiques of the student's work and discussion of contemporary and historical issues in art. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Prerequisite: ARS 351*

**SBC:** HFA+

*3 credits*

### **ARS 355: Anatomical/Bio Illustration**

This course will offer an introduction to human anatomy for the studio artist who is interested in biological illustration. It will provide an introduction to techniques of illustration utilizing as subject matter the live model, skeleton, prosection and cadaver dissection. Details of human anatomy will often be discussed by comparison of humans with other vertebrates. Lectures will precede each lab/studio class and involve topics such as size and shape, developmental changes in proportion, topographic and surface anatomy, bone-muscle relationships and human movement, comparative form of visceral organs, and the comparative anatomy of humans and higher primates. This course will be open to all students who have had introduction to life drawing (or its equivalent) and/or introduction to the biological sciences (or its equivalent). We expect that this offering will benefit artists who are interested in developing their representational drawing skills and enhancing their knowledge of anatomy and morphology, AND students in the life sciences who are interested in enhancing their drawing skills.

3 credits

### **ARS 359: Theory and Practice of Conceptual Drawing**

The further study of different processes and methods of generating drawings, encouraging individual expression. Slide presentations, assigned readings, and gallery visits are part of the student's experience. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Prerequisite:* ARH 206 and ARS 255

**SBC:** HFA+

3 credits

### **ARS 364: Advanced Theory and Practice of Ceramics**

An advanced course in ceramics stressing sophisticated sculptural forms and techniques in earthenware, stoneware, porcelain, and raku clay bodies. Class work is based on individual projects stressing expression of ideas and image making. Additional techniques of mold making, slip casting, and raku firing enlarge the repertoire of construction and surface finishes. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Prerequisite:* ARS 264

**SBC:** HFA+

3 credits

### **ARS 365: Theories and Practice of Sculpture: Welding, Construction, and Intermedia**

A range of techniques, materials and ways to approach sculpture will be explored. The class will consist of technical demonstrations in wood constructions, plasma cutting, welding, forming, forging in metal, and related concepts and techniques in intermedia. Through lectures, critiques and discussions, the course will also address the various stages of planning, from conceptualizing the idea, gathering materials, to physical and material considerations. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Prerequisite:* ARS 256

**SBC:** HFA+

3 credits

### **ARS 366: Theory and Practice of Sculpture: Modeling, Casting, and Carving**

A historical and philosophical survey of sculpture in expanded fields. Exploration focusing on site as a major component of artwork in both content and form, emphasizing

multidimensional work in relation to context, material and intent. The class will consist of technical demonstrations in various materials, lectures, critiques, and discussions. Students will learn creative skills in the design process: site analysis, conceptualization, presentation, and production. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Prerequisite:* ARS 256

**SBC:** HFA+

3 credits

### **ARS 374: Theory and Practice of Printmaking: Intaglio Processes**

Further development of the craft of black-and-white intaglio printing, utilizing various methods including dry point, engraving, etching, soft ground, and aquatint, with an emphasis on the history of printmaking. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Prerequisite:* ARS 274

**SBC:** HFA+

3 credits

### **ARS 375: Theory and Practice of Printmaking: Lithography**

Demonstrations and hands-on work in the basic techniques of direct lithographic printing from limestone, primarily in black and white, with an emphasis on the history of printmaking.

*Prerequisite:* ARS 154

*Advisory prerequisite:* ARS 274

**SBC:** HFA+

3 credits

### **ARS 381: Color and Light Photography**

An exploration of the creative aspects of color and light relationships with natural and artificial lighting. This course presents digital imaging techniques, critical color output, and use of the lighting studio. This course is repeatable to a maximum of 6 credits. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information. Estimated cost of supplies is \$300 in addition to the course fee.

*Prerequisite:* ARS 281

**SBC:** HFA+

3 credits

### **ARS 382: Analog Black and White Photography**

A study of analog black and white photography using traditional materials, processes and analog imaging techniques.

Use of black and white photographic film formats, and the darkroom. This course is repeatable to a maximum of 6 credits. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Prerequisite:* ARS 281

**SBC:** HFA+

3 credits

### **ARS 390: Topics in Studio Art**

Semester supplements to this Bulletin contain specific descriptions when course is offered. May be repeated as the topic changes. Not for major credit.

*Prerequisite:* ARS 154 or ARS 205

**DEC:** G

**SBC:** HFA+

3 credits

### **ARS 420: Studio Art Senior Seminar**

An advanced seminar and critique course for seniors to develop a body of work in their individual area, particularly designed for students who wish to continue study and/or work in the visual arts. Where applicable, includes field trips and assignments of special lectures, panels, seminars, and other events and practices of the professional art world. A group exhibition in a public on-campus venue will be strongly encouraged. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Prerequisite:* U3 or U4 standing; ARS major or minor

**SBC:** ESI, SPK

3 credits

### **ARS 425: Advanced New Media Art**

Advanced study of the practice and theory of new media art through production, lecture, discussion, exhibition and critique. Students create self-defined projects that revolve around new media methodologies and techniques. Artwork created in class can include but is not limited to 2 and 3D digital print, video, animation, interactive objects, data, installation and performance. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information. May be repeated once.

*Prerequisite:* 2 or more of the following courses: ARS 324, ARS 325, ARS 326, ARS 327, ARS 328, ARS 381, ARS 382, ARS 329; CDT 317; CDT 318; or permission of instructor

**SBC:** SPK

3 credits

**ARS 444: Experiential Learning**

This course is designed for students who engage in a substantial, structured experiential learning activity in conjunction with another class. Experiential learning occurs when knowledge acquired through formal learning and past experience are applied to a "real-world" setting or problem to create new knowledge through a process of reflection, critical analysis, feedback and synthesis. Beyond-the-classroom experiences that support experiential learning may include: service learning, mentored research, field work, or an internship.

*Prerequisite:* WRT 102 or equivalent; permission of the instructor and approval of the EXP+ contract ([http://sb.cc.stonybrook.edu/bulletin/current/policiesandregulations/degree\\_requirements/EXPplus.php](http://sb.cc.stonybrook.edu/bulletin/current/policiesandregulations/degree_requirements/EXPplus.php))

**SBC:** EXP+

0 credit, S/U grading

**ARS 452: Advanced Theory and Practice of Painting**

Examination of ideas and techniques of painting through studio, lecture, critique, exhibition, and painting assignments. May be repeated once.

*Prerequisite:* ARS 351 and 352; ARH 342

3 credits

**ARS 459: Write Effectively in Studio Art**

A zero credit course that may be taken in conjunction with any 300- or 400-level ARS course, with permission of the instructor. The course provides opportunity to practice the skills and techniques of effective academic writing and satisfies the learning outcomes of the Stony Brook Curriculum's WRTD learning objective.

*Prerequisite:* WRT 102; permission of the instructor

**SBC:** WRTD

0 credit, S/U grading

**ARS 465: Advanced Theory and Practice of Sculpture: Welding, Construction, and Inter-media**

An advanced course in the theory, techniques, and methodology's informed by contemporary studio practice and innovation. The class will consist of technical demonstrations, lectures, critiques and discussions. Emphasis is on creative content, and process, critical thinking, and experimentation. Increased ability in the articulation of three-dimensional form and space will be explored. May be repeated once, for a total of 6 credits. This course has an associated fee. Please see

[www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Prerequisite:* ARS 365

3 credits

**ARS 466: Advanced Theory and Practice of Sculpture: Installation, Site Specific and Public Art**

An advanced investigation of the history, contemporary practice, and techniques of sculpture, installation, and expansions of art in the public realm. Students will explore ideas as research through readings, discussions, and critiques. Emphasis is on the conceptual investigation, and artistic expression through experimentation and production in space/time inquiry. Examinations of ideas through alternative visual processes may be explored. May be repeated once, for a total of 6 credits. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Prerequisite:* ARS 365 or ARS 366

3 credits

**ARS 471: Advanced Theory and Practice of Printmaking: Intaglio Processes**

Continued development of intaglio techniques, emphasizing a variety of multi-plate and single-plate color printing processes, and tailored to the individual requirements of advanced students. May be repeated once.

*Prerequisite:* ARS 374

3 credits

**ARS 472: Advanced Theory and Practice of Printmaking: Lithography**

Continued development of lithographic techniques, emphasizing methods of stone and plate lithography and leading to the production of printed single- and multi-colored editions. May be repeated once.

*Prerequisite:* ARS 375

3 credits

**ARS 475: Undergraduate Teaching Practicum I**

Work with a faculty member as an assistant in one of the faculty member's regularly scheduled classes. The student is required to attend all the classes, do all the regularly assigned work, and meet with the faculty member at regularly scheduled times to discuss the intellectual and pedagogical matters relating to the course.

*Prerequisites:* Studio art major; preferably U4 standing; sponsorship of an instructor; permission of department

**SBC:** EXP+

3 credits, S/U grading

**ARS 476: Undergraduate Teaching Practicum II**

Work with a faculty member as an assistant in one of the faculty member's regularly scheduled classes. The student is required to attend all the classes, do all the regularly assigned work, and meet with the faculty member at regularly scheduled times to discuss the intellectual and pedagogical matters relating to the course. Students assume greater responsibility in such areas as assisting in demonstrations and critiques, only under direct supervision of the instructor. The course in which the student is permitted to work as a teaching assistant must be different from the course in which he or she previously served.

*Prerequisite:* ARS 475; permission of department

**SBC:** EXP+

3 credits, S/U grading

**ARS 481: Advanced Photography**

Advanced photography production and independent self-directed project based work, contextualized by readings, discussions, critiques and presentations. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information. Estimated cost of supplies is \$300 in addition to the course fee.

*Prerequisite:* 2 or more of the following courses: ARS 324, ARS 325, ARS 326, ARS 327; ARS 328; ARS 381; ARS 382; ARS 329; CDT 317; CDT 318; or permission of instructor

3 credits

**ARS 482: Photography IV**

Advanced photography, stressing the theory and practice of communicative skills and presentation, aimed at enabling the serious photography student to follow and develop his or her personal objectives. Emphasis will be on the preparation of a portfolio to reflect each student's future goals. Estimated cost of supplies is \$300 in addition to the Lab fee. May be repeated once, for a total of 6 credits.

*Prerequisites:* ARS 481 and permission of the instructor after interview and review of portfolio

3 credits

**ARS 487: Advanced Directed Projects in Studio Theory and Practice**

Advanced independent projects for outstanding students under the supervision of a faculty member. May be repeated once for a maximum of six credits.

*Prerequisites: Advanced status in one of the studio areas; sponsorship of a faculty member; permission of department*

**SBC:** EXP+

0-6 credits

### **ARS 488: Internship**

*Prerequisites: U3 or U4 standing; 15 credits in art department courses; permission of department*

**SBC:** EXP+

0-6 credits, S/U grading

### **ARS 491: Special Topics in Studio Theory and Practice**

May be repeated as the topic changes. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Prerequisite: Permission of department*

3 credits

### **ARS 492: Special Topics in Studio Theory and Practice**

May be repeated as the topic changes. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Prerequisite: Permission of department*

3 credits

### **ARS 495: Senior Honors Project in Studio Art**

A one-semester project for studio art majors who are candidates for the degree with departmental honors.

*Prerequisites: Permission of instructor and department*

**SBC:** EXP+

3 credits

## **CDT**

### **Consortium for Digital Arts Culture and Technology**

#### **CDT 208: Introduction to Media Technology**

A survey and hands-on introduction to digital media. Students are introduced to the practical, conceptual, and historical use of computers and related imaging tools in the visual arts through lecture, labs, readings, and project critiques. This course serves as preparation for further study in electronic media and as an opportunity for students in the arts to gain basic computer literacy. Students will develop strategies for combining images and

text. Students will then distribute these works on the web. Emphasis is on the conceptual and artistic potential of the technology. No prior computer experience is required. Formerly offered as ARS/THR 208. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Pre- or Corequisite: One ARS, CCS, CSE, ISE, MUS, or THR course*

**SBC:** ARTS, TECH

3 credits

#### **CDT 317: Interactive Media, Performance, and Installation**

A multi-disciplinary production class that explores the possibilities of interactive media through image, sound and performance. Students will participate in all aspects of audio and video production with the intent of creating finished interactive mixed media installations or performances. Course topics include sound recording and synthesis, sampling, video, lighting, alternative input, MIDI and OSC. This hands-on course stresses small experimental-creative laboratory assignments and culminates in final small-group or individual projects. All editing and postproduction will be done digitally. All production for this course is within a fine arts context, and is graded accordingly. Throughout the semester students will be exposed to video, audio and installation works from a variety of artists. Contemporary video and audio practices will be a key component of the class in both production and critique. Participation in the discussion of these works is required, as is participation in critiques of student works. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Prerequisite: One ARS, CCS, CSE, ISE, MUS, or THR course*

*Advisory Prerequisite: CDT 208 or ARS 225*

3 credits

#### **CDT 318: Movie Making: Shoot, Edit, Score**

An investigation of the relationship between music and film and video. Students script, shoot, edit, and create short videos with soundtracks, exploring different aspects of visuals and music. All editing is done digitally. Works may be made for screen, installation, or performance. Also examines historical and contemporary artistic exploration with such media. Formerly offered as ARS/THR 318. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Prerequisite: CDT 208 or ARS 225 or CCS 101*

3 credits

#### **CDT 341: Sound Design**

An investigation into the scientific, formal and artistic qualities of sound developed for students who may or may not have had formal musical training. Students will write reviews of sound pieces, create film or game soundtracks, and create sound-based art-works in response to course content, and write a paper on acoustic or psycho-acoustic phenomena. Emphasis is on studio production techniques, history of sound art and basic acoustics. Students will work on Apple computers in the SINC site and LTA. This course has an associated fee. Please see [www.stonybrook.edu/coursefees](http://www.stonybrook.edu/coursefees) for more information.

*Prerequisite: One ARS, CCS, CSE, ISE, MUS, or THR course*

*Advisory Prerequisite: CDT 208 or ARS 225*

**SBC:** ARTS, TECH

3 credits

#### **CDT 444: Experiential Learning**

This course is designed for students who engage in a substantial, structured experiential learning activity in conjunction with another class. Experiential learning occurs when knowledge acquired through formal learning and past experience are applied to a "real-world" setting or problem to create new knowledge through a process of reflection, critical analysis, feedback and synthesis. Beyond-the-classroom experiences that support experiential learning may include: service learning, mentored research, field work, or an internship.

*Prerequisite: WRT 102 or equivalent; permission of the instructor and approval of the EXP+ contract ([http://sb.cc.stonybrook.edu/bulletin/current/policiesandregulations/degree\\_requirements/EXPplus.php](http://sb.cc.stonybrook.edu/bulletin/current/policiesandregulations/degree_requirements/EXPplus.php))*

**SBC:** EXP+

0 credit

#### **CDT 450: Topics in Computational Arts**

Studies of topics arising from the intersection of digital arts, culture and technology, using a variety of approaches from the arts, humanities and sciences. Possible topics include: Disruptive Technologies, Virtual 3D Story Telling, Cultural Networks, Fast, Cheap, and Out of Control: the Remonetization of Music and Other Promiscuously Transportable Media Objects. May be repeated for credit as the topic changes.

*Prerequisite: CDT 208 and one 300-level course from CDT, ARH, ARS, CAT, CSE, EST, MUS, THR, or a course approved by cDACT Director*

**DEC:** H

**SBC:** STAS

*3 credits*

**CDT 487: Independent Project in Computational Arts**

Intensive study of a special topic undertaken with close faculty supervision. Request for project approval must be submitted no later than the last week of classes of the prior semester. May be repeated.

*Prerequisite: Permission of director of undergraduate studies*

*0-6 credits*

**CDT 488: Internship**

Internship projects arranged in consultation with a faculty member and an outside agency.

*Prerequisite: permission of instructor*

**SBC:** EXP+

*0-6 credits, S/U grading*