

20-21 Electives Course Catalogue

Choir-

Choir 1:

- Choir 1 provides the foundations of singing in two and three parts. Learning to read music, rudimentary music theory, learning to sing as an ensemble (while learning to use the voice as an instrument, individually,) and learning performance techniques are just a few of the outcomes of being in Choir 1. Performance opportunities are singing in chapel, Christmas Concert, Spring Concert, Talent Show, class meetings, etc.

Choir 2: (Prerequisite Choir 1 OR Teacher approval)

- Choir 2 is the next step in learning to sing as an ensemble. Two, three, and four-part singing are honed while providing multiple performance opportunities. We continue to learn valuable reading skills as vocalists while learning music theory. Performance techniques are honed while singing several styles of music, making this class well-rounded singers. Performance opportunities for this choir are chapel performances, the Christmas concert, the Spring concert, talent show, class meetings, etc.

MS ADVANCED THEATRE: MUSICAL PRODUCTION -- (MS THEATRE 1 & 2, MS INTERMEDIATE THEATRE, CHOIR I, DANCE I)

- The Middle School Theatre Musical Production course is a performance class. All students must audition with a monologue and song in order to be cast in the production and enroll in this course. Students should expect to perform in front of audiences and will be required to attend some Afterschool, Morning, and Saturday, rehearsals, and must be present for all Tech & Dress Rehearsals, and final performances.

*Drumline/Rock Band: 6th-8th Grade (Possible offering)

- Drumline will be first two trimesters, with rock band 3rd the third trimester

Communications Technology: photograph the moments and write the stories that make the yearbook.

Intro to Yearbook and Communications:

- Students will learn writing copy, capturing images, laying out pages and telling the story of events at St. Francis. Students capture images with professional quality SLR Digital Cameras, enhance photos, and create graphics with Adobe Creative Suite and layout pages with Balfour publishing software.

Advanced Yearbook & Communications:

- Students will expand their knowledge of Adobe Creative Suite, build on their knowledge of copywriting. In coordination with the St. Francis Episcopal School Communications Department, students will develop content for Social Media posts as well as our yearbook, learning copy and photography skills as they apply to both publication and social media. (Upper School Course or prerequisite Intro to Yearbook & Communications)

Dance: Students will learn many different styles of dance: Hip Hop, Jazz, Theater; This course also includes performance opportunities.

Fundamentals of dance (Dance1): 7th and 8th grade dance

- The Dance program at St. Francis offers students the opportunity to learn jazz dance, theater dance, and hip-hop styles. The student will also learn basic ballet terminology and conditioning. This course is designed for students to experience dance and learn the awareness of their physical abilities. All students will explore variations of styles given in combinations and choreography. They are given the opportunity for exploration and improvisation using steps they have learned in class. Students will gain strength, agility, flexibility, coordination, and balance. There is also an opportunity for the class to create their own choreography to music that they choose. The final assignment is the performance of

choreography they have learned during the trimester. Each student can take several trimesters of dance. The basics are the same but the choreography is different for each trimester.

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Design & Prototyping: build with electronics, 3D CAD and learn how to use our maker tools

Intro to 3D Design & Prototyping:

- Students create electronic devices using Makey Makey electronic circuit boards, recycled materials and knowledge of electricity. Students learn the basics of Computer Aided Design and use the TinkerCAD web app to design and 3D print organic objects in PLA plastic.

3D Design & Prototyping:

- Students learn how to use Arduino Electronics microcontrollers to construct real world, useful projects with digital and analog sensors, electric motors and LED lights. Students expand their knowledge of TinkerCAD design and 3D printing with PLA plastics. Students will also learn the fundamentals of 2D design and laser cutting using the Glowforge cutter. (prerequisite-Intro to 3D Design & Prototyping)

Advanced 3D Design for Virtual Environments:

- *Students integrate Geometry, Engineering, and Design skills to construct 3D prototypes with Blender. Students design in 3D Virtual Environments with Unity or Unreal Engine (prerequisite 3D Design & Prototyping)*

Advanced 3D Design & Prototyping:

- Students integrate design, electronics and programming skills to solve complex engineering problems and build advanced Arduino based projects to solve real world challenges. (prerequisite 3D Design & Prototyping)

Lead-Students will learn the Design Thinking Process to problem solve real world issues and topics.

Design Thinking Intro (7/8th Grades ONLY)

- This class will focus on the Design Thinking approach to solve real world problems. Students will learn the five steps in the Design process, work through each step, and work collaboratively with others.

Design Thinking Studio (Prerequisite: Intro to Design Thinking)

- **Students will use the design process to dive deeper into Design Thinking by tackling challenges with deeper understanding. A deep dive into design thinking will be offered in Tri 2 & 3.**
- This collaborative approach is “human-centered,” meaning it is based on connecting and empathizing with others to problem solve. Students will use brainstorming and collaboration skills that will prove valuable when many challenges don’t have textbook answers. A deep dive into design thinking will be offered in Tri 2 & 3.

Media Technology: Take a story idea from concept to an edited video using cameras, computers and software.

Media Production - Introduction

- Story is King. All of the work we do is focused on story using Sydney Field and Joseph Campbell as inspiration. We reduce all our stories down to two main points; identifying a Problem and most importantly finding a solution that works for the characters involved. Our students should know how to identify core problems in Literature and everyday situations and quickly offer several possible outcomes as solutions. They should be able to communicate with Managers, Supervisors and always be solution oriented. Students work through production ideas like a production team in the professional world. Our daily process relies heavily on the students moving along at their pace with guidance and mentoring from the teacher.

Project - Stop Frame Movie (Short)

Product - Celtx Script, Celtx PDF, Photos, Final Cut Pro Movie

Performance - Movie shared to YouTube

Media Production 1 - (Prerequisite:Media Production Introduction)

- This is a pre-production class using “digital storytelling” skills and equipment, such as lights; video and still cameras;Apple computers and software, including iMovie, Celtx, and Audacity. Students will learn the process for developing and producing videos by working on group and solo projects like music videos, stop-action movies, and short stories.

Project - Video Projects

Product - Celtx Script, Celtx PDF, Photos, Final Cut Pro Movie

Performance - Movie shared to YouTube

Media Production 2 (Prerequisite: Media Production 1)

- Having the working knowledge and skills from Media Technology 1, this production class is working with set deadlines and production requirements. Students write stories that need to include the elements of a good story from our “digital storytelling” skills in order to get the approval needed for shooting. Students continue to use the available equipment, such as Studio lights; video and still cameras; Apple computers and iPads and software including Final cut Pro, Celtx, iPhoto and Google applications. Students become writers, camera operators, directors, actors and editors as they develop, write and produce videos.

Students choose to work solo and in groups.

Project - Video Projects

Product - Celtx Script, Celtx PDF,

Photos, Final Cut Pro Movie

Performance - Movie shared to YouTube, Class Movie Festivals, Newscast

Programming & CompSci: create games and simulations while learning the fundamentals of programming

Intro to Programming with Scratch:

- Students Learn programming fundamentals of programming & computer science using the Scratch Programming Language.

Programming with JavaScript, HTML and CSS:

- Students learn to create interactive websites and integrate data & scripts.. Students learn to program with different data types, if/else, functions, arrays, switches, loops, and control flow. They create programs that simulate choose your own adventure stories, magic eight ball random question answerer, and a rock paper scissors simulation. (prerequisite-Intro to programming)

Programming with Python:

- Students will learn the syntax and concepts of programming in this versatile language. Students will learn to use Python to process and visualize data as well as solve real world problems. (prerequisite-Programming with JavaScript)

Religious Studies

Religion in Film:

- Students will explore, compare, and analyze major religious themes found in film in relation to the basic practices, beliefs, and scriptures of various world religions.

Robotics: build robots and program them to solve problems

Intro to Robotics with Lego Mindstorms:

- Students learn the basic components and behaviors of the EV3 robot and Lego Mindstorms Software. (To be eligible for LEGO FLL Teams, students must have completed intro to Robotics)

Advanced Lego Robotics:

- Students will explore the expansive features of Lego Mindstorms and build complex robotic solutions to real world problems. (prerequisite-Intro to Lego Robotics)

Theatre: explore ensemble building, improvisation, acting, voice, movement & storytelling

MS INTRO TO THEATRE:

- is an introductory course that explores ensemble building, improvisation, movement, basic staging, theatre terminology, and storytelling. Using theatre games, students will be challenged to take risks, move outside of their comfort zones, and use their imaginations to participate in individual, partner, and small group playmaking exercises. With an emphasis on lessons from *Improvisation for the Theatre*, students will build respect, rapport, and unity among their class ensemble.

MS THEATRE 1: PREREQUISITE: INTRO TO THEATRE)*

- continues to explore concepts from INTRO TO THEATRE, with more lessons on improvisation, movement, staging, and the creative & rehearsal process. Using theatre games, improvisation activities, ensemble building exercises, and mime, students will collaborate, create, and dramatize a group theatre piece. By the end of the trimester, students will be able to: contribute to successful group collaborations, use theatre terminology and the vocabulary of dramatic structure, while participating in individual, partner, and small group performances. Students will also improvise dialogue and movement, portray character motivations and relationships, enact monologues, dialogue, and asides within an improvised story or a written script.

MS THEATRE 2: (PREREQUISITE: MS THEATRE 1)

- picks up where THEATRE 1 left off with more emphasis on movement for the actor, theatre games, mime, improvisation, and collaboration. Students will be introduced to some basic principles of acting theory, and voice for the actor while exploring how to use the body and voice in a variety of ways to express character, emotion, motivation, and relationship. Character and script analysis are introduced, while studying and creating theatre based on Eastern & Western theatre practices. Theatre design and construction will also be explored through studying the art of puppetry, mask work, and/or scenery, props, and costumes.

MS INTERMEDIATE THEATRE: CREATING & PERFORMING ENSEMBLE -- (PREREQUISITE: MS THEATRE 1 & 2)

- Students will build upon the theatre skills acquired in Intro to Theatre, and Theatre 1 & 2, and continue to study the basic principles of acting, movement and voice for the actor, along with theatre history. The focus of this course is to provide the foundations of theatre vocabulary linked with direct experience (beginning theatre history, technical theatre and stage terms), to learn the habits needed for the discipline of theatrical performance (listening, memorization, collaboration, organization), and to learn how to read a script. The umbrella over these three focal points is growth of the ensemble. The class focuses on collaborating as an ensemble while exploring various styles of theatre (mask work, Bunraku & Shadow puppetry, commedia dell'arte, mime, comedy, short-form improv, musical theatre, etc.). Students will also study the various career paths in theatre and also practice and assume the responsibilities of the different roles in the rehearsal and production process (director, stage manager,

props/costume/lighting/sound designer, etc). Students will create, rehearse, perform, and critique various styles of group theatre pieces.

MS INTERMEDIATE THEATRE: MONOLOGUES, SCENES, & AUDITIONING SKILLS -- (PREREQUISITE: MS THEATRE 1 & 2)

- Students will continue to practice improvisation for the actor and take the skills developed through improvisation apply them to text work in assigned monologues and scenes. The basics of character development, script/scene analysis are explored using body, voice, and imagination to create fully realized and committed characters. Students develop skills related to scenic objectives, listening, impulse, problem solving, physical and verbal communication and given circumstances. This course introduces students to the work of Constantin Stanislavski and elements of dramatic text analysis including beats, objectives, tactics, obstacles, given circumstances and previous action to aid the student actor creating recognizable human behavior, action and theatrical worlds. Performing a monologue and a scene are some of the performance projects in Intermediate Theatre. Students will practice the audition process with selected audition pieces and will perform monologues/scene showcase for other classes.

MS ADVANCED THEATRE: PLAY PRODUCTION-- (PREREQUISITE: MS THEATRE 1 & 2, MS INTERMEDIATE THEATRE)

- the Middle School Theatre Play Production course is a performance class. All students must audition with a monologue in order to be cast in the production and enroll in this course. Students should expect to perform in front of audiences and will be required to attend some Afterschool, Morning, and Saturday, rehearsals, and must be present for all Tech & Dress Rehearsals, and final performances.

MS ADVANCED THEATRE: MUSICAL PRODUCTION -- (MS THEATRE 1 & 2, MS INTERMEDIATE THEATRE, CHOIR I, DANCE I)

- the Middle School Theatre Musical Production course is a performance class. All students must audition with a monologue and song in order to be cast in the production and enroll in this course. Students should expect to perform in front of audiences and will be required to attend some Afterschool, Morning, and Saturday, rehearsals, and must be present for all Tech & Dress Rehearsals, and final performances.

MS ADVANCED THEATRE: SPECIAL TOPICS -- (PREREQUISITES TBD based on topic)

- This course will offer a different topic per trimester, i.e. COMEDY SPORTZ-SHORT-FORM IMPROV; AN INTRODUCTION TO THEATRE DESIGN: COSTUME, SCENIC AND LIGHTING; SHAKESPEARE; MUSICAL THEATRE

MS TECHNICAL THEATRE 1 - Introduction (Prerequisite: Art?; Theatre 1)

- Students learn about all aspects of theatre-sets, props, costumes, makeup, lighting, and sound-as their course assignments. They will have hands-on projects to work on these skills. Hand and power tools, as well as their safety procedures, will be taught and applied throughout the semester. All students will receive instructions on skills as designers, managers, and production assistants. You will be graded for your design work and set construction and projects.

MS TECHNICAL THEATRE 2 - (Prerequisite: Technical Theatre 1)

- We focus on the production of the storytelling aspect of the stage. Students are encouraged to imagine new ways to bring the stage productions to life through set design and construction, sound and lighting for the MS play and/or musical. The Skills needed for each part of the production process are taught in a hands on environment working directly alongside Directors, Designers and stage managers to become part of the production team. Our students gain confidence as Leaders in the production area of the Theatre. We present these opportunities to the students in 8th grade where most students would not be assigned leadership roles until their Junior or senior year in Highschool. Students will: Construct \ Paint Sets and Props, Working from the concept drawings of the Sets and Props. We divide into groups and work one step at a time. Play Rehearsal \ Production Performance: Each student is assigned a Job/Part to contribute toward the play Examples: Front of House, Stage Manager, Backstage Manager, Props manager, Set crew, Sound, Light Board, Spotlight. Microphones, Sound FX

Visual Art: Sketchbooks Required in all classes: VA classes are focused on building and forming a passion for art through Painting, Drawing, Printmaking Sculpture, Ceramics, Jewelry, Fused Glass and much more.

2D Focus Path

Foundations of Art 1 trimester

- This Trimester course is a lively, inviting, comprehensive course written for beginning level artists. This course includes interactive activities and multicultural studio projects representing a wide variety of cultures, artistic styles and art media. This course is designed to enrich the lives of its participants through discovery and creative problem solving. It provides students with a broader perception of their environment and cultural perspectives.

Introduction to 2D: (Prerequisite-Foundations of Art) 1 trimester

- This trimester course is an introduction to the study of 2D visual arts. Students design original work using a variety of art materials and tools as they employ drawing, painting, printmaking and mixed media processes.

Intermediate 2D Studio: (Prerequisite Intro to 2D) 2 Trimesters

- This trimester course builds on skills utilized in 2D Intro. This course guides students towards further exploration and practice in the study of 2D visual arts. Students design original work using a variety of art materials and tools as they employ drawing, painting, and mixed media processes.

Advanced 2D Studio I: Painting, Drawing, Watercolor (Prerequisite: Intermediate 2D) 2 trimesters

- Close your eyes and imagine you're standing in an art studio, the smell of paint, pencils and the infinite creative possibilities that linger in the air. This is where art is born, and in 2D Studio Art, you'll learn how to bring your art visions to life. Whatever medium you prefer painting, drawing and watercolor. This course will teach you the design elements and principles needed to create a work of art, explore your artistic inspirations, travel back in time to look at art in different cultures, and gain insight about the art of critiquing.

Advanced 2D Studio II: Printmaking, Collage, Mixed Media (Prerequisite: Intermediate 2D) 2 trimesters

- Close your eyes and imagine you're standing in an art studio, the smell of ink, stacks of collage paper and the infinite creative possibilities that linger in the air. This is where art is born, and in 2D Studio Art, you'll learn how to bring your art visions to life. Whatever medium you prefer printmaking, collage, and mixed media. This course will teach you the design elements and principles needed to create a work of art, explore your artistic inspirations, travel back in time to look at art in different cultures, and gain insight about the art of critiquing.

Independent Studies/8th grade only (Teacher Approval and Portfolio Review) 10 student limit/2 trimesters

- This course will offer you an opportunity to focus on a art discipline you have a passion for from what you learned, explored and tried in your previous art courses here at SFES

3D Focus Path

Foundations of Art 1 trimester

- This Trimester course is a lively, inviting, comprehensive course written for beginning level artists. This course includes interactive activities and multicultural studio projects representing a wide variety of cultures, artistic styles and art media. This course is designed to enrich the lives of its participants through discovery and creative problem solving. It provides students with a broader perception of their environment and cultural perspectives.

Introduction to 3D: (Prerequisite-Foundations) 1 trimesters

- This trimester course is an introduction to the study of 3D visual arts. Students design original work using a variety of art materials and tools as they employ sculpture/modeled form, ceramic, and fiber art processes.

Intermediate 3D Studio: (Prerequisite Intro to 3D) 2 Trimesters

- This trimester course builds on skills utilized in 3D Intro. This course guides students towards further exploration and practice in the study of 3D visual arts. Students design original work using a variety of art materials and tools as they employ sculpture/modeled form, ceramic, and fiber art processes.

Advanced 3D Studio I: Ceramics/Sculpture (Prerequisite Intermediate 3D Studio) 2 trimesters

- Close your eyes and imagine you're standing in an art studio the smell of paint, the heat of the kiln, and the infinite creative possibilities that linger in the air. This is where art is born, and in 3D Studio Art, you'll learn how to bring your art visions to life. Whatever medium you prefer Ceramics or Sculpture. This course will teach you the design elements and principles needed to create a work of art, explore your artistic inspirations, travel back in time to look at art in different cultures, and gain insight about the art of critiquing.

Advanced 3D Studio II: Jewelry/Fused Glass/Fibers (Prerequisite Intermediate 3D Studio) 2 trimesters

- Close your eyes and imagine you're standing in an art studio, the heat of the kilns, the sound of a laser cutter and, and the infinite creative possibilities that linger in the air. This is where art is born, and in 3D Mixed Media Studio Art, you'll learn how to bring your art visions to life. Whatever medium you prefer Ceramics or Sculpture. This course will teach you the design elements and principles needed to create a work of art, explore your artistic inspirations, travel back in time to look at art in different cultures, and gain insight about the art of critiquing.

Independent Studies/8th grade only (Teacher Approval and Portfolio Review) 10 student limit/2 trimesters

- This course will offer you an opportunity to focus on a art discipline you have a passion for from what you learned, explored and tried in your previous art courses here at SFE

Visual Arts 2D/3D Focus Path 5th-8th Career

Foundations of Art (1T)



