

MUSIC

DESCRIPTION – South's award-winning music groups have been at the forefront in presenting innovative projects that enhance students' understanding of what it means to make music and art in this day and age.



SKILLS Technical skills (instrumental or vocal)
Basic knowledge of music theory and history
Music reading
Choreography (choir)
Performance and presentation

PROJECTS Solo and group performances
Collaboration with musical/theater
Support local arts community
Pep band, games, banquets, tours, etc.
National competitions, travel

CLASSES **Orchestra (Preparatory, Concert, and Symphonic Strings)** – *From collaborating with a touring folk rock group at the Performing Arts Center to presenting evenings of silent film with live music, the SAHS Orchestra is a dynamic and exciting musical experience. Performances have included transforming their space into both a 20s French cabaret and a 19th century crypt for different events. Find out more at www.southhighorchestra.org.*

Choir (Mixed, Concert, and Swing) – *Open to everyone, South's choir has several performance opportunities throughout the year through school concerts, community events, and travel out of state. Our top-ranked choir program is always striving for the best and to support our school with a live student pit orchestra and full productions onstage through theater.*

Band (Concert, Symphonic, and Jazz) – *Band at South is fun and challenging! Students perform throughout the year in a variety of formal concerts, pep band games, banquets, and tours. There are opportunities to audition for and participate in extracurricular activities, including pit orchestra, All-State band, Solo & Ensemble festivals, and the All-Northwest Music Festival!*

COOL FACT! Guitar, Music Keyboarding, Music Appreciation, and other music courses are also offered!

ENGINEERING TECHNOLOGY PROJECT LEAD THE WAY



DESCRIPTION – PLTW Engineering at South empowers students to step into the role of an engineer, adopt a problem-solving mindset, and make the leap from dreamers to doers.

SKILLS Problem solving
Collaboration
Professional communication
Research and analysis
3D solid modeling software
Design process
Electronic circuitry
Woodworking
Basic programming
Tool and equipment safety

PROJECTS 3D modeling and printing
Designing
Automation
Circuit design
Woodworking
Support SAHS stage production

CLASSES **PLTW Introduction to Engineering Design** – *Students dig deep into the engineering design process, applying math, science, and engineering standards to create hands-on projects, like designing a new toy or improving an existing product.*

PLTW Principles of Engineering – *Students explore a broad range of engineering topics, including mechanisms, strength of structure and materials, and automation, and then apply what they know to new challenges, like designing a self-powered car.*

PLTW Digital Electronics – *Students explore the foundations of computing by engaging in circuit design processes to create combinational logic and sequential logic (memory), as electrical engineers do in the industry.*

Applied Technologies – *This isn't your dad's shop class! Students explore engineering and construction experiences, ranging from woodworking to basic programming and 3D design.*

COOL FACT! South has a multi-million dollar engineering lab, complete with computer lab and 3D printer!

SOUTH ANCHORAGE HIGH SCHOOL

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south.asdk12.org

At SAHS, we pride ourselves on our outstanding music, leadership, technology, engineering, and academic programs. Here is a sample of the programs offered at South Anchorage!



DIGITAL ARTS/AUDIO VISUAL | SAHS MEDIA

DESCRIPTION – SAHS Media classes prepare students to enter the ever-growing digital media industry with skills equivalent to many 2-year post-secondary programs, and open new avenues for students to unleash their creativity.

SKILLS Digital filmmaking and live-streaming
Graphic design and generation
Camera operation
Editing
Scriptwriting
Industry-recognized certification

PROJECTS Daily announcements
National commercials
Live mixing
Streaming sporting events
Possible internships

CLASSES **Media & Broadcasting** – *Foundational course where students will explore the use of multimedia to tell a compelling story.*
Production Technology I&II – *Follows M&B; Students develop skills in audio and video production, using a range of cameras, audio recording, and audio mixing devices.*

Production Studio – *Students develop leadership and team working skills, while gaining experience running and managing all aspects of a professional broadcast media company.*

COOL FACT! South has been recognized locally and nationally for its innovative media program!

AFJROTC



DESCRIPTION – The goal of the Air Force Junior Reserve Officer Training Corps is to develop citizens of character, dedicated to serving their nation and community.

- SKILLS**
- Leadership
 - Team building
 - Community service
 - Management
 - Physical training
 - Citizenship and patriotism

- PROJECTS**
- Community service
 - Drill, marksmanship, and color guard
 - Possible career training at JBER
 - Participation in assemblies and school events
 - Local and national competitions, travel

CLASSES **AFJROTC I** – *Students develop leadership and management skills, communications techniques, and instruction capabilities in the framework of a role-playing leadership laboratory. Drill and ceremony, military bearing, citizenship training, and patriotism prepare the cadets for participation in community service opportunities.*

AFJROTC II – *Students learn basic principles of aerodynamics, propulsion, and navigation as they relate to the aerospace environment. Cadets assume greater responsibility in running the corps as assistants to the staff officers.*

AFJROTC III – *Students learn to interpret the role of the US in international space as man expands his research and travel to other planets. Third year cadets organize and administer the corps through command and staff assignments.*

AFJROTC IV – *Students learn the relationship between nations of the world, the elements of national power, and the nature and development of the U.S. Air Force doctrine.*

- COOL FACTS!**
- Upon successful completion of one year of AFJROTC, students earn 0.5 PE waiver (up to 1.0)!
 - Upon successful completion of AFJROTC II, students earn 0.5 physical science credit!

PEER MENTORSHIP



DESCRIPTION – Peer Mentors design and lead experience-based lessons aimed at helping students who are new to the school transition successfully and learn skills instrumental in aiding their future high school experience. It is a national award-winning program aimed at assisting incoming 9th graders to ease the transition from middle school, create bonds with their class, connect with resources at South, and address social-emotional needs.

- SKILLS**
- Leadership
 - Team building
 - Community service
 - Management
 - Social/Emotional understanding
 - Interpersonal skills
 - Writing refinement
 - Public speaking
 - Graphic design
 - Budgeting

- PROJECTS**
- Adventure course day
 - Monthly newsletters
 - New student welcome
 - Participation in assemblies, school events
 - Volunteering at feeder schools
 - Monthly freshman presentations

CLASS **Peer Mentorship** – *Open by application to 10th-12th graders, this course is for students who are interested in helping others, learning leadership skills, working in teams, and assuming a greater role in making South a welcoming and nurturing place to learn. (When the application window opens, the form will be available on the South website.)*

COOL FACTS! South's Peer Mentorship program was recognized in 2016 in a national publication that discusses the necessity for "whole-student" programs around the United States! Dimond, Service, and even Juneau have looked to South's program model to start and run their own programs.

AP CAPSTONE



DESCRIPTION – AP Capstone is a distinction promoted by College Board, the guiding institute behind the SAT. This program is built on the foundation of two AP courses—AP Seminar and AP Research—and is designed to complement and enhance the in-depth, discipline-specific study experienced in other AP courses.

- SKILLS**
- Writing refinement
 - Research
 - Time management
 - Collaborative learning
 - Investigation
 - Assessing valid sources
 - Application to life outside of school
 - Public speaking
 - Acclimating to AP studies

- PROJECTS**
- Oral and visual presentations
 - Collaborative study
 - Research in preparation for scholarly paper
 - Academic paper as "capstone" completion

CLASSES **AP Seminar** – *Students investigate real-world issues from multiple perspectives, gathering and analyzing information from various sources in order to develop credible and valid evidence-based arguments. Student learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team.*

AP Research – *Students cultivate the skills and discipline necessary to conduct independent research in order to produce and defend a scholarly academic paper. Students explore an academic topic, problem, or issue of individual interest, then design, plan, and conduct a yearlong research-based investigation to address a research question. The course culminates in an academic paper of 4,000-5,000 words.*

- COOL FACTS!** Upon the successful completion of the AP Capstone program and an additional four AP courses through high school, a student is awarded the distinction of an AP Capstone Diploma!