Appendix F

External Reports

BENCHMARKING ARTS COURSE OFFERINGS

Prepared for Arlington Public Schools

November 2017

To assist Arlington Public Schools (APS) in evaluating its existing arts course offerings, Hanover Research compares APS' arts courses to those offered at five peer school divisions in Virginia. This report also examines the distribution of APS' arts courses across its middle and high schools.

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EXECUTIVE SUMMARY

INTRODUCTION

Arlington Public Schools (APS) is in the process of evaluating its arts offerings to determine whether its courses: 1) are comparable to peer school divisions; 2) are offered equitably across APS' schools; 3) satisfy the prerequisites for enrollment in art programs at colleges and universities; and 4) correspond with the skills and training required for entry-level work in arts occupations. APS has partnered with Hanover Research to assess the division's middle and high school arts courses. This report—the first phase of a two-phase study to evaluate APS' arts courses—benchmarks APS' offerings against five school divisions in Virginia:

- Alexandria City Public Schools;
- Clarke County Public Schools;
- Fairfax County Public Schools;
- Frederick County Public Schools; and
- Loudoun County Public Schools.

The report summarizes arts courses at the above school divisions in two sections:

- **Section I: Overview of Peer Course Offerings** summarizes Hanover's methods for selecting peer school divisions and provides a broad overview of arts courses offered by each peer.
- **Section II: Peer Profiles** provides profiles of each peer school division's arts programs, summarizing: 1) the overall number and type of arts courses offered at each district at the middle and high school levels; 2) the number of Advanced Placement (AP), International Baccalaureate (IB), and dual enrollment courses offered; and 3) any notable or unique course offerings.
- **Section III: APS Arts Enrollment by School** examines average arts enrollment across APS' middle and high schools.

To complement the analysis provided in this report, an appendix provides lists of all courses offered by APS' peers and compares each peer's courses to courses offered by APS.

KEY FINDINGS

PEER COURSE OFFERINGS

- **APS is second only behind Fairfax in terms of the breadth and number of arts courses offered at both the middle and high school levels**. APS stands out in the following ways:
  - *High school:* APS offers more drama and media arts courses in high school than all other divisions except Fairfax. In addition, APS is the only division to offer a fine arts apprenticeship program in high school.
  - *Advanced arts courses:* APS is the only division besides Fairfax to offer a combination of AP, IB, and college dual-enrollment arts classes. APS and Fairfax are also the only divisions to offer advanced film study courses (although only one APS school offers film study).

- **At the high school level, peers with higher total enrollments generally offer a wider range of arts-related electives than those with smaller enrollments**. This includes increased availability of specialized topics and a higher number of advanced high school courses (such as Advanced Placement, International Baccalaureate, and college dual enrollment courses). However, Loudoun County is a much larger division than APS and offers 30 fewer courses (including 13 fewer advanced courses) than APS.

- **Some divisions offer more specialized or advanced courses than those offered by APS.** Other districts offer types of music and visual arts courses not provided by APS, such as specialized ensemble courses (e.g. steel drums) or advanced design courses that address topics such as such as fabric, fashion and costume design, furniture, and interior and industrial design. Fairfax operates several high school learning communities focused on fine arts and offers courses in several topics not taught by APS or other peers at the high school level, such as dance and musical theater/acting.

- **Music courses comprise the largest proportion of arts courses at each peer division, followed by visual arts courses**. School divisions tend to offer multiple types of music courses in both middle school and high school, such as band, chorus, and orchestra. At the middle school level, APS' peer divisions generally require students to complete one fine arts elective each year, which may include a drama, chorus, instrumental music, or visual arts class. In high school, students may choose from a variety of arts-related electives in order to satisfy graduation requirements.

APS ARTS ENROLLMENT BY SCHOOL

- **Overall, fewer students enroll in arts courses in high school than in middle school, and there are more noticeable disparities in enrollment between the various high schools.** In middle school, around three-quarters of students enrolled in arts courses from 2014-15 to 2016-17 at APS' traditional middle schools, and around 90 percent of students enrolled in arts courses at HB-Woodlawn. At the high school level, H-B Woodlawn also had high proportion of students enrolled in arts (two-thirds of students in 2016-17). At APS' traditional high schools, arts enrollment at Wakefield and Washington-Lee (38 and 41 percent in 2016-17, respectively) is behind enrollment at Yorktown (54 percent of students enrolled in 2016-17).

- **H-B Woodlawn, Kenmore Middle School, and Yorktown High School offer more arts courses compared to their student populations than other schools**. At the middle school level, Swanson and Williamsburg have the highest course-to-student ratios, i.e. fewer courses compared to students (1:91 and 1:102, respectively), and H-B Woodlawn and Kenmore have the lowest ratios (1:24 and 1:51, respectively). At the high school level, H-B Woodlawn has the lowest course-to-student ratio (1:15), followed by Yorktown (1:55). Wakefield and Washington-Lee have the highest course-to-student ratio of 1:63.

- **At both the middle and high school levels, Hanover recommends that APS determine the reason that some schools have not reported enrollments in certain arts courses in the most recent school year**. That is, APS should determine whether lack of enrollment is due to lack of student interest, scheduling issues, lack of instructional staff, or other reasons. At the middle school level, Swanson did not report recent enrollments in Guitar or Intermediate Orchestra, and Williamsburg did not report recent enrollments in Advanced Chorus, Beginning Band, or Beginning Orchestra. At the high school level, Wakefield and Washington-Lee did not report recent enrollments in Painting/Drawing and Song Writing.

SECTION I: OVERVIEW OF PEER COURSE OFFERINGS

This section summarizes Hanover's methods for selecting peer school divisions and provides a broad overview of arts courses offered by each peer.

METHODS

PEER LIST

To create an initial list of school divisions to benchmark, Hanover first consulted the Washington Area Board of Education's (WABE) membership listing and identified Washington-area divisions located in Virginia.[1] In addition, Hanover consulted the Virginia Department of Education (VDOE) to identify all public school divisions located within APS's Regional area ("Region 4").[2]

After identifying all peers located with APS's region, Hanover conducted a preliminary investigation of division websites and online course catalogs to determine the availability of information relevant to course benchmarking. School divisions vastly differ in how they organize and present information on courses offered at middle and high schools. As a result of this initial scan, Hanover identified five Virginia school divisions with comprehensive, publicly available information on their arts course offerings: Alexandria City Public Schools, Fairfax County Public Schools, Loudoun County Public Schools, Clarke County Public Schools, and Frederick County Public Schools.

Other local Virginia peer districts, such as Falls Church City Public Schools, Manassas City Public Schools, Manassas Park City Schools, and Prince William County Public Schools, provide little detailed information on their arts programming at both the middle and high school levels and are therefore excluded from this analysis.

COURSE INCLUSION AND CATEGORIZATION

To determine the number of arts courses offered by each school division, Hanover counted all courses listed under the categories of "fine arts," "visual arts," "music," "theater arts," "drama," "dance," or other similar categories in each district's course catalog or Program of Studies. In addition, Hanover searched for digital- and media-related courses which align with APS' fine arts offerings, such as courses related to graphic design, film study, and television and multimedia production. **Multiple sections of the same course** (including semester- and year-long versions of the same topic) **were not listed as separate courses**

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[1] "FY 2017 WABE." Washington Area Boards of Education, October 2016.
   https://www.fcps.edu/sites/default/files/media/pdf/FY17WABEGuide_0.pdf
[2] "Virginia Department of Education: Public School Divisions by Regional Study Groups." Virginia Department of Education. http://www.peatc.org/news_uploads/88/Regions%20VDOE.pdf

unless the content or focus differed significantly across sections. Courses which include some arts or design content, but in which arts are not the primary focus of the course (such as photojournalism, yearbook, and computer software and technology courses), were excluded from this report.

To compare APS' arts courses to its peers' offerings, this report classifies arts courses into the following categories:

- **Dance**: Any dance-related class, including color guard;[3]

- **Drama**: E.g., theater arts and technical theater;

- **Media Arts**: E.g., film study, television production, and graphic design;

- **Music**: E.g. band, orchestra, chorus, ensemble, and music theory;

- **Visual arts**: E.g., studio art, drawing, painting, design, sculpture, photography, crafts, and ceramics;

- **Other:** Hanover classified APS' fine arts apprenticeship as "other" because the apprentice may focus on any arts-related topic.[4]

Because this analysis relies on information provided by school division websites, APS should note that the courses listed in this report and appendix may not be a comprehensive representation of all arts courses offered by each division, as not all school divisions may provide up-to-date information on their websites.

SUMMARY OF ARTS COURSES

OVERVIEW

Figure 1.1 on the following page provides an overview of all arts courses offered by APS and peers. As expected, larger divisions generally offer a higher number of arts courses. However, APS offers 30 more courses than Loudoun County Public Schools, a much larger division. Fairfax County Public Schools, the largest division examined, offers the highest number of arts courses (164 total courses).

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[3] APS' peer divisions generally classify color Guard as its own course, while APS includes color guard in its marching band course(s). Therefore, Hanover did not classify APS 'color guard offering as a high school dance class in calculations of the total number/types of arts courses provided by the district.

[4] "Program of Studies 2016-2017." Arlington Public Schools. http://www.apsva.us/wp-content/uploads/legacy_assets/www/60dcceddde-HS_PROGRAM_OF_STUDIES_2016-17_FINAL.pdf

Figure 1.1: Overview of APS and Peer District Arts Courses

DISTRICT	TOTAL ENROLLMENT	MIDDLE SCHOOL		HIGH SCHOOL		TOTAL # ARTS COURSES
		# OF SCHOOLS	# OF ARTS COURSES	# OF SCHOOLS	# OF ARTS COURSES	
Arlington Public Schools	**26,414**	**5**	**23**	**5**	**66**	**89**
Alexandria City Public Schools	14,729	2	17	1	42	59
Clarke County Public Schools	1,995	1	13	1	21	34
Fairfax County Public Schools	185,979	23	46	25	120	166
Frederick County Public Schools	13,100	4	16	3	21	37
Loudoun County Public Schools	76,263	15	16	15	45	61

Source: District websites,[5] email correspondence with APS,[6] and WABE[7]

Figure 1.2 below shows the distribution of arts courses at the middle school level. **Music courses are the most popular arts course offering in middle school**. Only some districts offer drama courses, and only Fairfax County Public Schools offers a middle school media arts course. APS is the only division which offers dance classes in middle school; however, this option is available at only one of APS' schools.

Figure 1.2: Arts Course Distribution by Course Type and School District – Middle School Courses

Source: Hanover analysis

Figure 1.3 below provides an overview of arts courses offered at the high school level by APS and its peers. Visual arts and music courses account for a majority of high school arts course offerings. **APS offers a notable number of drama and media arts courses compared to most other school divisions examined in this report**. Fairfax County Public Schools is the only division which offers a notable number of dance courses at the high school level.

Figure 1.4: Arts Course Distribution by Course Type and School District – High School Courses
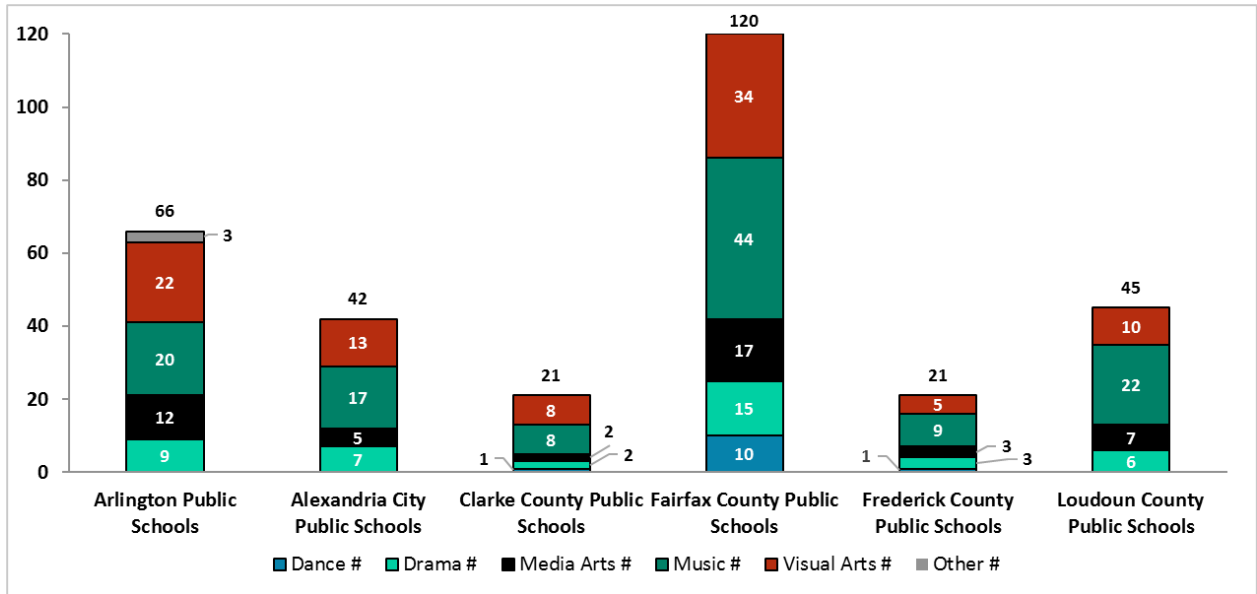
Source: Hanover analysis

ADVANCED HIGH SCHOOL COURSES

In addition to examining the overall number and type of courses offered at each district, Hanover determined the number of Advanced Placement (AP), International Baccalaureate (IB), and college dual enrollment arts courses offered by each district. Figure 1.4 on the following page displays an overview of advanced high school arts classes offered by each district. **APS, with 15 total advanced courses, offers the second-highest number of advanced courses after Fairfax, which offers 25 advanced arts courses.**

Figure 1.4: Advanced High School Arts Courses by Type[8]
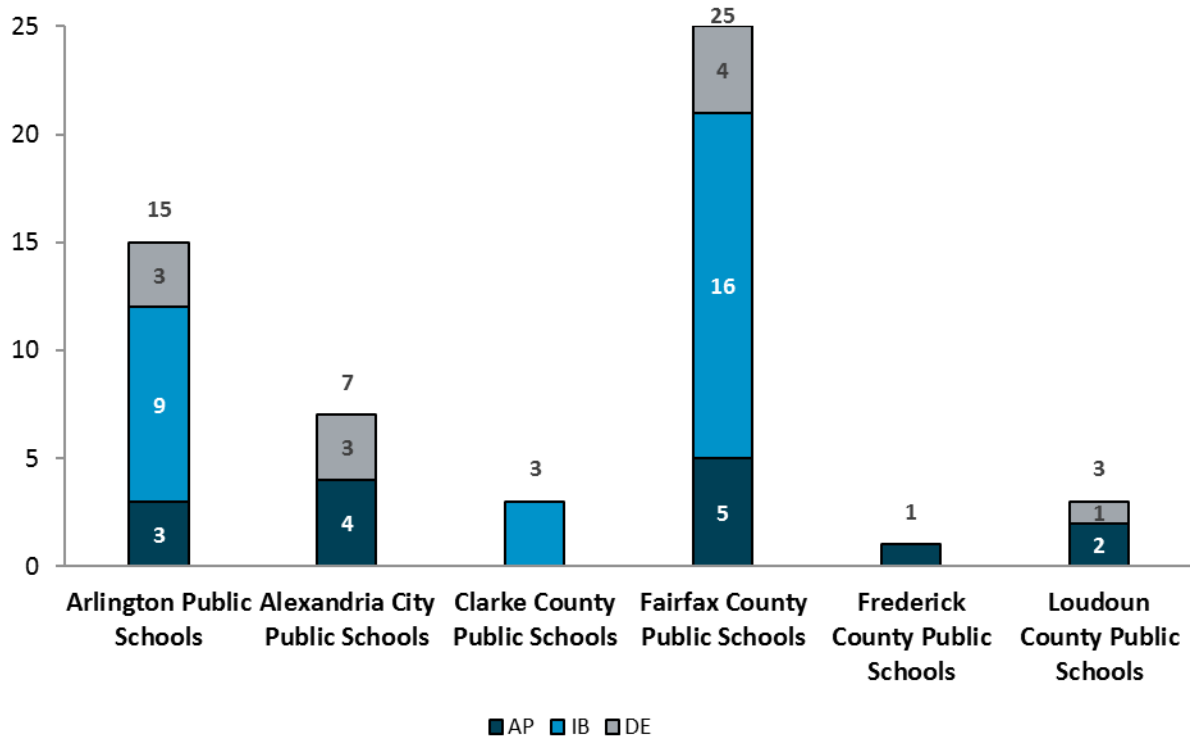
Source: Hanover analysis

COURSES NOT OFFERED BY APS

To further assist APS in identifying potential gaps in its arts course offerings, Hanover examined each arts course offered by APS' peers and determined whether APS provides a similar or equivalent course. Figure 1.6 on the following page provides an overview of peer arts courses which APS does not appear to offer (based on a review of each division's course catalog, APS' most recent Program of Studies, and the most recent APS course listing provided to Hanover).[9]

Some of APS' peer divisions offer more specialized or advanced courses than those offered by APS. For example, Fairfax offers four levels of "Technical Theater" (in addition to four levels of theater arts) in high school. Other districts offer types of music and visual arts courses not offered by APS, such as specialized ensemble courses (e.g. steel drums) or advanced design courses that address topics such as such as fabric, fashion and costume design, furniture, and interior and industrial design. Fairfax offers the widest range of arts courses due to the fact that it operates two "academies," or high school learning

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[8] Levels I and II of IB courses are counted as separate courses, even if they are intended to be taken as a two-year sequence. In addition, Standard and Higher Levels of IB courses are also counted separately.

[9] [1] "The Arlington Middle Program of Studies," Op. cit. [2] "Program of Studies 2016-2017," Op. cit. [3] "Copy of 2016-17 APS Secondary Course Enrollment," Op. cit.

communities, focused on fine arts.[10] It offers courses in several topics not taught by APS or other peers at the high school level, such as several dance courses and musical theater/acting courses.

Figure 1.6: Overview of Peer Courses Not Offered by APS

COURSE TYPE	EXAMPLES OF COURSES[11]
Middle School	
Drama	Fairfax County Public Schools offers a "Technical Theater Arts Appreciation" course for Grade 8 students
Media Arts	Fairfax County Public Schools offers a "Computers in Art" course for Grades 7-8 students
Music	▪ Basso and treble chorus classes (Fairfax) ▪ Specialized instrumental courses, such steel drums (Clarke) ▪ Non-instrumental music appreciation classes for middle school students, including (Fairfax and Loudoun) ▪ Middle school marching band (Alexandria and Clarke)
Visual Arts	▪ "3D Art Exploration" course for Grades 7-8 students (Fairfax)
High School	
Dance	▪ Fairfax offers 4 levels of dance classes for general high school students, as well as 4 levels of dance classes for students enrolled in its arts academy. ▪ Fairfax also offers "Hip Hop Dance" and "Broadway Dance"
Drama	▪ 4 levels of "Technical Theater" (Fairfax) ▪ "Dual Enrollment Theater Practicum" (Alexandria) ▪ 3 levels of "Professional Musical Theater and Actor's Studio" course (Fairfax)
Media Arts	▪ Fairfax offers 4 levels of its "Digital Art and Design" class and also offers 3 levels of "Visual Communications," a visual arts class focused on communications
Music Courses	▪ Multiple levels of the International Baccalaureate music course (Fairfax) ▪ Advanced levels of guitar (i.e. Guitar 3, Fairfax and Loudoun)
Visual Arts	▪ Printmaking (Fairfax) ▪ Design, focusing on a range of topics such as fashion and interior design (Alexandria)

Source: APS[12] and district websites[13]

The appendix to this report provides a full list of all courses offered by APS' peers, along with an indication of whether each course has a similar or equivalent course at APS.

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[10] [1] "Course Catalogs." Fairfax County Public Schools. https://www.fcps.edu/node/31232 [2] "About Us." Fairfax Academy for Communications & The Arts. http://www2.fcps.edu/FairfaxAcademy/aboutus/aboutus.html [3] "About Us." West Potomac Academy. http://www2.fcps.edu/WestPotomacAcademy/about.html

[11] See the Appendix for a comprehensive summary of peer division courses not offered by APS.

[12] [1] "Program of Studies 2016-2017," Op. cit. [2] "The Arlington Middle Program of Studies," Op. cit. [3] "Copy of 2016-17 APS Secondary Course Enrollment," Op. cit.

[13] See Section II.

APS' UNIQUE OFFERINGS

APS is the only school division to offer a fine arts apprenticeship program.[14] The program, designed for "exceptionally talented" Grades 10-12 students, allows students to enroll in three full-year, one-half credit courses related to visual arts, music, theater, or dance. Further, APS is the only division besides Fairfax to offer advanced film study courses (although these courses are available only at one school, H.B. Woodlawn).[15]

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[14] "Program of Studies 2016-2017," Op. cit., p. 25.
[15] "Program of Studies 2016-2017," Op. cit., pp. 107, 119.

SECTION II: PEER PROFILES

This section provides profiles of each peer school division's arts programs, summarizing: 1) the overall number and type of arts courses offered at each district at the middle and high school levels; 2) the number of Advanced Placement (AP), International Baccalaureate (IB), and dual enrollment courses offered; and 3) any notable or unique course offerings.

ALEXANDRIA CITY PUBLIC SCHOOLS

OVERVIEW

In FY 2016, Alexandria City Public Schools' (ACPS) total enrollment was 14,729 across 16 schools, which include two middle schools and one high school.[16] ACPS offers a total of 59 arts classes at the middle and high school levels. Seven high school courses are offered as AP, IB, or dual college enrollment courses.[17]

14,729 *Total Students*	**59** *Total Arts Courses*	**7** *Total AP, IB, and Dual Enrollment Courses*

As shown in Figure 2.1, music courses constitute the largest share of the district's arts courses, followed by visual arts courses.

Figure 2.1: Breakdown of ACPS Course Offerings

COURSE BREAKDOWN – MIDDLE SCHOOL	COURSE BREAKDOWN – HIGH SCHOOL
Visual Arts 23% — Drama 18% — Music 59%	Visual Arts 31% — Drama 17% — Music 40% — Media Arts 12%

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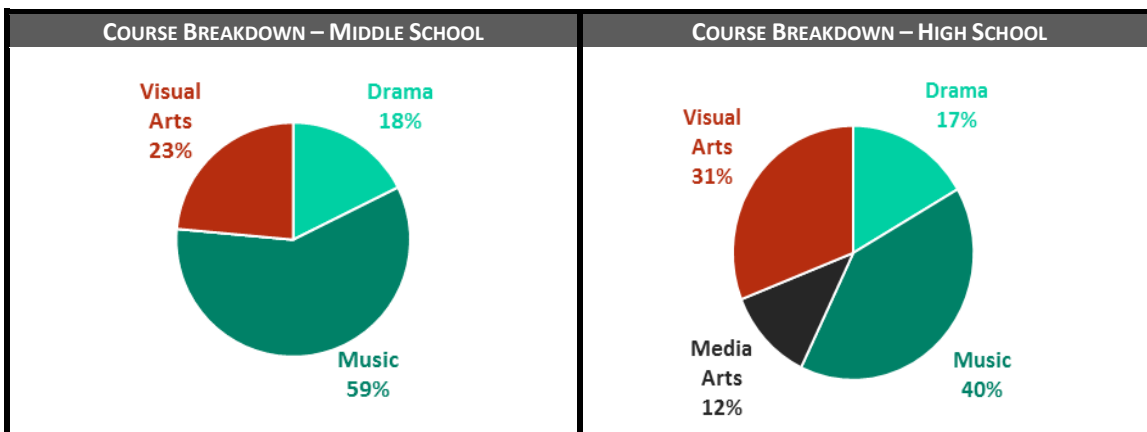
[16] "FY 2017 WABE," Op. cit., p. 5.
[17] "2017-2018 Program of Studies," Op. cit.

COURSE BREAKDOWN – MIDDLE SCHOOL			COURSE BREAKDOWN – HIGH SCHOOL		
COURSE TYPE	#	%	COURSE TYPE	#	%
Dance	-	-	Dance	-	-
Drama	3	17.6%	Drama	7	16.7%
Media Arts	0	0.0%	Media Arts	5	11.9%
Music	10	58.8%	Music	17	40.5%
Visual Arts	4	23.5%	Visual Arts	13	31.0%
Total	17	100.0%	Total	42	100.0%

Source: Hanover analysis

ACPS' major arts courses include: general theater arts and drama courses; a variety of band, orchestra, and choir offerings; graphic design and media production; and several studio and commercial art courses, as shown in Figure 2.2 below. [18]

Figure 2.2: ACPS Arts Course Topics

MIDDLE SCHOOL			
Drama	Music	Media Arts	Visual Arts
▪ Speech and Drama	▪ Band (concert, marching, symphonic) ▪ Orchestra ▪ Chorus	▪ N/A	▪ General 2-D and 3-D visual arts
HIGH SCHOOL			
Drama	Music	Media Arts	Visual Arts
▪ Theater arts (practicum), drama (3 levels), and stagecraft (2 levels)	▪ Band (concert, marching, symphonic, wind ensemble) ▪ Orchestra (strings and chamber, 3 levels) ▪ Jazz ▪ Guitar ▪ Music theory (2 levels) ▪ Chorus and choir	▪ Graphic design (2 levels) ▪ Television and media production (3 levels)	▪ General 2-D and 3-D visual arts and studio art (5 levels) ▪ Ceramics (2 levels) ▪ Design (general) ▪ Commercial photography (2 levels)

Source: ACPS[19]

From Grades 6 to 8, students must complete an equivalent of two full-year electives in each grade—full-year music courses or semester-long visual arts and speech and drama courses may meet this elective requirement.[20] In high school, all arts courses count towards elective credits.[21] To graduate, students must complete two sequential fine arts, CTE, or other

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[18] Ibid.

[19] Ibid.

[20] "Middle School - Course Selection Form - 2017-2018." Alexandria City Public Schools. https://www.acps.k12.va.us/cms/lib/VA01918616/Centricity/Domain/822/course-selection-form-middle-school.pdf

[21] "2017-2018 Program of Studies," Op. cit., p. 79.

elective courses in a core academic discipline (as required by the Virginia Department of Education).[22] Additional fees are not associated with any of the district's arts courses.[23]

AP, IB, AND DUAL ENROLLMENT COURSES

ACPS offers a total of four AP courses and three dual enrollment courses related to the arts (Figure 2.3). AP offerings include two studio art courses, a music theory course, and an art history course. Students who enroll in AP courses are required to take end-of-course AP exams, the cost of which is paid by ACPS.[24] ACPS dual enrollment courses include a theater practicum (in which students participate in the preparation and execution of a play or performance festival) and two television and media production courses. Dual enrollment courses are offered through the Northern Virginia Community College.[25]

Figure 2.3: AP and Dual Enrollment Courses Offered by ACPS

Advanced Placement	Dual Enrollment

• **Music**
   • AP Music Theory, for Grades 10-12 students
 • **Visual Arts**
   • AP Art History, Grades 10-12 students
   • AP Studio Art: 3-D Design, Grades 11-12 students
   • AP Studio Art: Drawing, Grades 11-12 students
	• **Drama**
	   • Dual Enrollment Theater Practicum
	 • **Media Arts**
	   • Dual Enrollment Television and Media Production II
	   • Dual Enrollment TV Production and Screenwriting III

Source: ACPS[26]

OTHER NOTABLE COURSE OFFERINGS

ACPS appears to be the only peer division which offers courses focusing on commercial art (although APS does offer media arts courses through its CTE Program). The division offers two high school photography courses—Commercial Photography I and II—designed to give students "an advantage in today's global, multimedia society" by teaching them "industry-relevant skills" related to film and digital photography. In the second course, students develop portfolios designed to help them advance in photography-relevant careers.[27]

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[22] [1] Ibid., pp. 8–9. [2] "Graduation Requirements - Standard Diploma: Minimum Course & Credit Requirements." Virginia Department of Education. http://www.doe.virginia.gov/instruction/graduation/standard.shtml [3] "Graduation Requirements - Advanced Studies Diploma: Minimum Course & Credit Requirements." Virginia Department of Education. http://www.doe.virginia.gov/instruction/graduation/advanced_studies.shtml

[23] "2017-2018 Program of Studies," Op. cit.

[24] Ibid., p. 82.

[25] Ibid., p. 27.

[26] "2017-2018 Program of Studies," Op. cit.

[27] Ibid., p. 73.

CLARKE COUNTY PUBLIC SCHOOLS

OVERVIEW

Clarke County Public Schools (CCPS), a small school division based in Berryville, Virginia, consists of two elementary schools, one middle school, and one high school.[28] The district had a total of 1,995 students in the 2014-15 school year.[29] CCPS has the lowest number of arts courses of those profiled in this report, with just 34 total courses.[30]

1,995	**34**	**3**
Total Students	*Total Arts Courses*	*Total AP, IB, and Dual Enrollment Courses*

As shown in Figure 2.4, most of CCPS' arts courses are related to music and visual arts.

Figure 2.4: Breakdown of CCPS Course Offerings

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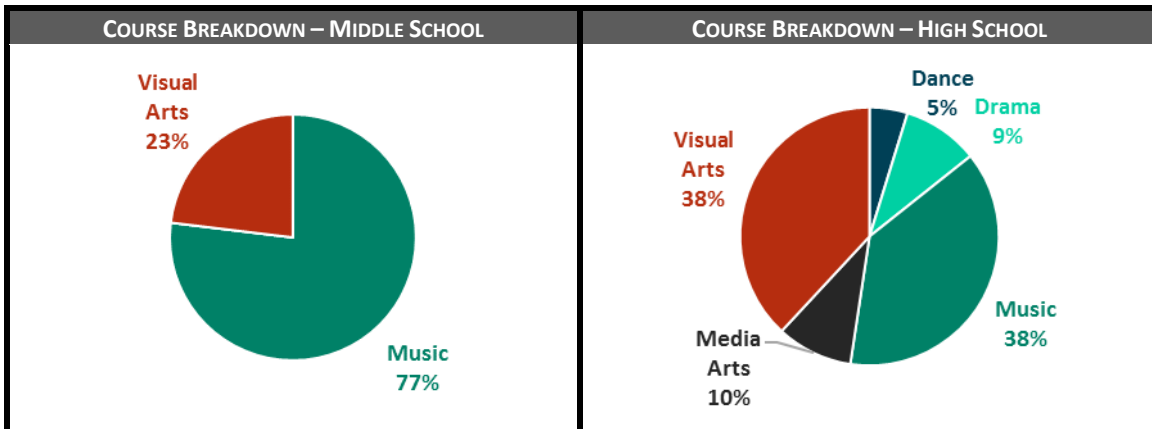
[28] "Our District." Clarke County Public Schools. http://www.clarke.k12.va.us/our-district

[29] "Search for Public School Districts - Clarke Co Pblc Schs." National Center for Education Statistics. https://nces.ed.gov/ccd/districtsearch/district_detail.asp?Search=1%20&details=1&InstName=clarke&State=51&DistrictType=1&DistrictType=2&DistrictType=3&DistrictType=4&DistrictType=5&DistrictType=6&DistrictType=7&DistrictType=8&NumOfStudentsRange=more&NumOfSchoolsRange=more&ID2=5100870

[30] [1] "Program of Studies Grade 6 - Johnson-Williams Middle School." Clarke County Public Schools, 2017. https://drive.google.com/file/d/0B8xwYY4B9zc4YlkxOTg2UzBnTGtvYjV2eEpPM2xycE9KXzJZ/view [2] "Program of Studies Grade 8 - Johnson-Williams Middle School." Clarke County Public Schools, 2017. https://drive.google.com/file/d/0B8xwYY4B9zc4VlFxcEY4V1NUVF9CZmdwQzJIdHdtSzM3RzJv/view [3] "Program of Studies Grade 7 - Johnson-Williams Middle School." Clarke County Public Schools, 2017. p. 7. https://drive.google.com/file/d/0B8xwYY4B9zc4RjRueDBGNkdpS3VXaWNyZzBhMDZHb3U2dk9J/view [4] "Fine Arts." Clarke County Public Schools, 2017. https://sites.google.com/a/clarke.k12.va.us/clarke-county-high-school/academics-1/program-of-studies/finearts [5] "Career and Technical Education." Clarke County Public Schools, 2017. https://sites.google.com/a/clarke.k12.va.us/clarke-county-high-school/academics-1/program-of-studies/cte

COURSE BREAKDOWN – MIDDLE SCHOOL			COURSE BREAKDOWN – HIGH SCHOOL		
COURSE TYPE	#	%	COURSE TYPE	#	%
Dance	0	-	Dance	1	4.8%
Drama	0	-	Drama	2	9.5%
Media Arts	0	-	Media Arts	2	9.5%
Music	10	76.9%	Music	8	38.1%
Visual Arts	3	23.1%	Visual Arts	8	38.1%
Total	13	100.0%	Total	21	100.0%

Source: Hanover analysis

Figure 2.5 below provides an overview of arts-related topics offered at the middle and high school levels. Additional fees are required for all high school visual arts courses.[31] At the middle school level, students enroll in two full-year electives in each grade from Grades 6 to 8. Students may choose from courses such as concert band and chorus (Grades 6-8), jazz band (Grades 7-8), marching band (Grade 8), and an "exploratory" course which consists of 12-week rotations related to visual arts (Grades 6-8) and graphic arts (Grade 8). [32]

In high school, students may enroll in a variety of arts courses to meet the elective requirements needed for graduation. High school-level arts topics include theater arts; band, percussion, music theory, and choir; multimedia design; and studio art, ceramics, and photography. The division's one dance-related course is color guard.[33]

Figure 2.5: CCPS Arts Course Topics

MIDDLE SCHOOL				
Dance	Drama	Music	Media Arts	Visual Arts
N/A	N/A	▪ Introduction to instrumental music ▪ Band (concert, jazz, marching)	N/A	▪ General and graphic arts education

HIGH SCHOOL				
Dance	Drama	Music	Media Arts	Visual Arts
▪ Color guard	▪ Theater arts (2 levels)	▪ Band (marching, jazz, percussion, steel drum) ▪ Music theory (2 levels) ▪ Choir (chamber and concert)	▪ Multimedia and web design (2 levels)	▪ General 2-D and 3-D visual arts and studio art (5 levels) ▪ Ceramics ▪ Photography (2 levels)

Source: CCPS[34]

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[31] "Fine Arts," Op. cit.

[32] [1] "Program of Studies Grade 6 - Johnson-Williams Middle School," Op. cit. [2] "Program of Studies Grade 7 - Johnson-Williams Middle School," Op. cit. [3] "Program of Studies Grade 8 - Johnson-Williams Middle School," Op. cit.

[33] [1] "Fine Arts," Op. cit. [2] "Career and Technical Education," Op. cit. [3] "Graduation Requirements." Clarke County Public Schools. https://sites.google.com/a/clarke.k12.va.us/clarke-county-high-school/academics-1/program-of-studies/requirements

[34] [1] "Program of Studies Grade 6 - Johnson-Williams Middle School," Op. cit. [2] "Program of Studies Grade 8 - Johnson-Williams Middle School," Op. cit. [3] "Program of Studies Grade 7 - Johnson-Williams Middle School," Op. cit., p. 7. [4] "Fine Arts," Op. cit. [5] "Career and Technical Education," Op. cit.

AP, IB, AND DUAL ENROLLMENT COURSES

CCPS offers just three IB courses, as shown in Figure 2.6: Visual Arts I and II and Music Theory. The visual arts courses are intended to be taken together as a two-year course—both years must be completed in order for students to be assessed by external IB examiners. [35]

Figure 2.6: IB Courses Offered by CCPS

IB Visual Arts I Standard Level, Grades 11-12	IB Visual Arts II Higher Level, Grade 12	IB Music Theory Standard Level, Grades 11-12
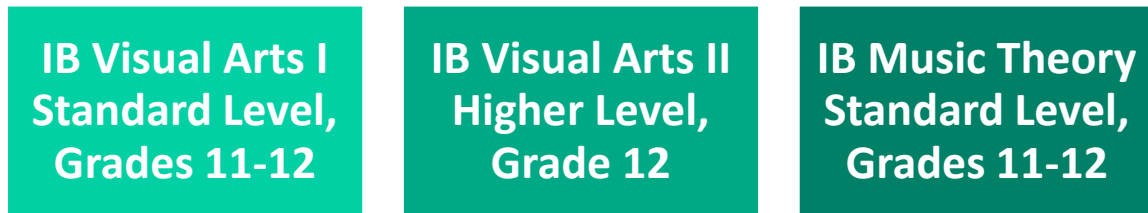
Source: CCPS[36]

The division does not offer any AP or dual enrollment arts courses.

OTHER NOTABLE COURSE OFFERINGS

CCPS is the only division which offers a course specifically devoted to steel drums. The Steel Drum Ensemble course, available to all Grades 9-12 students, helps students "develop their ability to read and play music" on steel drums.[37]

FAIRFAX COUNTY PUBLIC SCHOOLS

OVERVIEW

With a total student enrollment of 185,979 across 198 schools, Fairfax County Public Schools (Fairfax) is the largest peer school division examined in this report.[38] It also has the largest number of distinct arts courses, with approximately 166 courses offered at its 23 middle schools and 25 high schools.[39] Fairfax offers a wider array of arts courses than other districts profiled in this report primarily due to its size and the presence of "academy" high schools, or small learning communities designed for students interested in careers in fine and performing arts, design, and communications. [40]

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[35] "Fine Arts," Op. cit.

[36] [1] Ibid. [2] "Career and Technical Education," Op. cit.

[37] "Fine Arts," Op. cit.

[38] "FY 2017 WABE," Op. cit., p. 8.

[39] [1] "Course Catalogs," Op. cit. [2] "Middle School Fine Arts." Fairfax County Public Schools. https://www.fcps.edu/academics/middle-school-academics-7-8/fine-arts [3] "High School Fine Arts." Fairfax County Public Schools. https://www.fcps.edu/academics/high-school-academics-9-12/fine-arts

[40] [1] "Course Catalogs," Op. cit. [2] "About Us," Op. cit. [3] "About Us," Op. cit.

185,979	166	25
Total Students	*Total Arts Courses*	*Total AP, IB, and Dual Enrollment Courses*

As shown in Figure 2.7, music courses account for the majority of course offerings at the middle school level (78 percent), but comprise just 37 percent of offerings at the high school level.

Figure 2.7: Breakdown of Fairfax Course Offerings

COURSE TYPE	#	%	COURSE TYPE	#	%
Dance	0	-	**Dance**	10	8.3%
Drama	5	10.9%	**Drama**	15	12.5%
Media Arts	1	2.2%	**Media Arts**	17	14.2%
Music	36	78.3%	**Music**	44	36.7%
Visual Arts	4	8.7%	**Visual Arts**	34	28.3%
Total	**46**	**100.0%**	**Total**	**118**	**100.0%**
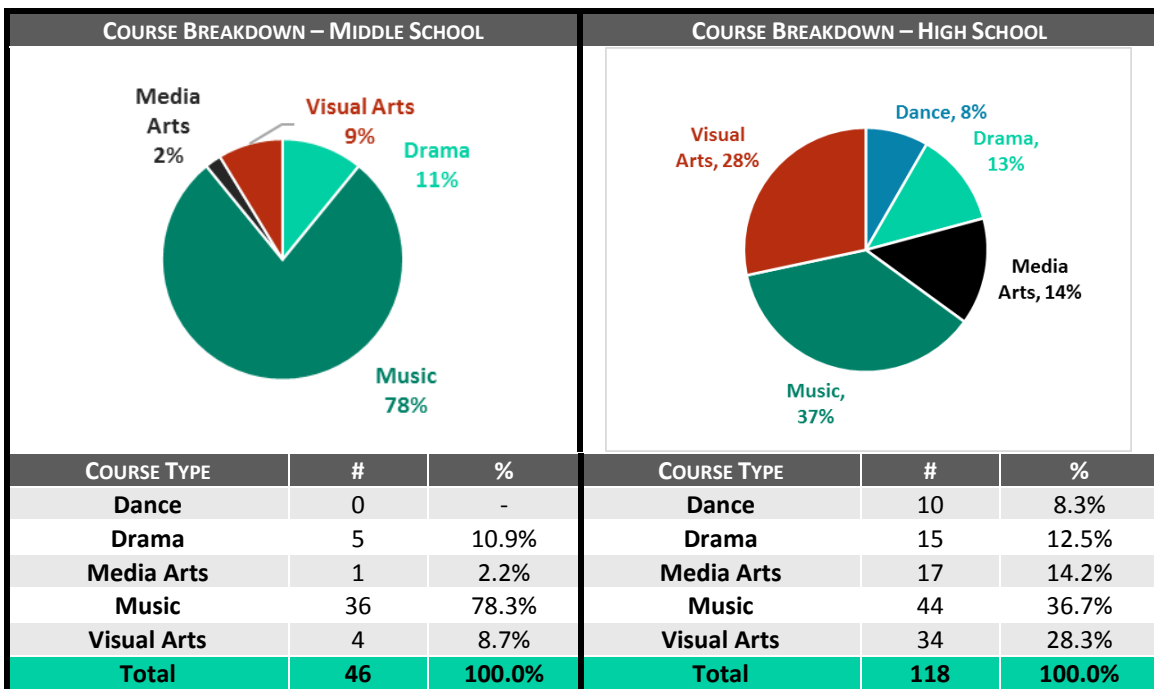
Source: Hanover analysis

Fairfax offers a wide range of arts classes at both the middle and high school levels, including multiple dance courses at the high school level and multiple levels of theater arts, musical instrument, and studio art classes (Figure 2.8). Students may receive elective credit for fine arts courses in both middle and high school. Most arts courses (including theater arts) require an additional fee. Some courses (such as certain dance, acting, and music composition courses) are offered only at "academy" high schools. [41]

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[41] [1] "Course Catalogs," Op. cit. [2] "About Us," Op. cit. [3] "About Us," Op. cit.

Figure 2.8: Fairfax Arts Course Topics

MIDDLE SCHOOL				
Dance	**Drama**	**Music**	**Media Arts**	**Visual Arts**
N/A	▪ Speech and theater arts appreciation (2 levels) ▪ Technical theater arts	▪ General music and music participation lab (3 levels) ▪ Band (3 levels) ▪ Orchestra (3 levels) ▪ Chorus and vocal ensemble (including mixed, treble, basso, and 3 levels of general chorus) ▪ Guitar (2 levels) ▪ Guitar ensemble (2 levels) ▪ Piano lab (2 levels) ▪ Various ensemble courses – string, brass, percussion, and woodwind ▪ Jazz ensemble ▪ Jazz choir ▪ Show/swing choir	▪ Computers in art	▪ General art foundations ▪ 3-D art

HIGH SCHOOL				
Dance	**Drama**	**Music**	**Media Arts**	**Visual Arts**
▪ Dance (4 levels) ▪ **Academy dance (4 levels)** ▪ **Hip-hop dance** ▪ **Broadway dance**	▪ Theater arts (4 levels and IB courses) ▪ Technical theater (4 levels) ▪ **Actor's studio (3 levels)**	▪ Band (3 levels) ▪ Various ensemble courses – string, percussion, brass, and woodwind ▪ Jazz ensemble and jazz combo ▪ Chorus and vocal ensemble (3 levels of mixed chorus, treble chorus, and basso chorus) ▪ Jazz choir ▪ Show/swing choir ▪ Music sampler ▪ **Music and computer technology (2 levels)** ▪ Music theory (2 levels) and IB music ▪ Guitar (3 levels) ▪ Guitar ensemble (3 levels) ▪ Piano lab (3 levels)	▪ Visual communications (3 levels) ▪ Digital art and design (4 levels) ▪ Film study (3 levels) ▪ **Professional television production (3 levels)** ▪ Animation	▪ Studio art and design (2-D and 3-D, 4 levels plus AP and IB classes) ▪ Printmaking ▪ Drawing ▪ Painting ▪ Photography (4 levels) ▪ **Professional photography (2 levels)** ▪ Sculpture (2 levels) ▪ Ceramics (2 levels) ▪ Jewelry ▪ Art history

Bolded courses indicate those only offered at Fairfax's academy high schools.
Source: Fairfax[42]

AP, IB, AND DUAL ENROLLMENT COURSES

Fairfax offers the highest number of advanced high school arts courses among the divisions profiled in this report, with five AP courses, 16 IB courses, and four dual enrollment courses

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[42] [1] "Course Catalogs," Op. cit. [2] "Middle School Fine Arts," Op. cit. [3] "High School Fine Arts," Op. cit.

(Figure 2.9). AP courses include AP Music Theory, AP Art History, and three AP Studio Art courses (drawing, 2-D, and 3-D design). In terms of IB courses, Fairfax offers two-year standard level and higher level courses in music, theater arts, and film study. Finally, Fairfax's dual enrollment courses include Music and Computer Technology I and II, Studio Art and Design, and Ceramics, all offered through Northern Virginia Community College. [43]

Figure 2.9: AP, IB, and Dual Enrollment Courses Offered by Fairfax

Advanced Placement	IB	Dual Enrollment
•**Music**	•**Music**	•**Music**
•AP Music Theory, Grades 10-12 students	•IB Music I and II Standard and Higher Levels, for Grades 11-12 students	•Music and Computer Technology I and II
•**Visual Arts**	•**Drama**	•**Visual Arts**
•AP Studio Art: Drawing, Grades 11-12 students	•IB Theater Arts I and II Standard and Higher Levels, for Grades 11-12 students	•Studio Art and Design 4, for Grade 12 students
•AP Studio Art: 2-D Design, Grades 11-12 students	•**Media Arts**	•Ceramics 2, for Grades 11-12 students
•AP Studio Art: 3-D Design, Grades 11-12 students	•IB Film Study I and II Standard and Higher Levels, for Grades 11-12 students	
•AP Art History, Grades 10-12 students	•Visual Arts	
	•IB Visual Arts I and II Standard and Higher Levels, for Grades 11-12 students	

Source: Fairfax[44]

OTHER NOTABLE COURSE OFFERINGS

Fairfax is the only peer division profiled in this report to offer courses related to jewelry making and print-making.[45] In addition, it offers a much wider range of dance and acting classes than other divisions examined by Hanover. [46]

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[43] [1] "Course Catalogs," Op. cit. [2] "Middle School Fine Arts," Op. cit. [3] "High School Fine Arts," Op. cit.
[44] [1] "Course Catalogs," Op. cit. [2] "Middle School Fine Arts," Op. cit. [3] "High School Fine Arts," Op. cit.
[45] Although none of APS' other peers offer these subjects, APS does offer jewelry making and film study courses.
[46] [1] "Course Catalogs," Op. cit. [2] "Middle School Fine Arts," Op. cit. [3] "High School Fine Arts," Op. cit.

FREDERICK COUNTY PUBLIC SCHOOLS

OVERVIEW

Frederick County Public Schools (Frederick), based in Winchester, Virginia, is home to more than 13,100 students and 23 schools, including four middle schools and three high schools.[47] Although the division has a much higher enrollment than CCPS, it offers a total of 37 distinct arts courses, just three more than CCPS.[48]

13,100	**37**	**1**
Total Students	*Total Arts Courses*	*Total AP, IB, and Dual Enrollment Courses*

As shown in Figure 2.10 on the following page, music courses comprise 63 percent of the district's arts offerings at the middle school level and 43 percent of offerings at the high school level. Visual arts courses are the next most popular type of arts course.

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[47] "About the Division." Frederick County Public Schools.
   http://www.frederick.k12.va.us/cms/One.aspx?portalId=135936&pageId=586542
[48] [1] "Visual Arts." Frederick County Public Schools.
   http://www.frederick.k12.va.us/cms/one.aspx?portalId=135936&pageId=3542534
[2] "Music." Frederick County Public Schools.
   http://www.frederick.k12.va.us/cms/one.aspx?portalId=135936&pageId=3542528
[3] "Technology Education - CTE." Frederick County Public Schools.
   http://www.frederick.k12.va.us/cms/one.aspx?portalId=135936&pageId=3542533
[4] "English Elective Course Offerings." Frederick County Public Schools.
   http://www.frederick.k12.va.us/cms/one.aspx?portalId=135936&pageId=3542521
[5] "Seventh Grade Full-Year Electives." Frederick County Public Schools.
   http://www.frederick.k12.va.us/cms/one.aspx?portalId=135936&pageId=3542572
[6] "Seventh Grade Half-Year Electives." Frederick County Public Schools.
   http://www.frederick.k12.va.us/cms/one.aspx?portalId=135936&pageId=3542573
[7] "Eighth Grade Half-Year Electives." Frederick County Public Schools.
   http://www.frederick.k12.va.us/cms/one.aspx?portalId=135936&pageId=3542576
[8] "Eighth Grade Full-Year Electives." Frederick County Public Schools.
   http://www.frederick.k12.va.us/cms/one.aspx?portalId=135936&pageId=3542575
[9] "The 6th Grade Program." Frederick County Public Schools.
   http://www.frederick.k12.va.us/cms/one.aspx?portalId=135936&pageId=3542570

Figure 2.10: Breakdown of Frederick Course Offerings

COURSE BREAKDOWN – MIDDLE SCHOOL			COURSE BREAKDOWN – HIGH SCHOOL		
Visual Arts 31% — Drama 6% — Music 63%			Visual Arts 24% — Dance 5% — Drama 14% — Media Arts 14% — Music 43%		
COURSE TYPE	**#**	**%**	**COURSE TYPE**	**#**	**%**
Dance	0	-	**Dance**	1	4.8%
Drama	1	6.3%	**Drama**	3	14.3%
Media Arts	0	-	**Media Arts**	3	14.3%
Music	10	62.5%	**Music**	9	42.9%
Visual Arts	5	31.3%	**Visual Arts**	5	23.8%
Total	**16**	**100.0%**	**Total**	**21**	**100.0%**
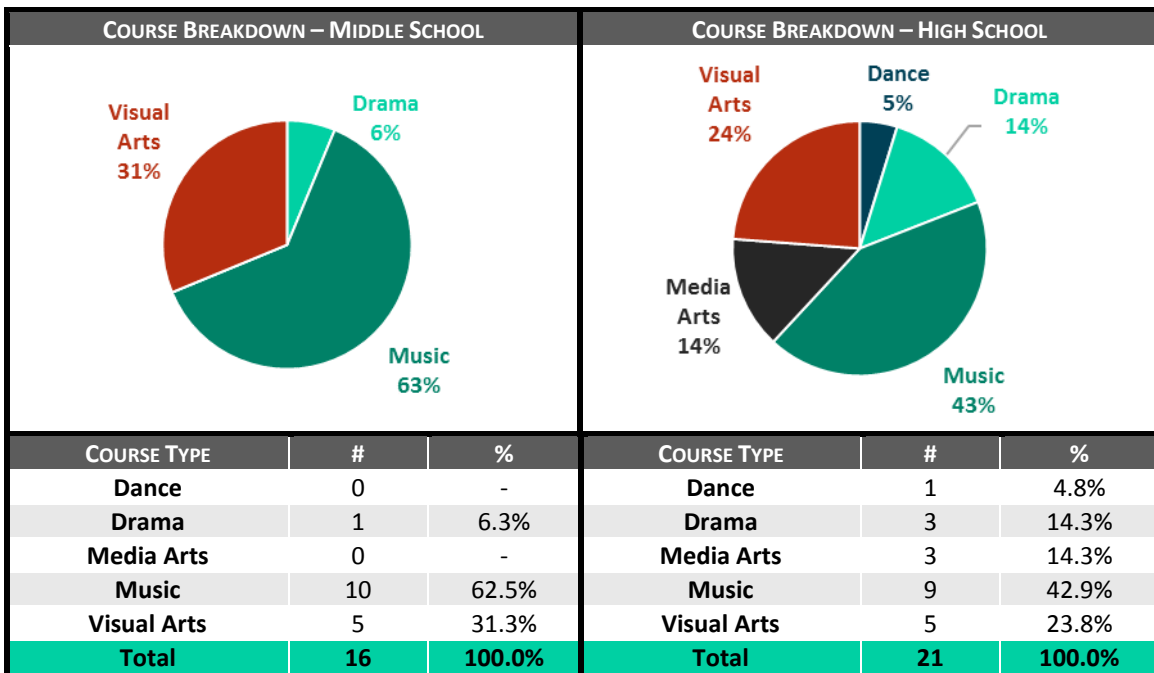
Source: Hanover analysis

Figure 2.11 on the following page shows the major topics covered by Frederick's arts courses. In Grade 6, students may enroll in up to six "exploratory" courses, which include a general music course, a general visual arts course, and a chorus course.[49] In Grades 7 and 8, students select two periods of either semester- or year-long electives, which include several band and chorus courses, jazz ensemble, percussion ensemble, a drama and oral interpretation course, and a general visual arts course.[50]

In high school, students may choose from several arts-related electives to meet graduation requirements related to fine arts/CTE. High school arts courses include: color guard; drama (housed by the English department); music courses including chorus, choir, band, jazz ensemble, and AP Music Theory/History; several media arts courses (housed by the Technology Education department); and several drawing, painting, and design, courses. Additional fees are required for high school music classes and both middle and high school visual arts classes.[51]

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[49] [1] "The 6th Grade Program," Op. cit. [2] "Middle School Program of Studies." Frederick County Public Schools. http://www.frederick.k12.va.us/cms/One.aspx?portalId=135936&pageId=3542564

[50] [1] "Middle School Program of Studies," Op. cit. [2] "Seventh Grade Full-Year Electives," Op. cit. [3] "Seventh Grade Half-Year Electives," Op. cit. [4] "Eighth Grade Half-Year Electives," Op. cit. [5] "Eighth Grade Full-Year Electives," Op. cit.

[51] [1] "Visual Arts," Op. cit. [2] "Music," Op. cit. [3] "Technology Education - CTE," Op. cit. [4] "English Elective Course Offerings," Op. cit.

Figure 2.11: Frederick Arts Course Topics

MIDDLE SCHOOL				
Dance	**Drama**	**Music**	**Media Arts**	**Visual Arts**
N/A	▪ Drama and oral interpretation	▪ Music (general) ▪ Band (concert and symphonic, 2 levels) ▪ Jazz ensemble ▪ Percussion ensemble ▪ Chorus (3 levels)	N/A	▪ General visual arts and studio arts (2 levels; 4 courses available, one track for gifted and one track for non-gifted students)
HIGH SCHOOL				
Dance	**Drama**	**Music**	**Media Arts**	**Visual Arts**
▪ Color Guard	▪ General drama (3 levels)	▪ Chorus and choir (including treble ensemble) ▪ Instrumental ensemble ▪ Band (symphonic and concert/marching) ▪ Jazz ensemble ▪ Music theory (1 level)	▪ Graphic communications ▪ Imaging technology ▪ Digital visualization	▪ Drawing (2 levels) ▪ Arts and design (2 levels) ▪ Painting (2 levels)

Source: Frederick[52]

AP, IB, AND DUAL ENROLLMENT COURSES

Among the divisions profiled in this report, Frederick offers the lowest number of advanced high school arts courses, offering just one AP course—**AP Music Theory/History**. Frederick does not provide an introductory music theory course; rather, students with at least three years of music experience may receive a teacher recommendation to participate in the AP course.[53]

OTHER NOTABLE COURSE OFFERINGS

Unlike other divisions profiled in this report, Frederick does *not* appear to offer any visual arts classes related to 3-D design, sculpture, or ceramics.

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[52] [1] "Visual Arts," Op. cit. [2] "Music," Op. cit. [3] "Technology Education - CTE," Op. cit. [4] "English Elective Course Offerings," Op. cit. [5] "Seventh Grade Full-Year Electives," Op. cit. [6] "Seventh Grade Half-Year Electives," Op. cit. [7] "Eighth Grade Half-Year Electives," Op. cit. [8] "Eighth Grade Full-Year Electives," Op. cit. [9] "The 6th Grade Program," Op. cit.

[53] "Music," Op. cit.

LOUDON COUNTY PUBLIC SCHOOLS

OVERVIEW

Loudoun County Public Schools (LCPS) is based in Ashburn, Virginia and is the third-largest public school division in the state.[54] In 2016, a total of 76,263 students were enrolled in the district's 89 schools, which include 15 middle schools and 15 high schools.[55] The division offers a total of 61 distinct arts courses.[56]

76,263	61	3
Total Students	Total Arts Courses	Total AP, IB, and Dual Enrollment Courses

Like other divisions examined in this report, music courses account for a majority of LCPS' arts offerings, followed by visual arts courses (Figure 2.12).

Figure 2.12: Breakdown of LCPS Course Offerings

COURSE TYPE	#	%
Dance	0	-
Drama	0	-
Music	13	81.3%
Media Arts	0	-
Visual Arts	3	18.8%
Total	16	100.0%

COURSE TYPE	#	%
Dance	0	-
Drama	6	13.3%
Music	22	48.9%
Media Arts	7	15.6%
Visual Arts	10	22.2%
Total	45	100.0%
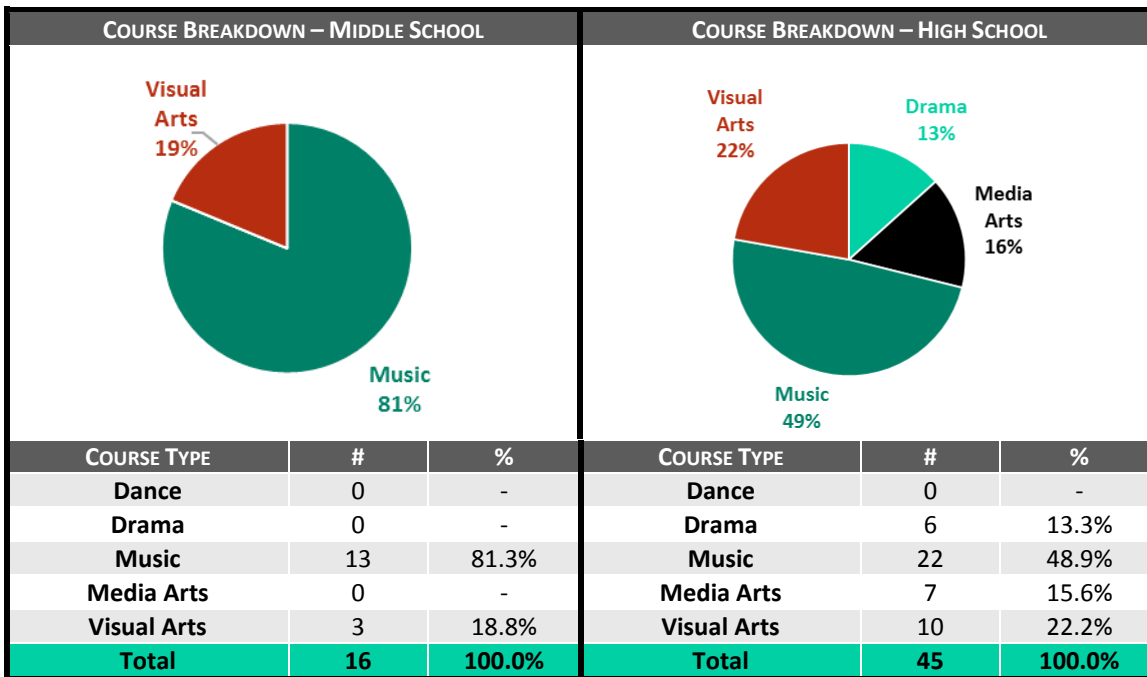
Source: Hanover analysis

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[54] "About." Loudoun County Public Schools. https://www.lcps.org/page/8

[55] "FY 2017 WABE," Op. cit., p. 10.

[56] [1] "Program of Studies - High School - Academic Year 2017-2018." Loudoun County Public Schools. https://www.lcps.org/cms/lib/VA01000195/Centricity/Domain/11643/2017%20HS%20PoS%20Final.pdf [2] "Program of Studies - Middle School - Academic Year 2017-2018." Loudoun County Public Schools. https://www.lcps.org/cms/lib/VA01000195/Centricity/Domain/19433/2017%20MS%20PoS.pdf

As shown in Figure 2.13, LCPS offers a wide range of arts-related courses, including: guitar, strings, and band; music theory; several theater arts and technical theater courses; courses in television production and digital moviemaking; and several studio art and art history courses. Additional fees are not required for arts courses.[57]

Figure 2.13: LCPS Arts Course Topics

MIDDLE SCHOOL			
Drama	**Music**	**Media Arts**	**Visual Arts**
N/A	▪ Chorus (3 levels) ▪ Strings (3 levels) ▪ Band (3 levels) ▪ Guitar (2 levels)	N/A	▪ General visual and studio arts (1 course per grade level)
HIGH SCHOOL			
Drama	**Music**	**Media Arts**	**Visual Arts**
▪ Theater arts (4 levels) ▪ Technical theater (2 levels)	▪ Music appreciation ▪ Music theory (2 levels) ▪ Instrumental methods ▪ Performance ensemble (2 levels) ▪ Orchestra (4 levels) ▪ Jazz ensemble ▪ Guitar (4 levels) ▪ Chorus (mixed and single gender)	▪ Graphic design ▪ Computer and digital animation (2 levels) ▪ Graphic communications (2 levels) ▪ Television production and digital moviemaking (2 levels)	▪ General studio art (5 levels) ▪ Art history (2 levels) ▪ Drawing and painting ▪ Photography ▪ Sculpture

Source: LCPS[58]

Unlike most divisions profiled in this report, **LCPS requires all Grade 6 students to take a visual arts course** (Art 6) and a **music elective** (chorus, music lab, strings, or band).[59] Grade 7 students must take one arts elective (either visual arts or music), and Grade 8 students must take two electives in any non-core subject, which may include visual arts or music.[60] In high school, LCPS students may choose from the above courses to meet the fine arts/CTE elective requirements needed for graduation.[61]

AP, IB, AND DUAL ENROLLMENT COURSES

LCPS offers one dual enrollment course and two AP courses in arts-related topics, as shown in Figure 2.14. The district's AP offerings are AP Music Theory and AP Studio Art. In AP

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[57] [1] "Program of Studies - High School - Academic Year 2017-2018," Op. cit. [2] "Program of Studies - Middle School - Academic Year 2017-2018," Op. cit.

[58] "Program of Studies - High School - Academic Year 2017-2018," Op. cit. [2] "Program of Studies - Middle School - Academic Year 2017-2018," Op. cit.

[59] "Program of Studies - Middle School - Academic Year 2017-2018," Op. cit., pp. 10–12.

[60] Ibid., pp. 12, 16.

[61] "Program of Studies - High School - Academic Year 2017-2018," Op. cit., p. 6.

Studio Art, students may choose to focus on drawing, 2-D design, or 3-D design.[62] The dual enrollment course, offered through Northern Virginia Community College, is Computer and Digital Animation I, an "introductory course in digital content creation and animation."[63]

Figure 2.14: AP and Dual Enrollment Courses Offered by LCPS

Advanced Placement	Dual Enrollment
• **Music** • AP Music Theory, for Grades 9-12 students • **Visual Arts** • AP Studio Art, for Grade 12 students	• **Media Arts** • Computer & Digital Animation I, for Grades 11-12 students

Source: LCPS[64]

OTHER NOTABLE COURSE OFFERINGS

LCPS offers a wider range of course levels than most other divisions profiled in this report, offering four or more levels of orchestra, guitar, theater arts, and studio art, and two or more levels of art history, technical theater, and music theory.[65] However, unlike some of the other large divisions examined, LCPS does not offer any IB courses.

ARLINGTON PUBLIC SCHOOLS

OVERVIEW

APS' approximate current enrollment is 26,414 according to the district's "Quick Facts" factsheet.[66] Hanover counted a total of 89 arts courses offered in the district's middle and high schools, including 15 AP, IB, and dual enrollment courses.[67]

26,414	89	15
Total Students	Total Arts Courses	Total AP, IB, and Dual Enrollment Courses

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[62] Ibid., p. 14.

[63] Ibid., p. 57.

[64] [1] "Program of Studies - High School - Academic Year 2017-2018," Op. cit. [2] "Program of Studies - Middle School - Academic Year 2017-2018," Op. cit.

[65] "Program of Studies - High School - Academic Year 2017-2018," Op. cit.

[66] "APS Quick Facts," Op. cit.

[67] [1] "Program of Studies 2016-2017," Op. cit. [2] "The Arlington Middle Program of Studies," Op. cit. [3] "The Arlington High School Program of Studies." Arlington Public Schools. http://www.apsva.us/wp-content/uploads/legacy_assets/www/60dcceddde-HS_PROGRAM_OF_STUDIES_2016-17_FINAL.pdf

Figure 2.15 below provides an overview of APS' arts course offerings. Music courses account for a majority of arts courses in middle school (57 percent). At the high school level, arts courses primarily consist of visual arts (32 percent), music (29 percent), and media arts (21 percent).

Figure 2.15: Breakdown of APS Course Offerings

COURSE TYPE	#	%	COURSE TYPE	#	%
Dance	3	13.0%	Dance	0	0.0%
Drama	3	13.0%	Drama	9	13.6%
Media Arts[68]	0	0.0%	Media Arts	12	18.2%
Music	13	56.5%	Music	20	30.3%
Visual Arts	4	17.4%	Visual Arts	22	33.3%
Other	-	-	Other	3	4.5%
Total	23	100.0%	Total	66	100.0%
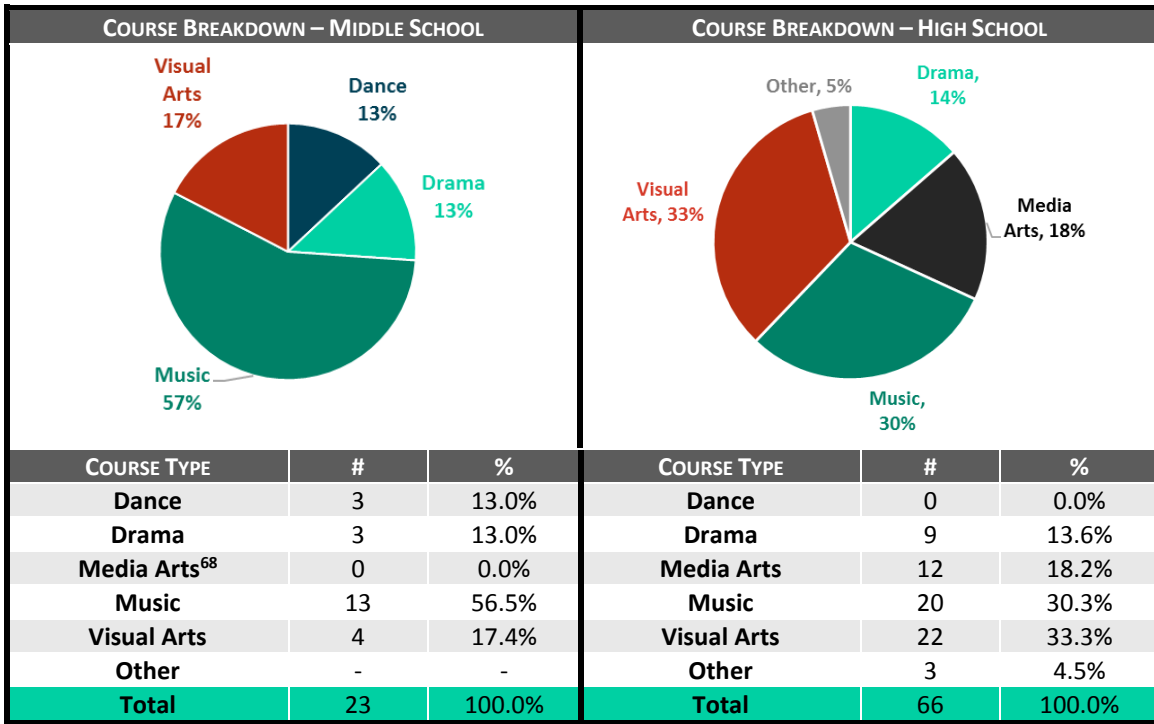
Source: Hanover analysis

As shown in Figure 2.16 on the following page, APS' arts courses encompass a range of topics at the middle and high school levels. In addition to general band, orchestra, and chorus classes at the middle school level, APS also offers courses in jazz, piano, and guitar. At the high school level, APS offers courses in general theater arts as well as in technical theater and directing; a range of music courses, including guitar, jazz vocal and instrumental courses, and song writing and music theory; various media arts courses, including film study, graphic communication, photo and video technology; and television and multimedia production; and a number of visual arts courses, including digital photography, ceramics, crafts, and sculpture.

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[68] Although APS does not offer stand-alone media arts courses in middle school, media arts are embedded into visual arts classes.

Figure 2.16: APS Arts Course Topics

MIDDLE SCHOOL				
Dance	**Drama**	**Music**	**Media Arts**	**Visual Arts**
▪ Dance (3 levels)[69]	▪ Theater Arts (3 levels)	▪ Band (3 levels) ▪ Orchestra (3 levels) ▪ Chorus (3 levels) ▪ Jazz band (1 level) ▪ Beginning Piano ▪ Guitar (1 level)	N/A	▪ Visual arts (4 courses)
HIGH SCHOOL				
Dance	**Drama**	**Music**	**Media Arts**	**Visual Arts**
N/A	▪ Theater Arts (4 standard and 2 IB courses) ▪ Technical Theater (1 level) ▪ Directing (1 level)	▪ Band (3 levels) ▪ Orchestra (2 levels) ▪ Choir (5 courses) ▪ Instrumental and Ensembles (2 courses) ▪ Jazz (vocal and instrumental) ▪ Guitar (2 levels) ▪ IB (1 course) and AP Music Theory (1 course) ▪ Song Writing and Music Theory (1 course)	▪ Film Study (2 standard and 4 IB courses) ▪ Computer Graphics, Digital Animation, and Graphic Communications ▪ Photo and Video Technology (2 levels) ▪ Television and Multimedia Production (3 levels)	▪ Studio art (4 general levels plus AP, IB, sculpture, painting, and independent courses) ▪ Art history (standard and AP) ▪ Digital Photography (3 levels) ▪ Ceramics (3 levels) ▪ Crafts (2 courses)

Source: APS[70]

AP, IB, AND DUAL ENROLLMENT COURSES

As shown in Figure 2.17 on the following page, APS offers a total of 3 Advanced Placement courses, 11 IB courses, and 2 dual enrollment courses.[71] AP courses include music theory, art history, and studio art, while IB courses include music (standard level), theater arts (two standard and one higher level), film study two standard and two higher levels), and visual arts (one standard and two higher levels). In addition, students may enroll in Television and Multimedia Production I and II and Digital Photography III for dual credit at Northern Virginia Community College.[72]

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[69] Offered at Kenmore Middle School only.

[70] [1] "Program of Studies 2016-2017," Op. cit. [2] "The Arlington Middle Program of Studies," Op. cit. [3] "The Arlington High School Program of Studies." Arlington Public Schools. http://www.apsva.us/wp-content/uploads/legacy_assets/www/60dcceddde-HS_PROGRAM_OF_STUDIES_2016-17_FINAL.pdf

[71] "Program of Studies 2016-2017," Op. cit.

[72] Ibid., p. 90.

Figure 2.17: AP, IB, and Dual Enrollment Courses Offered by APS

Advanced Placement	IB	Dual Enrollment

•**Music**
  •AP Music Theory, for Grades 10-12 students
•**Visual Arts**
  •AP Art History, for Grades 10-12 students
  •AP Studio Art, for Grades 9-12 students
	•**Music**
	  •IB Music I Standard Level, for Grades 11-12 students
	•**Drama**
	  •IB Theater Arts I and II Standard Level, for Grades 11-12 students
	  •IB Theater Arts I Higher Level, for Grades 11-12 students
	•**Media Arts**
	  •IB Film Study I and II Standard Levels, for Grades 11-12 students
	•**Visual Arts**
	  •IB Visual Arts I Standard Level and Visual Arts I and II Higher Level, for Grades 11-12 students
		•**Media Arts**
		  •Television and Multimedia Production I and II, for Grades 9-12 students
		•**Visual Arts**
		  •Digital Photography III

Source: APS[73]

OTHER NOTABLE COURSE OFFERINGS

As discussed previously, APS is the only division to offer a fine arts apprenticeship, and is the only district besides Fairfax to offer film study courses and a combination of AP, IB, and dual enrollment courses.

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[73] Ibid., p. 90.

SECTION III: APS ARTS COURSE ANALYSIS

This section discusses average arts enrollment at each APS school, calculates the student-to-arts course ratio at each school, and compares actual enrollment in arts courses to the courses listed in APS' Program of Studies (POS) for middle and high school.

AVERAGE ENROLLMENT BY SCHOOL

MIDDLE SCHOOL

As shown in Figure 3.1 below, **H-B Woodlawn** has the largest proportion of students enrolled in the arts, with 90 percent of students enrolled in arts courses in the 2016-17 school year. In terms of traditional middle schools, **Jefferson** had the highest arts enrollment in the most recent school year (82 percent), but was similar to the other schools in 2014-15 and 2015-16 (around three-quarters of students enrolled in arts courses).

Figure 3.1: Middle School Arts Enrollment, 2014-15 to 2016-17
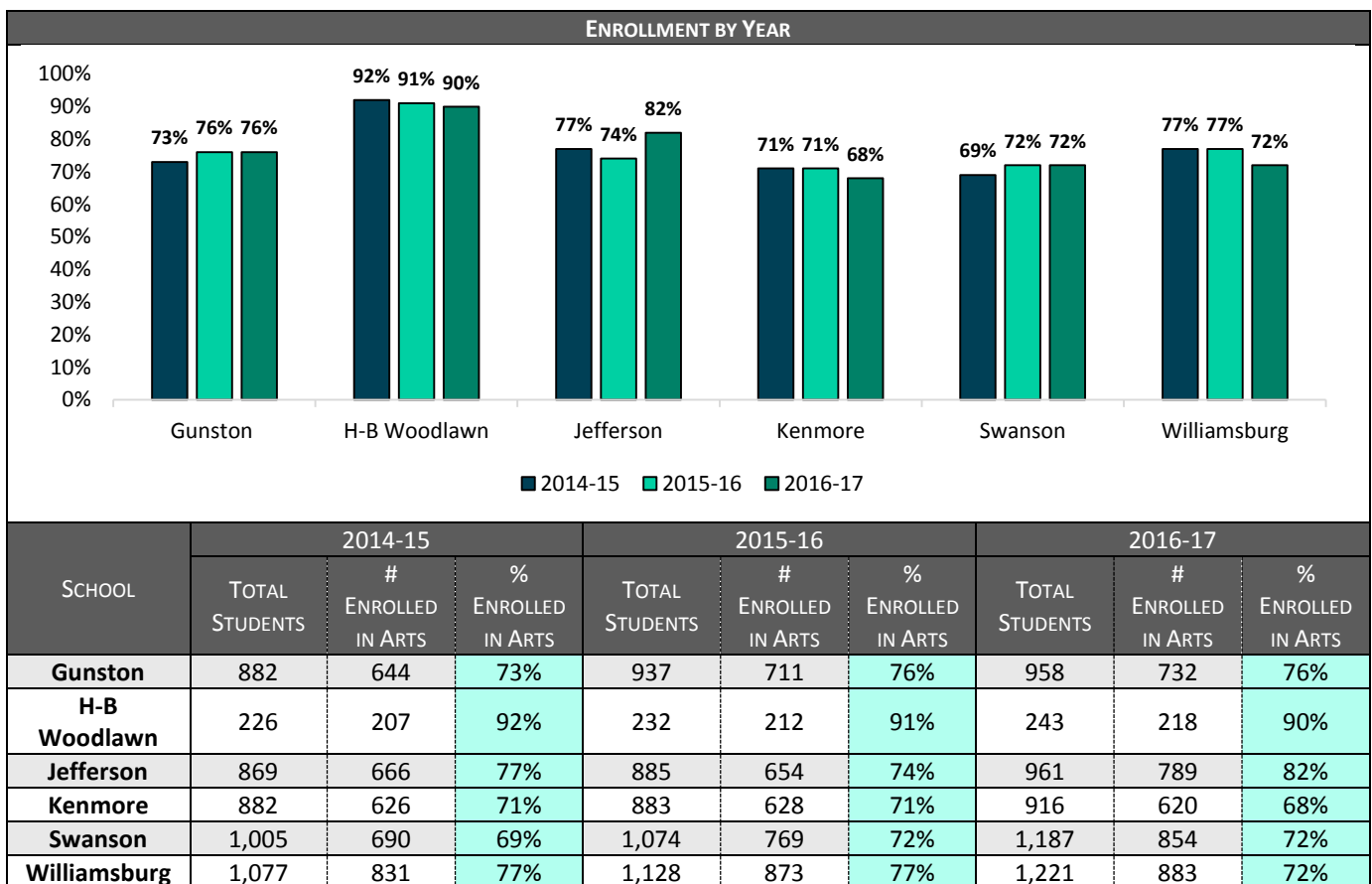
SCHOOL	2014-15			2015-16			2016-17		
	TOTAL STUDENTS	# ENROLLED IN ARTS	% ENROLLED IN ARTS	TOTAL STUDENTS	# ENROLLED IN ARTS	% ENROLLED IN ARTS	TOTAL STUDENTS	# ENROLLED IN ARTS	% ENROLLED IN ARTS
Gunston	882	644	73%	937	711	76%	958	732	76%
H-B Woodlawn	226	207	92%	232	212	91%	243	218	90%
Jefferson	869	666	77%	885	654	74%	961	789	82%
Kenmore	882	626	71%	883	628	71%	916	620	68%
Swanson	1,005	690	69%	1,074	769	72%	1,187	854	72%
Williamsburg	1,077	831	77%	1,128	873	77%	1,221	883	72%

Source: Data provided by APS. Numbers reflect the unduplicated counts/percentages of students enrolled in arts courses.

HIGH SCHOOL

Overall, fewer students enroll in arts courses in high school than in middle school. Although around three-quarters of students tend to enroll in arts courses each year in middle school, less than two-thirds of high school students enroll in arts courses in high school (Figure 3.2 below).

Among APS' traditional high schools, Wakefield had the lowest proportion of students enrolled in the arts. In the most recent school year, just 38 percent of Wakefield students enrolled in arts courses. This is slightly behind Washington-Lee (41 percent) and noticeably lower than Yorktown, where 54 percent of students enrolled in arts courses in 2016-17.

Figure 3.2: High School Arts Enrollment, 2014-15 to 2016-17
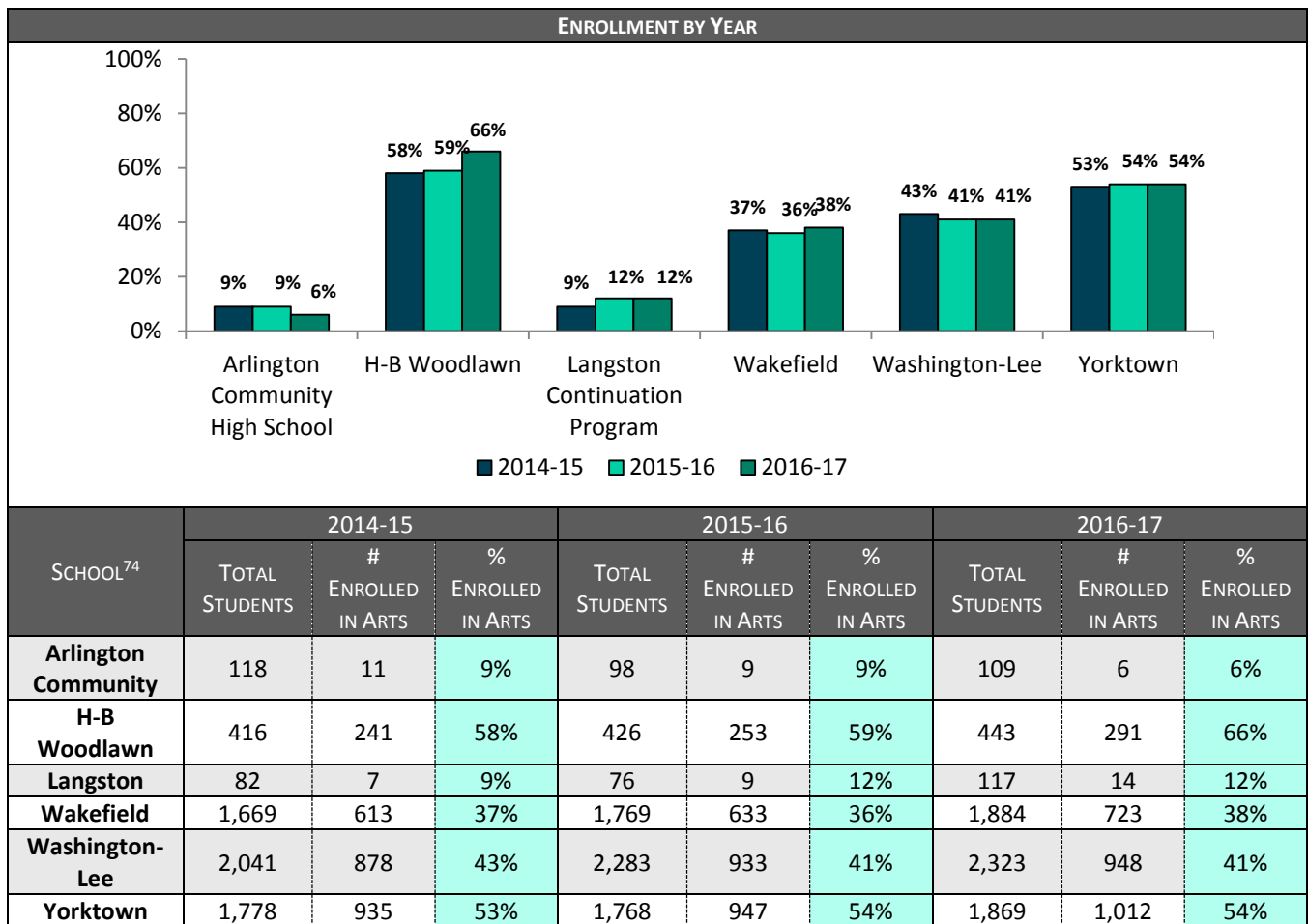
SCHOOL[74]	2014-15			2015-16			2016-17		
	TOTAL STUDENTS	# ENROLLED IN ARTS	% ENROLLED IN ARTS	TOTAL STUDENTS	# ENROLLED IN ARTS	% ENROLLED IN ARTS	TOTAL STUDENTS	# ENROLLED IN ARTS	% ENROLLED IN ARTS
Arlington Community	118	11	9%	98	9	9%	109	6	6%
H-B Woodlawn	416	241	58%	426	253	59%	443	291	66%
Langston	82	7	9%	76	9	12%	117	14	12%
Wakefield	1,669	613	37%	1,769	633	36%	1,884	723	38%
Washington-Lee	2,041	878	43%	2,283	933	41%	2,323	948	41%
Yorktown	1,778	935	53%	1,768	947	54%	1,869	1,012	54%

Source: Data provided by APS. Numbers reflect the unduplicated counts/percentages of students enrolled in arts courses. Data on Arlington Career Center and New Directions are not included because APS did not provide total enrollment numbers for these schools.

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[74] APS did not provide total student enrollment for the New Directions Program. However, arts enrollment by year for New Directions is as follows: 2014-15: 8 students; 2015-16: 11 students; and 2016-17: 8 students.

COURSE-TO-STUDENT RATIOS BY SCHOOL

To further assist APS in understanding its arts course distribution, Hanover calculates the ratio of arts courses to total students in 2016-17. That is, we compare the total number of arts courses in which students enrolled at each school to the overall student population. At the middle school level, **Swanson** and **Williamsburg** have the highest course-to-student ratios, i.e. fewer courses compared to total students (1:91 and 1:102, respectively), and H-B Woodlawn and Kenmore have the lowest ratios (1:24 and 1:51, respectively). At the high school level, H-B Woodlawn has the lowest course-to-student ratio (1:15), followed by Yorktown (1:55). **Wakefield** and **Washington-Lee** have the lowest course-to-student ratio of 1:63.

Figure 3.3: Arts Course-to-Student Ratios by School

SCHOOL	2016-17		
	TOTAL STUDENTS	# ARTS COURSES	COURSE: STUDENT RATIO
Middle Schools			
Gunston Middle	958	16	1:60
H-B Woodlawn (Grades 6-8)	243	10	1:24
Jefferson Middle	961	13	1:74
Kenmore Middle	916	18	1:51
Swanson Middle	1,187	13	1:91
Williamsburg Middle	1,221	12	1:102
High Schools[75]			
H-B Woodlawn (Grades 9-12)	443	30	1:15
Wakefield High	1,884	30	1:63
Washington-Lee High	2,323	37	1:63
Yorktown High	1,869	44	1:55

Source: Hanover analysis of data provided by APS

GAPS BETWEEN ENROLLMENT AND PROGRAM OF STUDIES

Figure 3.4 on the following page shows middle school arts enrollment by course in the most recent school year. Based on Hanover's understanding of APS' Program of Studies (POS), we identified the following potential gaps between courses listed in the POS and courses in which students actually enrolled:

- **Jefferson**: No recent enrollments in Intermediate Orchestra.

- **Kenmore**: No recent enrollments in Guitar.

- **Swanson**: No recent enrollments in Guitar or Intermediate Orchestra.

- **Williamsburg**: No recent enrollments in Advanced Chorus, Beginning Band, or Beginning Orchestra.

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[75] Because few students at Arlington Community High School, Langston Continuation Program, and the New Direction Program, Hanover did not calculate a student-to-course ratio for these schools. The number of arts courses in which students enrolled in 2016-17 are as follows: Arlington Community High School: 2 courses; Langston: 3 courses; and New Directions: 2 courses.

At both the middle and high school levels, Hanover recommends that APS determine the reason that some schools have not reported enrollments in certain arts courses in the most recent school year, i.e. whether lack of enrollment is due to lack of student interest, scheduling issues, lack of instructional staff, or other reasons.

Figure 3.4: Middle School Arts Enrollment by Course, 2016-17

COURSE	GUNSTON	H-B WOODLAWN	JEFFERSON	KENMORE	SWANSON	WILLIAMSBURG
Advanced Band	47	15	65	69	70	47
Advanced Chorus	31	-	79	34	72	-
Advanced Orchestra	34	31	41	18	50	31
Art-Choral Music	-	-	25	-	-	-
Arts-Visual	21	1	226	18	-	-
Beginning Band	21	25	40	18	69	-
Beginning Chorus	93	-	87	29	40	33
Beginning Orchestra	15	1	14	15	31	-
Beginning Piano	-	-	-	19	-	-
Exploratory Wheel	237	-	-	152	259	271
Guitar	12	-	-	-	-	18
Intermediate Band	41	-	1	12	60	132
Intermediate Orchestra	31	-	-	37	-	30
Jazz Band	-	-	-	22	-	30
Chorus-Semester	-	83	-	-	-	-
Theater-Semester	81	64	70	50	78	84
Visual Art I – Semester	76	88	93	142	164	121
Visual Arts II –Full Year	15	16	-	-	44	-
Visual Arts II-Semester	44	46	78	36	20	98
Showtime	-	-	-	33	-	-
Theatre/Drama	40	-	236	37	17	134
Visual Arts III	-	-	-	13	-	-
Total Students in All Courses	**839**	**370**	**1,055**	**754**	**974**	**1,029**

Red cells denote potential gaps in actual course availability compared to course listings in the Program of Studies.

Finally, Figure 3.5 below lists high school arts enrollment by course in 2016-17. We identified the following potential gaps between courses listed in the POS and courses in which students actually enrolled:

- **H-B Woodlawn**: No recent enrollments in Theatre Arts II.

- **Wakefield**. No recent enrollments in AP Music Theory, Ceramics II and III, Computer Graphics, Crafts I (Semester), Ensembles, Film Study II, Painting and Drawing, and Song Writing.

- **Washington-Lee**. No recent enrollments in Advanced Theatre IV, AP Music Theory, Crafts, Crafts I (Semester), Film Study and Film Study II, Painting and Drawing, Song Writing, and Theatre Arts III.

- **Yorktown**. No recent enrollments in Advanced Choir, Beginning Instrumental, and Crafts.

Figure 3.5: High School Arts Enrollment by Course, 2016-17

COURSE	ARLINGTON COMMUNITY HIGH SCHOOL	H-B WOODLAWN	LANGSTON	NEW DIRECTIONS	WAKEFIELD	WASHINGTON-LEE	YORKTOWN
Advanced Choir	-	24	-	-	32	33	-
Advanced Theatre IV	-	9	-	-	7	-	26
Advanced Band	-	25	-	-	60	71	44
AP Art History	-	-	-	-	5	4	3
AP Music Theory	-	3	-	-	-	-	13
AP Studio Art	-	6	-	-	11	22	52
Art History	-	9	-	-	-	-	-
Art I	4	14	11	6	118	149	75
Art II	2	14	2	2	35	52	49
Art III	-	12	-	-	19	10	9
Art IV	-	6	-	-	-	-	-
Beginning Instrumental	-	-	-	-	16	25	-
Ceramics I	-	-	-	-	24	84	131
Ceramics II	-	-	1	-	-	14	36
Ceramics III	-	-	-	-	-	3	29
Chamber Choir	-	-	-	-	18	25	25
Chamber Orchestra	-	-	-	-	37	25	26
Computer Graphics	-	-	-	-	-	49	47
Concert Choir	-	-	-	-	27	33	-
Crafts	-	-	-	-	27	-	-
Crafts I (Semester)	-	-	-	-	-	-	69

Course	Arlington Community High School	H-B Woodlawn	Langston	New Directions	Wakefield	Washington-Lee	Yorktown
Digital Photography	-	17	-	-	101	83	141
Digital Photography II	-	7	-	-	31	46	65
Digital Photography III	-	3	-	-	11	16	13
Ensembles	-	-	-	-	-	19	18
Film Study	-	-	-	-	46	-	45
Film Study II	-	-	-	-	-	-	45
Film/Video Production	-	44	-	-	-	-	-
Fine Arts Apprenticeship I	-	4	-	-	1	6	5
Fine Arts Apprenticeship II	-	1	-	-	4	4	6
Fine Arts Apprenticeship III	-	2	-	-	1	5	1
Guitar Ensemble	-	-	-	-	6	9	10
Guitar	-	-	-	-	22	24	13
HS Tech Theater	-	25	-	-	25	2	
IB Music (SL)	-	-	-	-	-	13	-
IB Theatre Arts (HL) Part I	-	-	-	-	-	11	-
IB Theatre Arts (HL) Part II	-	-	-	-	-	8	-
IB Theatre Arts (SL)	-	-	-	-	-	4	-
IB Visual Arts (HL) Part I	-	-	-	-	-	6	-
IB Visual Arts (HL) Part II	-	-	-	-	-	9	-
IB Visual Arts (SL)	-	-	-	-	-	-	2
Independent Studio Art	-	4	-	-	-	-	-
Intermediate Band	-	12	-	-	23	48	79
Jazz Band	-	30	-	-	-	-	-
Marching Band	-	-	-	-	54	75	93
Men's Chorus	-	10	-	-	-	-	
Paint and Draw	-	22	-	-	-	-	47
Song Writing/Digital Audio/Music Theory	-	5	-	-	-	-	20

COURSE	ARLINGTON COMMUNITY HIGH SCHOOL	H-B WOODLAWN	LANGSTON	NEW DIRECTIONS	WAKEFIELD	WASHINGTON-LEE	YORKTOWN
String Orchestra	-	17	-	-	28	56	19
Theatre Arts I	-	17	-	-	28	58	38
Theatre Arts II	-	-	-	-	15	15	16
Theatre Arts III	-	1	-	-	15	-	20
Theatre Arts Directing	-	17	-	-	-	-	-
Women's Camerata	-	24	-	-	-	-	-
Women's Concert Choir	-	20	-	-	-	-	-
Total Students in All Courses	6	404	14	8	847	1,118	1,328

Red cells denote potential gaps in actual course availability compared to course listings in the Program of Studies.

APPENDIX: PEER DISTRICT COURSE LISTS

ALEXANDRIA CITY PUBLIC SCHOOLS

COURSE TYPE	COURSE NAME	GRADE LEVEL	PREREQUISITE	COURSE LENGTH	SIMILAR/ EQUIVALENT COURSE OFFERED BY APS?
Middle School					
Drama	**Speech and Drama I**	Grade 6	None required	1 semester	Yes
Drama	**Speech and Drama II**	Grade 7	None required	1 semester	Yes
Drama	**Speech and Drama III**	Grade 8	None required	1 semester	Yes
Music	**Beginning Band**	Grade 6 or 7	None required	Year	Yes
Music	**Concert Band**	Grades 6-8	Previous music experience or audition	Year	Yes
Music	**Symphonic Band**	Grades 6-8	Concert Band or audition	Year	Yes
Music	**Marching Band**	Grade 8	Concert Band	1 semester	No
Music	**Beginning Chorus**	Grade 6	None required	Year	Yes
Music	**Intermediate Chorus**	Grade 7 or 8	Previous music experience or audition	Year	Yes
Music	**Advanced Chorus**	Grade 7 or 8	Intermediate Chorus or audition	Year	Yes
Music	**Beginning Orchestra**	Grade 6	None required	Year	Yes
Music	**Concert Orchestra**	Grades 6-8	Previous music experience or audition	Year	Yes
Music	**Symphonic Orchestra**	Grades 6-8	Concert Orchestra or audition	Year	Yes
Visual Arts	**Visual Arts 6**	Grade 6	None required	1 semester	Yes
Visual Arts	**Art 7**	Grade 7	None required	1 semester	Yes
Visual Arts	**Art 8**	Grade 8	None required	Year	Yes (Equivalent in APS would be Visual Arts II or III)
Visual Arts	**Art 8A**	Grade 8	None required	1 semester	Yes
High School					
Drama	**Introduction to Drama: Character Creation and Theater Appreciation**	Grades 9-12	None required	Not specified	Yes
Drama	**Intermediate Drama: From Page to Stage**	Grades 10-12	Introduction to Drama or audition	Not specified	Yes
Drama	**Advanced Drama: Theater for Competition and Community Performance**	Grades 10-12	Audition	Not specified	Yes

COURSE TYPE	COURSE NAME	GRADE LEVEL	PREREQUISITE	COURSE LENGTH	SIMILAR/ EQUIVALENT COURSE OFFERED BY APS?
Drama	Stagecraft I	Grades 10-12	None required	Not specified	Yes
Drama	Stagecraft II	Grades 10-12	Stagecraft I or teacher recommendation	Not specified	Yes
Drama	Theater Practicum	Grades 9-10	Audition and/or interview	Not specified	Yes
Drama	Dual Enrollment Theater Practicum	Grades 11-12	Audition and/or interview; student must meet college entrance requirements	Not specified	No – APS' fine arts apprenticeship is not a dual enrollment course
Media Arts	Graphic Design and Multimedia I	Grades 10-12	None required	Not specified	Yes
Media Arts	Advanced Graphic Design and Multimedia II	Grades 11-12	Graphic Design and Multimedia I	Not specified	Yes
Media Arts	Television and Media Production I	Grades 9-11	None required	Not specified	Yes
Media Arts	Dual Enrollment Television and Media Production II	Grades 10-12	Dual Enrollment Television and Media Production II	Not specified	Yes
Media Arts	Dual Enrollment TV Production and Screenwriting III	Grades 11-12	Television and Media Production II	Not specified	Yes
Music	Chamber Music	Grades 9-12	Prior participation in an orchestra course	Not specified	Yes – APS offers an advanced orchestra course.
Music	Concert Band	Grades 9-12	None required	Not specified	Yes
Music	Jazz Ensemble	Grades 9-12	Must be taken concurrently with Concert, Symphonic, or Wind Ensemble	Not specified	Yes
Music	Marching Band	Grades 9-12	One year of band or permission of the instructor	Not specified	Yes
Music	Symphonic Band	Grades 9-12	Previous music instruction and audition	Not specified	Yes
Music	Wind Ensemble	Grades 10-12	Previous music instruction and audition	Not specified	Yes
Music	Concert Choir	Grades 9-12	Previous choral instruction	Not specified	Yes
Music	Mixed Choir	Grades 9-12	Previous choral instruction	Not specified	Yes
Music	Performance Ensemble/Show Choir	Grades 9-12	Must be taken concurrently with Concert Choir	Not specified	Yes

Course Type	Course Name	Grade Level	Prerequisite	Course Length	Similar/ Equivalent Course Offered by APS?
Music	Advanced Choir	Grades 9-12	Previous choral instruction and audition	Not specified	Yes
Music	Advanced Orchestra I	Grade 9	Prior participation in an orchestra course	Not specified	Yes
Music	String Orchestra I	Grade 9	Prior participation in an orchestra course	Not specified	Yes
Music	String Orchestra II	Grades 10-12	Prior participation in an orchestra course	Not specified	Yes
Music	Chamber Orchestra	Grades 10-12	String Orchestra II	Not specified	Yes
Music	Music Theory I	Grades 10-12	None required	Not specified	Yes
Music	AP Music Theory	Grades 10-12	Music Theory I	Not specified	Yes
Music	Music Laboratory/Guitar	Grades 10-12	None required	Not specified	Yes
Visual Arts	Art I	Grades 9-12	None required	Not specified	Yes
Visual Arts	Art II	Grades 9-12	Art I	Not specified	Yes
Visual Arts	Art III	Grades 11-12	Art II	Not specified	Yes
Visual Arts	Art IV	Grades 11-12	Art III	Not specified	Yes
Visual Arts	3D Exploration and Design	Grades 9-12	None required	Not specified	Yes
Visual Arts	AP Art History	Grades 10-12	None required	Not specified	Yes
Visual Arts	AP Studio Art: 3-D Design	Grades 11-12	Art I, Ceramics I, and/or permission of instructor	Not specified	Yes
Visual Arts	AP Studio Art: Drawing	Grades 11-12	Art 1, Art II, and/or permission of instructor	Not specified	Yes
Visual Arts	Ceramics I	Grades 10-12	Art I or 3D Exploration and Design	Not specified	Yes
Visual Arts	Ceramics II	Grades 11-12	Ceramics I	Not specified	Yes
Visual Arts	Commercial Photography I	Grade 11	None required	Not specified	Yes
Visual Arts	Commercial Photography II	Grades 11-12	Commercial Photography II	Not specified	Yes

Course Type	Course Name	Grade Level	Prerequisite	Course Length	Similar/ Equivalent Course Offered by APS?
Visual Arts	**Design**	Grades 10-12	Art I and II	Not specified	No – The ACPS Design course focuses on topics not covered by APS arts courses, such as fabric, fashion and costume design, furniture, and interior and industrial design

Source: ACPS, [76] APS[77]

[76] "2017-2018 Program of Studies," Op. cit.

[77] [1] "The Arlington Middle Program of Studies." Arlington Public Schools. http://www.apsva.us/wp-content/uploads/legacy_assets/www/cfdc1719d8-Middle_School_POS_2016-17_FINAL.pdf [2] "Program of Studies 2016-2017." Arlington Public Schools. http://www.apsva.us/wp-content/uploads/legacy_assets/www/60dcceddde-HS_PROGRAM_OF_STUDIES_2016-17_FINAL.pdf [3] "Copy of 2016-17 APS Secondary Course Enrollment." (Arlington Public Schools).

CLARKE COUNTY PUBLIC SCHOOLS

COURSE TYPE	COURSE NAME	GRADE LEVEL	PREREQUISITE	COURSE LENGTH	SIMILAR/ EQUIVALENT COURSE OFFERED BY APS?
Middle School					
Music	**Chorus 6**	Grade 6	None required	Year	Yes
Music	**Chorus 7**	Grade 7	Chorus 7	Year	Yes
Music	**Chorus 8**	Grade 8	Chorus 7	Year	Yes
Music	**Concert Band 6**	Grade 6	Grade 5 band experience	Year	Yes
Music	**Concert Band 7**	Grade 7	Concert Band 6	Year	Yes
Music	**Concert Band 8**	Grade 8	Concert Band 7	Year	Yes
Music	**Introduction to Instrumental Music 6**	Grade 6	None required	Year	Yes
Music	**Jazz Band 7**	Grade 7	None required	Year	Yes
Music	**Jazz Band 8**	Grade 8	Co-requisite: Concert Band 8	Semester	No – APS offers only one jazz band course in middle school
Music	**Marching Band 8**	Grade 8	Co-requisite: Concert Band 8	Semester	No
Visual Arts	**Exploratory 6**	Grade 6	None required	Year (Arts component is 12 weeks)	Yes
Visual Arts	**Exploratory 7**	Grade 7	Co-requisite: Jazz Band 7	Year (Arts component is 12 weeks)	Yes
Visual Arts	**Exploratory 8**	Grade 8	None required	Year (Arts component is 12 weeks)	Yes
High School					
Dance	**Color Guard**	Grades 9-12	None required	Not specified	Yes
Drama	**Theater I/Introduction to Theater**	Grades 9-12	None required	Not specified	Yes
Drama	**Theater Arts II**	Grades 10-11	Theater I	Not specified	Yes
Media Arts	**Advanced Design, Multimedia, and Web Technologies**	Grades 10-12	Design, Multimedia, and Web Technologies	Not specified	Yes
Media Arts	**Design, Multimedia, and Web Technologies**	Grades 9-12	None required	Not specified	Yes

COURSE TYPE	COURSE NAME	GRADE LEVEL	PREREQUISITE	COURSE LENGTH	SIMILAR/ EQUIVALENT COURSE OFFERED BY APS?
Music	**Chamber Choir**	Grades 9-12	1 year of vocal ensemble experience, audition, and permission of the instructor	Not specified	Yes
Music	**Concert Choir**	Grades 9-12	None required	Not specified	Yes
Music	**Eagle Band**	Grades 9-12	None required	Not specified	Yes
Music	**Jazz Band**	Grades 9-12	Co-requisite: Eagle Band or Percussion Ensemble	Not specified	Yes
Music	**Percussion Ensemble**	Grades 9-12	2 years of previous music experience or audition	Not specified	Yes
Music	**Steel Drum Ensemble**	Grades 9-12	None required	Not specified	No – APS offers an ensembles course that includes percussion, but does not appear to focus specifically on steel drums
Music	**Introduction to Music Theory/Songwriting Music Theory**	Grades 9-12	None required	Not specified	Yes
Music	**IB Music Theory Standard Level**	Grades 9-12	Introduction to Music Theory or permission of the instructor	Not specified	Yes
Visual Arts	**Art I**	Grades 9-12	None required	Not specified	Yes
Visual Arts	**Art II**	Grades 10-12	Art I	Not specified	Yes
Visual Arts	**Art III**	Grades 10-12	Art II	Not specified	Yes
Visual Arts	**IB Visual Arts Standard Level I**	Grades 11-12	Art II and Portfolio Review	Year	Yes
Visual Arts	**IB Visual Arts Higher Level II**	Grade 12	IB Visual Arts Standard Level I	Year	Yes
Visual Arts	**Ceramics**	Grades 10-12	Art I	Not specified	Yes
Visual Arts	**Photography I**	Grades 10-12	Art I or permission of the instructor	Not specified	Yes
Visual Arts	**Photography II**	Grades 11-12	Photography I	Not specified	Yes

Source: APS, [78] CCPS[79]

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[78] [1] "The Arlington Middle Program of Studies," Op. cit. [2] "Program of Studies 2016-2017," Op. cit. [3] "Copy of 2016-17 APS Secondary Course Enrollment," Op. cit.

FAIRFAX COUNTY PUBLIC SCHOOLS

Course Type	Course Name	Grade Level	Prerequisite	Course Length	Similar/ Equivalent Course Offered by APS?
Middle School					
Drama	**Speech and Theater Arts Appreciation**	Grades 6-8	None required	1 semester	Yes
Drama	**Theater Arts Appreciation**	Grades 6-8	None required	Year	Yes
Drama	**Advanced Speech and Theater Arts Appreciation**	Grades 7-8	None required	Year	Yes
Drama	**Advanced Theater Arts Appreciation**	Grades 7-8	Previous theater arts course	1 semester	Yes
Drama	**Technical Theater Arts Appreciation**	Grade 8	None required	1 semester	No – APS offers only a general theater arts course in middle school
Media Arts	**Computers in Art**	Grades 7-8	Art Foundations	Year	Yes
Music	**Band 6**	Grade 6	None required	Year	Yes
Music	**Beginning Band**	Grades 6-8	None required	Year	Yes
Music	**Intermediate Band**	Grades 7-8	Audition	Year	Yes
Music	**Advanced Band**	Grades 7-8	Audition	Year	Yes
Music	**Brass Ensemble**	Grades 7-8	Audition	Year	No – APS offers only general band courses and a jazz band course in middle school
Music	**Beginning Chorus**	Grades 6-8	None required	Year	Yes
Music	**Chorus 6**	Grade 6	None required	Year	Yes
Music	**Chorus**	Grades 7-8	None required	1 semester	Yes
Music	**Intermediate Chorus**	Grades 7-8	Beginning Chorus or audition	Year	Yes

[79] [1] "Program of Studies Grade 6 - Johnson-Williams Middle School." Clarke County Public Schools, 2017.
https://drive.google.com/file/d/0B8xwYY4B9zc4YlkxOTg2UzBnTGtvYjV2eEpPM2xycE9KXzJZ/view [2] "Program of Studies Grade 8 - Johnson-Williams Middle School."
Clarke County Public Schools, 2017. https://drive.google.com/file/d/0B8xwYY4B9zc4VlFxcEY4V1NUVF9CZmdwQzJIdHdtSzM3RzJv/view [2] "Program of Studies Grade 7 -
Johnson-Williams Middle School." Clarke County Public Schools, 2017. p. 7.
https://drive.google.com/file/d/0B8xwYY4B9zc4RjRueDBGNkdpS3VXaWNyZzBhMDZHb3U2dk9J/view [3] "Fine Arts." Clarke County Public Schools, 2017.
https://sites.google.com/a/clarke.k12.va.us/clarke-county-high-school/academics-1/program-of-studies/finearts [4] "Career and Technical Education." Clarke County
Public Schools, 2017. https://sites.google.com/a/clarke.k12.va.us/clarke-county-high-school/academics-1/program-of-studies/cte

Course Type	Course Name	Grade Level	Prerequisite	Course Length	Similar/ Equivalent Course Offered by APS?
Music	**Advanced Chorus**	Grades 7-8	Audition	Year	Yes
Music	**Basso Chorus**	Grades 6-8	None required	Year	No – APS does not appear to offer separate basso/treble choruses in middle school
Music	**Intermediate Basso Chorus**	Grades 7-8	Beginning Chorus or audition	Year	No
Music	**Advanced Basso Chorus**	Grades 7-8	Audition	Year	No
Music	**Treble Chorus**	Grades 6-8	None required	Year	No
Music	**Intermediate Treble Chorus**	Grades 7-8	Beginning Chorus or audition	Year	No
Music	**Vocal Ensemble**	Grades 7-8	Audition	Year	No
Music	**General Music 6**	Grade 6	None required	9 weeks to year	Yes (wheel)
Music	**Guitar 1**	Grades 7-8	None required	Year	Yes
Music	**Guitar 2**	Grades 7-8	Guitar I or permission of the instructor	Year	Yes
Music	**Guitar Ensemble 1**	Grades 7-8	Audition or permission of the instructor	Year	No – APS offers only general guitar courses in middle school
Music	**Guitar Ensemble 2**	Grades 7-8	Audition or permission of the instructor	Year	No
Music	**Beginning Orchestra**	Grades 6-8	None required	Year	Yes
Music	**Intermediate Orchestra**	Grades 7-8	Audition	Year	Yes
Music	**Advanced Orchestra**	Grades 7-8	Audition	Year	Yes
Music	**Jazz Choir**	Grades 7-8	Audition	Year	No – APS offers only general chorus courses in middle school
Music	**Jazz Ensemble**	Grades 6-8	Audition or permission of the instructor	Year	Yes
Music	**Mixed Ensemble**	Grades 7-8	Audition	Year	Yes
Music	**Music Participation Lab 1**	Grades 7-8	None required	Year	No
Music	**Music Participation Lab 2**	Grade 8	Music Participation Lab 2	Year	No
Music	**Orchestra 6**	Grade 6	None required	Year	Yes

Course Type	Course Name	Grade Level	Prerequisite	Course Length	Similar/ Equivalent Course Offered by APS?
Music	**Percussion Ensemble**	Grades 6-8	Audition or permission of the instructor	Year	No – APS offers only general band courses and a jazz band course in middle school
Music	**Piano Lab 1**	Grades 7-8	None required	Year	Yes
Music	**Piano Lab 2**	Grades 7-8	Piano Lab 1 or permission of the instructor	Year	No – APS offers only one level of piano in middle school
Music	**Show/Swing Choir**	Grades 7-8	Audition	Year	No – APS offers only general chorus courses in middle school
Music	**String Ensemble**	Grades 7-8	Audition	Year	Yes – APS offers several levels of middle school orchestra
Music	**Woodwind Ensemble**	Grades 7-8	Audition	Year	No
Visual Arts	**3D Art Exploration**	Grades 7-8	Art Foundations	1 semester	No – APS does not appear to offer a 3-D focused middle school art class
Visual Arts	**Art Extensions**	Grade 8	Teacher recommendation	Year	Yes
Visual Arts	**Art Foundations**	Grades 7-8	None required	Year	Yes
Visual Arts	**Elementary Art**	Grade 6	None required (core course)	Year	Yes
High School					
Dance	**Academy Dance 1**	Grades 9-12	None required	Not specified	No – APS does not appear to offer high school dance classes
Dance	**Academy Dance 2**	Grades 10-12	Dance 1 or audition	Not specified	No
Dance	**Academy Dance 3**	Grades 11-12	Dance 2	Not specified	No
Dance	**Academy Dance 4**	Grades 11-12	Dance 3	Not specified	No
Dance	**Broadway Dance**	Grades 9-12	None required	Not specified	No
Dance	**Dance 1**	Grades 9-12	None required	Not specified	No
Dance	**Dance 2/Modern/Jazz**	Grades 10-12	Dance 1	Not specified	No
Dance	**Dance 3**	Grades 11-12	Dance 2	Not specified	No

COURSE TYPE	COURSE NAME	GRADE LEVEL	PREREQUISITE	COURSE LENGTH	SIMILAR/ EQUIVALENT COURSE OFFERED BY APS?
Dance	**Dance 4**	Grades 11-12	Dance 3	Not specified	No
Dance	**Hip Hop Dance**	Grades 9-12	None required	Not specified	No
Drama	**Technical Theater 1**	Grades 9-12	Theater Arts 1 or teacher recommendation	Not specified	Yes
Drama	**Technical Theater 2**	Grades 10-12	Technical Theater 1 or teacher recommendation	Not specified	Yes
Drama	**Technical Theater 3**	Grades 11-12	Technical Theater 2 or teacher recommendation	Not specified	No – APS does not offer more than two levels of technical theater/directing
Drama	**Technical Theater 4**	Grade 12	Technical Theater 3 or teacher recommendation	Not specified	No
Drama	**Theater Arts 1**	Grades 9-12	None required	Not specified	Yes
Drama	**Theater Arts 2**	Grades 10-12	Theater Arts 1 or teacher recommendation	Not specified	Yes
Drama	**Theater Arts 3**	Grades 11-12	Theater Arts 2 or teacher recommendation	Not specified	Yes
Drama	**Theater Arts 4**	Grade 12	Theater Arts 3 or teacher recommendation	Not specified	Yes
Drama	**IB Theater Arts Higher Level I**	Grade 11	Theater Arts 1 and 2 and teacher recommendation	Not specified	Yes
Drama	**IB Theater Arts Higher Level II**	Grade 12	IB Theater Arts Higher Level I	Not specified	Yes
Drama	**IB Theater Arts Standard Level I**	Grade 11	Theater Arts 1 and 2 and teacher recommendation	Not specified	Yes
Drama	**IB Theater Arts Standard Level II**	Grades 11-12	IB Theater Arts Standard Level II	Not specified	No – APS does not appear to offer the second year of the standard level course
Drama	**Professional Musical Theater and Actor's Studio 1**	Grades 10-12	Theater Arts, Chorus, or Dance	Not specified	No – APS offers general theater arts courses but not does appear to offer courses specifically focused on acting and musical theater

Course Type	Course Name	Grade Level	Prerequisite	Course Length	Similar/ Equivalent Course Offered by APS?
Drama	**Professional Musical Theater and Actor's Studio 2**	Grades 11-12	Professional Musical Theater and Actor's Studio 1 or equivalent experience	Not specified	No
Drama	**Professional Musical Theater and Actor's Studio 3**	Grade 12	Professional Musical Theater and Actor's Studio 2 or teacher recommendation	Not specified	No
Visual Arts	**Professional Photography 1**	Grades 10-12	None	Not specified	No
Visual Arts	**Professional Photography 2**	Grades 11-12	Professional Photography 1	Not specified	No
Media Arts	**Animation**	Grades 10-12	Computer Graphics 1	Not specified	Yes
Media Arts	**Digital Art and Design 1**	Grades 9-12	None required	Not specified	Yes
Media Arts	**Digital Art and Design 2**	Grades 10-12	Computer Graphics 1	Not specified	Yes
Media Arts	**Digital Art and Design 3**	Grades 11-12	Computer Graphics 2	Not specified	Yes
Media Arts	**Digital Art and Design 4**	Grade 12	Computer Graphics 3	Not specified	No – APS appears to offer only 3 levels of graphic design-related courses
Media Arts	**Film Study**	Grades 9-12	None required	Not specified	Yes
Media Arts	**International Baccalaureate Film Study I Higher Level**	Grade 11	None required	Year	Yes
Media Arts	**International Baccalaureate Film Study I Standard Level**	Grade 11	None required	Year	Yes
Media Arts	**International Baccalaureate Film Study II Higher Level**	Grade 12	International Baccalaureate Film Study II Standard Level	Year	Yes
Media Arts	**International Baccalaureate Film Study II Standard Level**	Grade 12	International Baccalaureate Film Study I Standard Level	Year	Yes
Media Arts	**Professional Television Production 1**	Grades 10-12	None required	Not specified	Yes
Media Arts	**Professional Television Production 2**	Grades 11-12	Professional Television Production 2	Not specified	Yes
Media Arts	**Professional Television Production 3**	Grade 12	Professional Television 3	Not specified	Yes
Media Arts	**Visual Communications 1**	Grades 9-12	None required	Not specified	Yes
Media Arts	**Visual Communications 2**	Grades 10-12	Visual Communications 1	Not specified	Yes
Media Arts	**Visual Communications 3: Portfolio Preparation**	Grades 11-12	Visual Communications 2	Not specified	Yes

Course Type	Course Name	Grade Level	Prerequisite	Course Length	Similar/ Equivalent Course Offered by APS?
Music	Beginning Band	Grades 9-12	None required	Not specified	Yes
Music	Intermediate Band	Grades 9-12	Beginning Band or audition	Not specified	Yes
Music	Advanced Band	Grades 9-12	Audition	Not specified	Yes
Music	Brass Ensemble	Grades 9-12	Audition	Not specified	Yes
Music	Ensembles	Grades 9-12	Audition	Not specified	Yes
Music	Jazz Combo	Grades 9-12	Audition or permission of the instructor	Not specified	Yes
Music	Jazz Ensemble	Grades 9-12	Audition or permission of the instructor	Not specified	Yes
Music	Mixed Ensemble	Grades 9-12	Audition	Not specified	Yes
Music	Percussion Ensemble	Grades 9-12	Audition	Not specified	Yes
Music	String Ensemble	Grades 9-12	Audition	Not specified	Yes
Music	Woodwind Ensemble	Grades 9-12	Audition	Not specified	Yes
Music	Basso Chorus	Grades 9-12	None required	Not specified	Yes
Music	Intermediate Basso Chorus	Grades 9-12	Beginning Chorus or audition	Not specified	Yes
Music	Advanced Basso Chorus	Grades 9-12	Audition	Not specified	Yes
Music	Mixed Chorus	Grades 9-12	None required	Not specified	Yes
Music	Intermediate Mixed Chorus	Grades 9-12	Beginning Chorus or audition	Not specified	Yes
Music	Advanced Mixed Chorus	Grades 9-12	Audition	Not specified	Yes
Music	Treble Chorus	Grades 9-12	None required	Not specified	Yes
Music	Intermediate Treble Chorus	Grades 9-12	Beginning Chorus or audition	Not specified	Yes
Music	Advanced Treble Chorus	Grades 9-12	Audition	Not specified	Yes
Music	Jazz Choir	Grades 9-12	Audition	Not specified	Yes
Music	Show/Swing Choir	Grades 9-12	Audition	Not specified	Yes
Music	Vocal Ensemble	Grades 9-12	Audition	Not specified	Yes
Music	Guitar 1	Grades 9-12	None required	Not specified	Yes
Music	Guitar 2	Grades 9-12	Guitar 1 or audition or permission of the instructor	Not specified	Yes
Music	Guitar 3	Grades 9-12	Guitar 2 or audition or permission of the instructor	Not specified	No – APS offers only 2 levels of guitar
Music	Guitar Ensemble 1	Grades 9-12	Audition or permission of the instructor	Not specified	Yes

Course Type	Course Name	Grade Level	Prerequisite	Course Length	Similar/ Equivalent Course Offered by APS?
Music	**Guitar Ensemble 2**	Grades 9-12	Audition or permission of the instructor	Not specified	Yes
Music	**Piano Lab 1**	Grades 9-12	None required	Not specified	Yes
Music	**Piano Lab 2**	Grades 9-12	Piano Lab 1 or audition	Not specified	Yes
Music	**Piano Lab 3**	Grades 9-12	Piano Lab 2 or audition	Not specified	Yes
Music	**Beginning Orchestra**	Grades 9-12	None required	Not specified	Yes
Music	**Intermediate Orchestra**	Grades 9-12	Beginning Orchestra or permission of the instructor	Not specified	Yes
Music	**Advanced Orchestra**	Grades 9-12	Audition	Not specified	Yes
Music	**Music Theory**	Grades 9-12	Teacher recommendation	Not specified	Yes
Music	**AP Music Theory**	Grades 10-12	Music theory or equivalency exam	Not specified	Yes
Music	**IB Music Standard Level I**	Grade 11	Audition, teacher recommendation, and completion of summer assignment	Not specified	Yes
Music	**IB Music Standard Level II**	Grade 12	Audition, teacher recommendation, and completion of summer assignment	Not specified	No – APS offers only Standard Level I in IB music
Music	**IB Music Higher Level I**	Grade 11	Audition, teacher recommendation, and completion of summer assignment	Not specified	No
Music	**IB Music Higher Level II**	Grade 12	Audition, teacher recommendation, and completion of summer assignment	Not specified	No
Music	**Music and Computer Technology 1**	Grades 11-12	Advanced music theory background	Not specified	Yes (songwriting/music theory)
Music	**Music and Computer Technology 1 - Dual Enrollment**	Grades 11-12	Previous music experience	Not specified	No

Course Type	Course Name	Grade Level	Prerequisite	Course Length	Similar/ Equivalent Course Offered by APS?
Music	**Music and Computer Technology 2**	Grade 12	Music and Computer Technology 1	Not specified	No
Music	**Music and Computer Technology 2 - Dual Enrollment**	Grade 12	Music and Computer Technology 2	Not specified	No
Music	**Music Sampler**	Grades 9-12	None required	Not specified	No – APS does not appear to offer a general, non-performance or theory-related music course
Visual Arts	**Studio Art and Design 1**	Grades 9-12	None required	Not specified	Yes
Visual Arts	**Studio Art and Design 2**	Grades 10-12	Studio Art and Design 1	Not specified	Yes
Visual Arts	**Studio Art and Design 3**	Grades 11-12	Studio Art and Design 2	Not specified	Yes
Visual Arts	**Studio Art and Design 4: Portfolio Preparation**	Grade 12	Studio Art and Design 3	Not specified	Yes
Visual Arts	**2-D Studio Art 1**	Grades 10-12	Studio Art and Design 1 or permission of instructor	Not specified	Yes
Visual Arts	**2-D Studio Art 2**	Grades 11-12	2-D Studio Art 1	Not specified	Yes
Visual Arts	**2-D Studio Art 3: Portfolio Preparation**	Grade 12	2-D Studio Art 2	Not specified	Yes
Visual Arts	**Dual Enrollment - Studio Art and Design 4: Portfolio Preparation**	Grade 12	Studio Art and Design 3	Not specified	Yes
Visual Arts	**3-D Studio Art 1**	Grades 10-12	Studio Art and Design 1 or permission of instructor	Not specified	Yes
Visual Arts	**3-D Studio Art 2**	Grades 11-12	3-D Studio Art 1	Not specified	Yes
Visual Arts	**3-D Studio Art 3: Portfolio Preparation**	Grade 12	3-D Studio Art 2	Not specified	Yes
Visual Arts	**AP Art History**	Grades 10-12	None required	Not specified	Yes
Visual Arts	**AP Art: 3-D Design Portfolio**	Grades 11-12	Studio Art and Design 1 and 2 or permission of instructor	Not specified	Yes
Visual Arts	**AP Studio Art: 2-D Design Portfolio**	Grades 11-12	Studio Art and Design 1 and 2 or permission of instructor	Not specified	Yes
Visual Arts	**AP Studio Art: Drawing Portfolio**	Grades 11-12	Studio Art and Design 1 and 2 or permission of instructor	Not specified	Yes

Course Type	Course Name	Grade Level	Prerequisite	Course Length	Similar/ Equivalent Course Offered by APS?
Visual Arts	**IB Visual Arts Higher Level I**	Grade 11	Studio Art and Design 1 and 2 or permission of instructor	Not specified	Yes
Visual Arts	**IB Visual Arts Higher Level II**	Grade 12	IB Visual Arts Higher Level I	Not specified	Yes
Visual Arts	**IB Visual Arts Standard Level I**	Grade 11	Studio Art and Design 1 and 2 or permission of instructor	Not specified	Yes
Visual Arts	**IB Visual Arts Standard Level II**	Grade 12	IB Visual Arts Standard Level I	Not specified	No – APS does not offer a second year of standard IB visual arts
Visual Arts	**Ceramics 1**	Grades 10-12	Studio Art and Design 1 or permission of instructor	Year	Yes
Visual Arts	**Ceramics 2**	Grades 11-12	Ceramics 1	Year	Yes
Visual Arts	**Ceramics 2 Dual Enrollment**	Grades 11-12	Ceramics 1	Not specified	No – APS does not offer a dual enrollment ceramics course
Visual Arts	**Drawing (2-D Studio Art)**	Grades 10-12	Studio Art and Design 1 or permission of instructor	Not specified	Yes
Visual Arts	**Jewelry**	Grades 10-12	Studio Art and Design 1 or permission of instructor	Not specified	Yes
Visual Arts	**Painting (2-D Studio Art)**	Grades 10-12	Studio Art and Design 1 or permission of instructor	Not specified	Yes
Visual Arts	**Photography 1**	Grades 9-12	None required	Not specified	Yes
Visual Arts	**Photography 2**	Grades 10-12	Photography 1	Not specified	Yes
Visual Arts	**Photography 3**	Grades 11-12	Photography 2	Not specified	Yes
Visual Arts	**Photography 4: Portfolio Preparation**	Grade 12	Photography 3	Not specified	Yes
Visual Arts	**Printmaking (2-D Studio Art)**	Grades 10-12	Studio Art and Design 1 or permission of instructor	Not specified	No – APS does not offer printmaking
Visual Arts	**Sculpture 1**	Grades 10-12	Studio Art and Design 1 or permission of instructor	Not specified	Yes
Visual Arts	**Sculpture 2**	Grades 10-12	Sculpture 1	Not specified	Yes

Source: APS, [80] Fairfax County Public Schools[81]

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[80] [1] "The Arlington Middle Program of Studies," Op. cit. [2] "Program of Studies 2016-2017," Op. cit. [3] "Copy of 2016-17 APS Secondary Course Enrollment," Op. cit.

FREDERICK COUNTY PUBLIC SCHOOLS

COURSE TYPE	COURSE NAME	GRADE LEVEL	PREREQUISITE	COURSE LENGTH	SIMILAR/ EQUIVALENT COURSE OFFERED BY APS?
Middle School					
Drama	**Drama and Oral Interpretation**	Grades 7-8	None required	Semester	Yes
Music	**Band**	Grade 6	None required	Year	Yes
Music	**Beginning Band**	Grade 7	None required	Year	Yes
Music	**Concert Band**	Grades 7-8	Previous music experience	Year	Yes
Music	**Percussion Ensemble**	Grades 7-8	Audition	Year	No – APS offers band but not a percussion-specific course
Music	**Symphonic Band**	Grades 7-8	Audition	Year	No
Music	**Jazz Ensemble**	Grades 7-8	Audition	Year	Yes
Music	**Grade 6 Chorus**	Grade 6	None required	Not specified	Yes
Music	**Intermediate Chorus**	Grades 7-8	Previous music experience	Year	Yes
Music	**Advanced Chorus**	Grades 7-8	Audition	Year	Yes
Music	**Music**	Grade 6	None required	Year	Yes (wheel)
Visual Arts	**Art 6**	Grade 6	None required	Not specified	Yes
Visual Arts	**Art I**	Grades 7-8	Art 6	Semester	Yes
Visual Arts	**Art II**	Grades 7-8	Art I	Semester	Yes
Visual Arts	**Select Art Foundations**	Grades 7-8	Permission of the instructor	Semester	No
Visual Arts	**Select Art Studio**	Grades 7-8	Select Art Foundations	Semester	No
High School					
Dance	**Color Guard**	Grades 9-12	Audition	Not specified	Yes
Drama	**Drama I**	Grades 10-12	None required	Year	Yes
Drama	**Drama II**	Grades 10-12	Drama I	Year	Yes
Drama	**Drama III**	Grades 11-12	Drama II, interview, and permission of the instructor	Not specified	Yes

[81] [1] "Course Catalogs." Fairfax County Public Schools. https://www.fcps.edu/node/31232 [2] "Middle School Fine Arts." Fairfax County Public Schools. https://www.fcps.edu/academics/middle-school-academics-7-8/fine-arts [3] "High School Fine Arts." Fairfax County Public Schools. https://www.fcps.edu/academics/high-school-academics-9-12/fine-arts

Course Type	Course Name	Grade Level	Prerequisite	Course Length	Similar/ Equivalent Course Offered by APS?
Media Arts	**Digital Visualization**	Grades 10-12	Communication Systems or Basic Technical Drawing Design	Not specified	Yes
Media Arts	**Graphic Communications**	Grades 10-12	Communication Systems	Not specified	Yes
Media Arts	**Imaging Technology**	Grades 10-12	Communication Systems	Not specified	Yes
Music	**Concert Band/Marching Band**	Grades 9-12	Previous music experience	Not specified	Yes
Music	**Symphonic Band/Marching Band**	Grades 9-12	Audition	Not specified	Yes
Music	**Chamber Ensemble**	Grades 9-12	Audition or teacher recommendation	Not specified	Yes
Music	**Instrumental Ensemble**	Grades 9-12	Teacher recommendation	Not specified	Yes
Music	**Jazz Ensemble**	Grades 9-12	Audition	Not specified	Yes
Music	**Mixed Chorus**	Grades 9-12	None required	Not specified	Yes
Music	**Concert Choir**	Grades 9-12	Audition	Not specified	Yes
Music	**Treble Ensemble**	Grades 9-12	Audition or teacher recommendation	Not specified	Yes
Music	**AP Music Theory/History**	Grades 10-12	Previous music experience and teacher recommendation	Not specified	Yes
Visual Arts	**Arts and Design**	Grades 9-12	None required	Not specified	Yes
Visual Arts	**Arts and Design II**	Grades 10-12	Arts and Design and permission of the instructor	Not specified	Yes
Visual Arts	**Drawing and Painting**	Grades 9-12	None required	Not specified	Yes
Visual Arts	**Drawing II**	Grades 10-12	Drawing and Painting and permission of the instructor	Not specified	Yes
Visual Arts	**Painting II**	Grades 10-12	Drawing and Painting and permission of the instructor	Not specified	Yes

Source: APS,[82] Frederick County Public Schools[83]

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[82] [1] "The Arlington Middle Program of Studies," Op. cit. [2] "Program of Studies 2016-2017," Op. cit. [3] "Copy of 2016-17 APS Secondary Course Enrollment," Op. cit.

[83] [1] "Visual Arts." Frederick County Public Schools. http://www.frederick.k12.va.us/cms/one.aspx?portalId=135936&pageId=3542534

[2] "Music." Frederick County Public Schools. http://www.frederick.k12.va.us/cms/one.aspx?portalId=135936&pageId=3542528

[3] "Technology Education - CTE." Frederick County Public Schools. http://www.frederick.k12.va.us/cms/one.aspx?portalId=135936&pageId=3542533

[4] "English Elective Course Offerings." Frederick County Public Schools. http://www.frederick.k12.va.us/cms/one.aspx?portalId=135936&pageId=3542521

[5] "Seventh Grade Full-Year Electives." Frederick County Public Schools. http://www.frederick.k12.va.us/cms/one.aspx?portalId=135936&pageId=3542572

[6] "Seventh Grade Half-Year Electives." Frederick County Public Schools. http://www.frederick.k12.va.us/cms/one.aspx?portalId=135936&pageId=3542573

[7] "Eighth Grade Half-Year Electives." Frederick County Public Schools. http://www.frederick.k12.va.us/cms/one.aspx?portalId=135936&pageId=3542576

[8] "Eighth Grade Full-Year Electives." Frederick County Public Schools. http://www.frederick.k12.va.us/cms/one.aspx?portalId=135936&pageId=3542575

LOUDON COUNTY PUBLIC SCHOOLS

COURSE TYPE	COURSE NAME	GRADE LEVEL	PREREQUISITE	COURSE LENGTH	SIMILAR/ EQUIVALENT COURSE OFFERED BY APS?
Middle School					
Music	**Band 6**	Grade 6	None required	Not specified	Yes
Music	**Band 7**	Grade 7	Band 6 or previous music experience	Not specified	Yes
Music	**Band 8**	Grade 8	Band 7 or previous music experience	Not specified	Yes
Music	**Chorus 6**	Grade 6	None required	Not specified	Yes
Music	**Chorus 7**	Grade 7	None required	Not specified	Yes
Music	**Chorus 8**	Grade 8	None required	Not specified	Yes
Music	**Guitar 7**	Grade 7	None required	Not specified	Yes
Music	**Guitar 8 - Level 1**	Grade 8	None required	Not specified	Yes
Music	**Guitar 8 - Level 2**	Grade 8	Guitar 7 - Level 1 or previous music experience	Not specified	No – APS offers two guitar courses in middle school
Music	**Music Lab 6**	Grade 6	None required	Not specified	Yes (wheel)
Music	**Strings 6**	Grade 6	None required	Year	Yes
Music	**Strings 7**	Grade 7	Strings 6 or previous music experience	Not specified	Yes
Music	**Strings 8**	Grade 8	Strings 7 or previous music experience	Not specified	Yes
Visual Arts	**Art 6**	Grade 6	None required (core course)	1 semester	Yes
Visual Arts	**Art 7**	Grade 7	None required	Year	Yes
Visual Arts	**Art 8**	Grade 8	None required	Semester or year	Yes
High School					
Drama	**Technical Theater I**	Grades 9-12	None required	Year	Yes
Drama	**Technical Theater II**	Grades 11-12	Technical Theater I	Year	Yes
Drama	**Theater Arts I**	Grades 9-12	None required	Year	Yes
Drama	**Theater Arts II**	Grades 10-12	Theater Arts I	Year	Yes
Drama	**Theater Arts III**	Grades 11-12	Theater Arts II	Year	Yes
Drama	**Theater Arts IV**	Grade 12	Theater Arts III	Year	Yes

[9] "The 6th Grade Program." Frederick County Public Schools. http://www.frederick.k12.va.us/cms/one.aspx?portalId=135936&pageId=3542570

Course Type	Course Name	Grade Level	Prerequisite	Course Length	Similar/ Equivalent Course Offered by APS?
Media Arts	**Computer & Digital Animation I**	Grade 11	Application or exam	Not specified	Yes
Media Arts	**Computer & Digital Animation II**	Grade 12	Computer & Digital Animation I	Not specified	Yes
Media Arts	**Computer Graphic Design**	Grades 10-12	Art I	1 semester	Yes
Media Arts	**Graphic Communications I**	Grade 11	Application or exam	Not specified	Yes
Media Arts	**Graphic Communications II**	Grade 12	Graphic Communications I	Not specified	Yes
Media Arts	**Television Production I/Digital Moviemaking I**	Grade 11	Application or exam	Year	Yes
Media Arts	**Television Production II/Digital Moviemaking II**	Grade 12	Television Production I/Digital Moviemaking I	Year	Yes
Music	**Instrumental Methods**	Grades 9-12	Teacher recommendation or audition	Year	Yes
Music	**Performance Ensemble I**	Grades 9-12	Teacher recommendation or audition	Year	Yes
Music	**Performance Ensemble II**	Grades 9-12	Teacher recommendation or audition	Year	Yes
Music	**Jazz Ensemble**	Grades 9-12	Teacher recommendation or audition	Year	Yes
Music	**Men's Chorus**	Grades 9-12	Audition	Year	Yes
Music	**Men's Chorus (no experience)**	Grades 9-12	None required	Year	No – APS offers only one men's chorus class
Music	**Mixed Chorus**	Grades 9-12	None required	Year	Yes
Music	**Men's Chorus**	Grades 9-12	Audition	Year	Yes
Music	**Women's Chorus**	Grades 9-12	Audition	Year	Yes
Music	**Women's Chorus (no experience)**	Grades 9-12	None required	Year	Yes
Music	**Small Vocal Ensemble**	Grades 9-12	Audition	Year	Yes
Music	**Advanced Mixed Chorus**	Grades 9-12	Audition	Year	Yes
Music	**Beginning Guitar**	Grades 9-12	None required	Year	Yes
Music	**Intermediate Guitar**	Grades 9-12	Beginning Guitar, audition, or teacher recommendation	Year	Yes
Music	**Advanced Guitar**	Grades 9-12	Intermediate Guitar, audition, or teacher recommendation	Year	No – APS offers two levels of guitar
Music	**Artist Level Guitar**	Grades 9-12	Advanced Guitar, audition, or teacher recommendation	Year	No
Music	**Beginning Orchestra**	Grades 9-12	None required	Year	Yes

Course Type	Course Name	Grade Level	Prerequisite	Course Length	Similar/ Equivalent Course Offered by APS?
Music	**Intermediate Orchestra**	Grades 9-12	Previous orchestra experience, Beginning Orchestra, or teacher recommendation	Year	Yes
Music	**Advanced Orchestra**	Grades 9-12	Intermediate Orchestra or teacher recommendation	Year	Yes
Music	**Artist Orchestra**	Grades 9-12	Advanced Orchestra or teacher recommendation	Year	No – APS offers string and chamber orchestra courses in high school
Music	**Music Theory/History**	Grades 9-12	None required	Year	Yes
Music	**AP Music Theory**	Grades 9-12	Music Theory/History or teacher recommendation	Year	Yes
Music	**Music Appreciation**	Grades 9-12	None required	Year	Yes (wheel)
Visual Arts	**Art I**	Grades 9-12	None required	Year	Yes
Visual Arts	**Art II**	Grades 10-12	Art I	Year	Yes
Visual Arts	**Art III**	Grades 11-12	Art II	Year	Yes
Visual Arts	**Art IV**	Grade 12	Art III	Year	Yes
Visual Arts	**AP Studio Art**	Grade 12	Art III	Year	Yes
Visual Arts	**Drawing and Painting**	Grades 10-12	Art I	1 semester	Yes
Visual Arts	**Photography (Semester)**	Grades 10-12	None required	1 semester	Yes
Visual Arts	**Photography (Year)**	Grades 10-12	None required	Year	Yes
Visual Arts	**Sculpture**	Grades 10-12	Art I	1 semester	Yes
Visual Arts	**Survey of Art and Architecture History I**	Grades 9-12	None required	1 semester	Yes
Visual Arts	**Survey of Art and Architecture History II**	Grades 9-12	None required	1 semester	Yes

Source: APS, [84] Loudoun County Public Schools[85]

[84] [1] "The Arlington Middle Program of Studies," Op. cit. [2] "Program of Studies 2016-2017," Op. cit. [3] "Copy of 2016-17 APS Secondary Course Enrollment," Op. cit.
[85] [1] "Program of Studies - High School - Academic Year 2017-2018." Loudoun County Public Schools.

PROJECT EVALUATION FORM

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4401 Wilson Boulevard, Suite 400
Arlington, VA 22203
P 202.559.0500 **F** 866.808.6585
www.hanoverresearch.com

COLLEGE AND CAREER READINESS IN THE ARTS

Prepared for Arlington Public Schools

April 2018

In this report, Hanover Research presents an analysis of the skills and qualifications required for admission into postsecondary arts programs and entry into arts-related occupations.

TABLE OF CONTENTS

EXECUTIVE SUMMARY AND KEY FINDINGS

INTRODUCTION

Arlington Public Schools (APS) is in the process of evaluating its arts course offerings to determine whether these courses: 1) are comparable to peer school divisions; 2) are offered equitably across APS' schools; 3) satisfy the prerequisites for enrollment in programs at colleges and universities; and 4) correspond with the skills and training required for gaining entry-level work in the arts. As such, APS has partnered with Hanover Research to assess the division's middle and high school arts courses. This report addresses the latter two research questions related to postsecondary prerequisites and entry-level training in two sections:

- **Section I: Postsecondary Arts Prerequisites and Admissions Requirements** provides an overview of arts program admissions requirements at 13 institutions of higher education in APS' region and nationally.

- **Section II: Employment Projections** describes typical entry-level requirements for arts-related occupations and examines long-term employment projections at the national and regional levels.

To complement the analysis provided in this report, the accompanying data supplement, "College and Career Readiness in the Arts – Data Supplement," provides a detailed overview of admissions and application requirements in arts programs at the 13 institutions discussed in this report.

KEY FINDINGS

- **Although most postsecondary programs require applicants to demonstrate experience and skills in their chosen field, few require students to complete a specific course sequence in high school**. Students must provide evidence of their skills and ability through auditions, portfolios, personal statements, resumes, interviews, or other application materials. However, evidence of the applicant's skills can be derived from in-school coursework as well as from out-of-school activities and experiences. Just a small number of programs explicitly encourage applicants to complete secondary coursework related to their chosen major—the Maryland College Institute of Art, for example, encourages students to enroll in high school arts classes which build skills over time, including Advanced Placement and International Baccalaureate classes.

- **Common application requirements for arts programs include the following**:
  - *Dance*: Applicants are generally required to demonstrate ballet barre and modern dance techniques in their audition.
  - *Drama:* Applicants to acting programs are generally required to complete an audition consisting of at least two brief, contrasting monologues. Musical theater applicants typically complete an acting audition as well as a voice audition (consisting of around two songs in different styles) and a jazz dance audition. Applicants to technical theater and dramaturgy programs must submit a portfolio showing evidence of their experience in theater and/or writing samples demonstrating their ability to critically analyze dramatic works.
  - *Music:* Applicants to performance programs usually complete an audition in which they play several pieces of contrasting styles from the instrument's standard repertoire. Typically, they must also demonstrate their ability to sight read and play major and minor scales. Voice applicants must perform several songs of contrasting styles in different languages (e.g. French, Italian, German). Composition applicants are generally required to complete a performance audition and submit a portfolio of around three to five original compositions.
  - *Visual and Media Arts*. Applicants are generally required to submit a portfolio of around 10 to 20 works demonstrating their technical skills, creativity, and approach to visual arts and design. However, these works are usually not required to have been completed in a high school course.

- **Nationally and in APS' region, arts occupations for which the highest growth is expected from 2014 to 2024 include Actors and Multimedia Artists and Animators**. In addition, Graphic Designers are a very high-volume occupation for which some growth is expected. Typical entry-level qualifications for these and other arts-related occupations is a bachelor's degree or moderate- to long-term on-the-job training.

SECTION I: POSTSECONDARY ARTS PREREQUISITES AND ADMISSIONS REQUIREMENTS

This section provides an overview of admissions requirements in arts programs at Virginia universities and select studio art, conservatory, and performing arts schools, including:

- Carnegie Mellon University;
- Eastman School of Music, University of Rochester;
- George Mason University;
- James Madison University;
- Julliard School;
- Maryland Institute College of Art;
- Oberlin College and Conservatory;
- Rhode Island School of Design;
- School of the Art Institute of Chicago;
- University of California, Los Angeles;
- College-Conservatory of Music, University of Cincinnati;
- Virginia Commonwealth University; and
- Virginia Polytechnic Institute and State University (Virginia Tech).

In addition, the data supplement accompanying this report provides a detailed description of admissions requirements for arts programs at these institutions, including any stated eligibility or admissions criteria; pre-screening requirements; letter(s) of recommendation; personal statement, portfolio, and audition requirements; and art or design assignments which are included as part of the admissions process.
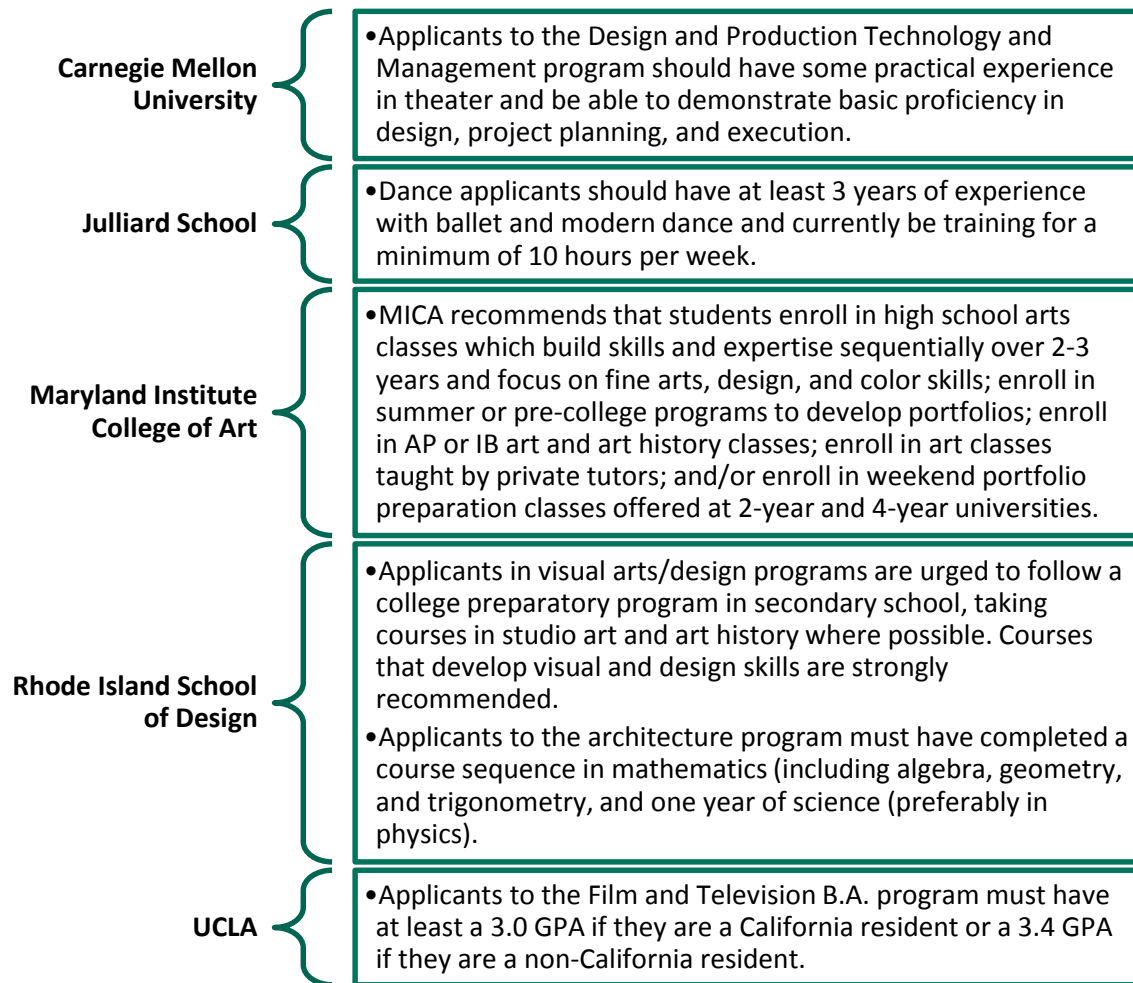
GENERAL REQUIREMENTS

Most programs require a personal statement or interview in which the applicant discusses their interest, experience, and professional aspirations in their chosen field and their interest in the specific program to which they have applied. In addition, most programs require portfolios, auditions, or other evidence of the student's experience, skills, and ability in the program area to which they are applying. **However, few institutions state specific high school coursework or training requirements needed for admission.**

An exception to this trend is a small number of art schools and theater, dance, and architecture programs, described in Figure 1.1 on the following page. The Rhode Island School of Design (RISD) and the Maryland Institute College of Art (MICA), for instance, both recommend that students enroll in arts courses in high school, and Julliard's dance program requires that students have at least three years of dance and ballet experience and training for a minimum of 10 hours per week. The remaining programs, however, do not require or recommend that students complete specific coursework or training in high school.

Moreover, although studio art and design programs generally require portfolio submissions, the works submitted are not required to have been completed in a high school class. In fact, several institutions encourage applicants to submit independently created projects. The Rhode Island School of Design, for example, states that applicants may submit works resulting either from "an assigned project or self-directed exploration," [1] while the University of California, Los Angeles (UCLA) and Carnegie Mellon University both state that students are especially encouraged to submit self-initiated projects rather than classroom assignments. [2]

Figure 1.1: Overview of Programs with Stated Pre-Requisite and Training Requirements

Carnegie Mellon University	• Applicants to the Design and Production Technology and Management program should have some practical experience in theater and be able to demonstrate basic proficiency in design, project planning, and execution.
Julliard School	• Dance applicants should have at least 3 years of experience with ballet and modern dance and currently be training for a minimum of 10 hours per week.
Maryland Institute College of Art	• MICA recommends that students enroll in high school arts classes which build skills and expertise sequentially over 2-3 years and focus on fine arts, design, and color skills; enroll in summer or pre-college programs to develop portfolios; enroll in AP or IB art and art history classes; enroll in art classes taught by private tutors; and/or enroll in weekend portfolio preparation classes offered at 2-year and 4-year universities.
Rhode Island School of Design	• Applicants in visual arts/design programs are urged to follow a college preparatory program in secondary school, taking courses in studio art and art history where possible. Courses that develop visual and design skills are strongly recommended. • Applicants to the architecture program must have completed a course sequence in mathematics (including algebra, geometry, and trigonometry, and one year of science (preferably in physics).
UCLA	• Applicants to the Film and Television B.A. program must have at least a 3.0 GPA if they are a California resident or a 3.4 GPA if they are a non-California resident.

Source: Institutional websites

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[1] "First-Year (Freshman) Applicants." Rhode Island School of Design. http://www.risd.edu/Admissions/Apply/Freshmen/

[2] [1] "UCLA Department of Art - Fall 2017 - Supplemental Application Worksheet." University of California, Los Angeles. p. 3. http://www.arts.ucla.edu/pdf/sup/2017_ART_SuppApp_Worksheet.pdf [2] "Art Portfolio Review Preparation & Tips." Carnegie Mellon University. http://admission.enrollment.cmu.edu/pages/art-portfolio-review-preparation-tips

DANCE REQUIREMENTS

Auditions for dance programs typically require students to demonstrate 1) ballet barre work, 2) modern center work, and 3) improvisation. Pointe work is not a required part of the audition process except for at the University of Cincinnati's conservatory.[3] A sample of audition requirements at the institutions examined in this report is provided in Figure 1.2.

Figure 1.2: Sample Dance Audition Requirements

George Mason University	Audition consists of a 2-hour technique class with 1) ballet barre, and 2) modern center work and repertoire. Applicants should also submit a video of a two-minute solo.
James Madison University	Audition consists of 1) ballet barre in ballet shoes, 2) contemporary modern center and across-the-floor combinations in bare feet, and 3) directed improvisation.
University of California, Los Angeles	Live auditions consist of a one-minute individual showing of the individual's own choreography in any style, as well as participation in a group class offering warm-up and two styles of movement. Applicants should also be prepared to answer questions regarding their experience and background.
University of Cincinnati	The live audition consists of 1) traditional barre, 2) pointe work, and 3) modern dance components. Applicants must also submit a video of a solo variation from the standard, classical repertoire.

Source: Institutional websites[4]

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[3] "Application Handbook 2017-2018." College-Conservatory of Music, University of Cincinnati. p. 9.
http://ccm.uc.edu/content/dam/ccm/admissions/docs/6818-CCM%20App%20Handbook%2017-18_web.pdf

[4] See the "Source" column in the "Admissions Requirements" and "Detailed Audition Information" tabs in the accompanying data supplement.

DRAMA REQUIREMENTS

Applicants to programs in acting are typically required to complete an audition consisting of around two monologues in contrasting styles (i.e. from different types of plays or from plays from different periods). During the audition, applicants may be asked to adjust their performance based on feedback from the faculty panel. Further, applicants may be required to participate in a group acting or movement class in order for faculty to observe how applicants work with others and respond to feedback. Musical theater applicants must typically complete an acting audition as well as a singing and dance audition in which they perform several songs of contrasting styles and learn and perform a dance routine.

Programs in technical theater topics, such as production design or directing, typically require an interview and portfolio demonstrating the applicant's skills and experience in theater. Portfolios require work such as prompt books, photos of sets, light plots, images of costumes or scenery, or director's notebooks.

Finally, programs in playwriting and dramaturgy typically require a short acting audition and the submission of writing samples such as screenplays or critical analysis. Figure 1.3 on the following page provides examples of application requirements for drama programs.

Figure 1.3: Sample Application Requirements for Drama Programs

Carnegie Mellon University

- **Acting** - Audition requires 2 contrasting, one-minute monologues, one from a pre-1900 play with an emphasis on heightened language and one from a contemporary piece written in the 20th/21st century.
- **Music Theater** - Audition consists of 2 contrasting, one-minute monologues; 2 songs of contrasting style (16 bars each), one contemporary and one from a musical written prior to 1966; and a jazz dance audition demonstrating proficiency and potential for growth in dance.
- **Design Production Technology and Management** - Applicants must submit a portfolio of 15 works in any media demonstrating proficiency in design, project, planning, and execution.
- **Dramaturgy** - Applicants must submit a letter describing their experience and ambitions in theater and 2 writing samples demonstrating their ability to use evidence to support a thesis.
- **Directing** - Applicants must perform a monologue at an audition and provide a written critical analysis of the play from which the monologue is drawn. They must also submit a portfolio with evidence of their "creative life," such as production photographs from shows produced or directed, examples of creative writing, or examples of visual art.

George Mason University

- **Theater - Performance** - Audition consists of 2 contrasting monologues (three minutes total). Faculty will ask applicants to make adjustments and repeat portions of their work.
- **Musical Theater** - Audition consists of 2 contrasting monologues and 2 prepared songs that demonstrate variety.
- **Design and Technical Theater** - Applicants must submit a portfolio consisting of work such as photos, design sketches, technical drawings, playbills, reviews, or elements of the design process.
- **Playwriting and Dramaturgy -** Applicants must submit an original 3-5 page writing sample (screenplay, essay, or critical analysis) and perform a two-minute monologue.

University of Cincinnati

- **Acting** - Audition consists of 2 contrasting monologues, one classical and one contemporary.
- **Musical Theater** - Audition consists of a dance, vocal, and acting component. Applicants must perform one ballad and one up-tempo song, a jazz Broadway dance number, and a one-minute monologue.
- **Theater Design and Production** - Applicants must complete an interview and submit a personal statement in which they discuss their experience, achievements, and goals.

Source: Institutional websites[5]

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[5] Ibid

MUSIC REQUIREMENTS

In general, applicants to music performance programs must complete an audition in which they perform several pieces—around two to five pieces or excerpts—from the standard repertoire for their instrument. During the audition, applicants may also be asked to sight read and play major and minor scales. Applicants to jazz studies programs are usually asked to improvise during their audition. Applicants to voice programs are typically required to sing pieces in several languages—English as well as French, German, and/or Italian. A sample of application requirements for music performance and voice programs is provided in Figure 1.4.

Figure 1.4: Sample Music Audition Requirements

INSTRUMENT AND AUDITION REQUIREMENTS	
BRASS AND WOODWIND	
Flute	**Trumpet**
▪ **Carnegie Mellon** – 1 Mozart concerto; 1 standard work of the 20th century; 4 orchestral excerpts of contrasting styles; and major and minor scales ▪ **Julliard** - 1 complete Baroque sonata; 2 complete major works of contrasting styles and periods; 1 complete classical concerto; 1 piece by Busser, Chaminade, DuVernoy, Enesco, Faure, Louis Ganne, Gaubert, Perilhou, or Taffanel; and 4 standard orchestral excerpts displaying a balance of technical and lyrical playing.	▪ **Oberlin -** 2-3 selections of contrasting styles from standard repertoires. Compositions should demonstrate the applicant's ability in phrasing, sustained playing, and technical facility, including legato and staccato at varied tempi. ▪ **University of Cincinnati** - All major and minor scales and arpeggios; 1 etude; 1 solo; and 4 orchestral excerpts from Bach, Mahler, Respighi, Stravinsky, Ravel, or Strauss. Applicants should also prepare for possible sight reading and transposition.
KEYS	
Piano	**Organ**
▪ **James Madison University** - 2 selections of contrasting selections that demonstrate the applicant's technical and musical ability. 1 selection must be at the level of Beethoven, Mozart, or Haydn sonatas; Bach preludes and fugues; and similarly representative works from the 19th and 20th centuries. ▪ **UCLA** - Bach prelude and fugue; a first movement of a sonata by Haydn, Mozart, or Beethoven; a romantic work or 20th century work; and virtuoso etude of Chopin, Liszt, Scriabin, Rachmaninoff, Debussy, Bartok, or Ligeti. Sight reading may be required.	▪ **Eastman School of Music** - At least one work by Bach or another Baroque composer; 2 selections by romantic or contemporary composers, one primarily lyrical and one primarily virtuosic. ▪ **Julliard** - A prelude and fugue for organ by J.S. Bach, an organ composition by a 19th-century composer; an organ composition by a representative 20th/21st century composer. Applicants may also be asked to sight read.

INSTRUMENT AND AUDITION REQUIREMENTS	
Jazz	

- **George Mason University -** 2 selections in contrasting styles (Blues/Bop, Fusion/Cool, Swing/Early Jazz, etc.); 1 jazz piece, etude, or solo transcription.
- **Julliard -** Etude, big band excerpts, and required repertoire as required for each instrument. Musicianship assessments will occur for all those invited to the second round and requires sight reading and improvisation, and discussion of the original creative project submitted prior to the audition (instructions provided to those who pass the pre-screening).
- **Oberlin** *(Trumpet, Trombone, and Saxophone)* **-** F Blues, four choruses with appropriate blues head and improvisation of 3 choruses; *Body and Soul*, two choruses, improvise on the first two A sections and bridge; *Ladybird*, four choruses, improvise the last three choruses; Rhythm Changes, three choruses, improvise the last two choruses.

STRINGS	
Violin	**Cello**

Carnegie Mellon - 1 etude from Kreutzer, Fiorillo, Rode, or Gavinies, or a caprice by Wieniawski or Paganni; an allegro movement of a non-Baroque concerto; and 1 movement of a Bach solo sonata or partita. **Julliard** - 1 slow and fast movement from 19th, 20th, and 21st century concerto; 2 contrasting movements from an unaccompanied Bach sonata or partita; 1 Paganini caprice; and 1 brilliant concert piece.	**Carnegie Mellon** - Any major or minor scale in 3 octaves; 1 etude by Duport, Popper, or Piatti; 1 movement of a standard concerto; and 1 prelude from a Bach Unaccompanied Suite. **Julliard** - 1 movement from a concerto from the standard cello repertoire; a Bach prelude and one other movement from any Bach suite; 1 virtuoso piece; 1 work composed after 1945; 1 short lyrical piece; and 1 first movement of a classical or romantic sonata.

PERCUSSION

- **Carnegie Mellon** - Snare drum - rudimental solo/etude and concert snare drum solo/etude of applicant's choice; Timpani - solo/etude of applicant's choice; Mallets - two-mallet solo/etude and four-mallet solo/etude of applicant's choice and major and minor scales and arpeggios.
- **George Mason University** - 1 snare drum solo, 1 four-mallet solo, 1 two-mallet solo, and one Timpani etude
- **University of Cincinnati** - Snare drum - prepared solo or etude; Mallet instruments - solo, scales and arpeggios, and demonstration of two- and four-mallet technique; Timpani - prepared etude.
- **Virginia Tech** - Musical selections from the 3 primary percussion instruments: snare drum (rudiments, a concert etude, and a rudimental etude), mallet instruments (scales, arpeggios, a 2-mallet etude or solo and a 4-mallet solo), and timpani.

VOICE

- **Eastman School of Music** - 3 pieces in varying musical styles and in 3 different languages, one of which may be in English
- **Julliard** - 1 Italian art song or aria from the 18th century or earlier; 1 song in English; and a third song in any language.
- **Virginia Tech** - 3 pieces, including one in English and one in either Italian, French, or German. Two must be classical art songs or arias in contrasting styles, and the third song may from a classical work or from a Broadway musical.

Source: Institutional websites[6]

Applicants to music composition or theory programs are generally required to audition in an instrument of the applicant's choice and/or complete an interview discussing their musical training, experience, skills, and goals. Composition applicants must also submit a portfolio of several original scores. Students are generally not required to have experience with music

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[6] Ibid.

composition software, although the University of Cincinnati encourages students to use Finale or Sibelius software to create the scores included in the portfolio.[7] Oberlin College is the only institution among those examined which requires music theory exam as part of the application for admission. However, this exam is for course placement purposes rather than for admission.[8]

VISUAL AND MEDIA ARTS REQUIREMENTS

In general, visual and media arts programs require the submission of a **portfolio of around 10 to 20 works in various 2-D and 3-D media**. Works in the portfolio should demonstrate the applicant's creativity, technical skills, and artistic interests. Programs generally encourage applicants to include drawings from observation rather than copied from photos. As discussed previously, students may submit works created in or outside of class, although some institutions are especially interested in self-initiated work. For students who do not have enough works to submit a complete portfolio, Carnegie Mellon allows applicants to complete a design project consisting of several drawing and photography assignments.[9] However, the other institutions examined in this report do not appear to offer this option. Examples of required portfolio submissions are described in Figure 1.5.

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[7] "Application Handbook 2017-2018," Op. cit., p. 11.
[8] "Placement and Testing." Student Academic Affairs, Oberlin College and Conservatory.
   https://new.oberlin.edu/conservatory/student-academic-affairs/orientation/placement-and-testing.dot#theory
[9] "Design Project." Carnegie Mellon University. http://design.cmu.edu/files/designproject_090821.pdf

Figure 1.5: Example Portfolio Requirements for Visual Arts Programs

Carnegie Mellon	Portfolios should contain 12-20 recent works in any media. The university prefers work created independently and outside of the classroom. Portfolios are reviewed for imagination, creative thinking skills, and technical skills. If students do not have enough work to create a portfolio, they may complete a design project.
Maryland Institute College of Art	The portfolio should be a selection 10-20 pieces of recent artwork that represents the applicant's artistic interests and technical skills and ability. It can include examples of drawing, painting, sculpture, printmaking, photography, and other media.
Rhode Island School of Design	The portfolio should show a selection of 12-20 examples of the applicant's best art work. The work should reflect the full range of the applicant's ideas, interests, experiences, and abilities in the arts, and can be in any medium, either finished or sketch form, and the result of an assigned project or self-directed exploration. RISD encourages applicants to include pages from a journal or sketchbook to indicate their process of research, thinking, and investigation.
School of the Art Institute of Chicago	Portfolio should consist of 10-15 pieces of the applicant's best and most recent work in a single media or breadth of media. The portfolio may include drawings, prints, photographs, paintings, film, video, audio recordings, sculpture, ceramics, fashion designs, graphic design, furniture, objects, architectural designs, websites, video games, sketchbooks, scripts, storyboards, screenplays, zines, or any combination.

Source: Institutional websites[10]

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[10] See the "Source" column in the "Admissions Requirements" tab in the accompanying data supplement.

SECTION II: EMPLOYMENT PROJECTIONS

This section describes typical entry-level requirements for arts-related occupations and examines national and regional employment projections.

METHODS

To determine the employment outlook for arts-related occupations, Hanover examines 10-year national and state employment projections. This analysis relies on occupational-level projections from 2014 to 2024, using data from the Bureau of Labor Statistics (BLS) and state labor departments. The BLS classifies occupations through the Standard Occupational Classification (SOC) system, a taxonomical structure used to "classify workers into occupational categories for the purpose of collecting, calculating, and disseminating data."[11]

The broadest occupational category—or "major group"—is indicated by a two-digit SOC code; the most specific occupational category—or "detailed group"—is indicated by a six-digit SOC code. These categories and divisions are based on the general work performed in the fulfillment of professional responsibilities and on the common requisite skills, education, and training that are required to successfully perform those duties.[12]

To identify arts-related occupations, Hanover included occupations listed under the occupational category 27 — Arts, Design, Entertainment, Sports, and Media Occupations. Detailed descriptions of these SOC codes are provided in the Appendix.

EDUCATIONAL AND TRAINING REQUIREMENTS IN ARTS OCCUPATIONS

Arts-related occupations and their respective six-digit SOC codes, along with typical educational and training requirements as defined by BLS, are listed in Figure 2.1 on the following page. **A bachelor's degree is the typical entry-level education required for most arts-related occupations**. Occupations for which a degree is not a typical entry-level credential generally require moderate- to long-term training in the field.

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[11] "Standard Occupational Classification (SOC) System." U.S. Bureau of Labor Statistics. http://www.bls.gov/soc/
[12] Ibid.

Figure 2.1: Typical Education and Training for Arts-Related Occupations

OCCUPATION	TYPICAL ENTRY-LEVEL EDUCATION	WORK EXPERIENCE	TYPICAL ON-THE-JOB TRAINING
Artists and Design Workers			
27-1011 - Art Directors	Bachelor's degree	5 years or more	None
27-1012 - Craft Artists	No formal educational credential	None	Long-term on-the-job training
27-1013 - Fine Artists, Including Painters, Sculptors, and Illustrators	Bachelor's degree	None	Long-term on-the-job training
27-1014 – Multimedia Artists and Animators	Bachelor's degree	None	Moderate-term on-the-job training
27-1019 – Artists and Related Workers, All Other	No formal educational credential	None	Long-term on-the-job training
27-1021 – Commercial and Industrial Designers	Bachelor's degree	None	None
27-1022 – Fashion Designers	Bachelor's degree	None	None
27-1023 – Floral Designers	High school diploma or equivalent	None	Moderate-term on-the-job training
27-1024 – Graphic Designers	Bachelor's degree	None	None
27-1025 – Interior Designers	Bachelor's degree	None	None
27-1027 – Set and Exhibit Designers	Bachelor's degree	None	None
27-1029 – Designers, All Other	Bachelor's degree	None	None
Entertainers and Performers			
27-2011 - Actors	Some college, no degree	None	Long-term on-the-job training
27-2012 – Producers and Directors	Bachelor's degree	Less than 5 years	None
27-2031 – Dancers	No formal educational credential	None	Long-term on-the-job training
27-2032 – Choreographers	High school diploma or equivalent	5 years or more	Long-term on-the-job training
27-2041 – Music Directors and Composers	Bachelor's degree	Less than 5 years	None
27-2042 – Musicians and Singers	No formal educational credential	None	Long-term on-the-job training
Media and Communication Equipment Workers			
27-4021 - Photographers	High school diploma or equivalent	None	Long-term on-the-job training
27-4032 - Film and Video Editors	Bachelor's degree	None	None

Source: BLS[13]

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[13] "Employment Projections." U.S. Bureau of Labor Statistics. https://data.bls.gov/projections/occupationProj

NATIONAL PROJECTIONS

Figure 2.2 shows national employment projections for arts-related occupations from 2014 to 2024. **Overall, arts occupations are projected to experience growth of 4 percent during this ten-year period, behind the level of growth expected for all occupations (6.5 percent)**. High-growth occupations are largely in the performing arts and design fields, including Actors (9.5 percent), Producers and Directors (9.1 percent), Set and Exhibit Designers (6.8 percent), Designers, All Other (6.7 percent), and Multimedia Artists and Animators (6.1 percent). Among these occupations, Producers and Directors, Actors, and Multimedia Artists are expected to have the highest number of average annual job openings.

Figure 2.2: National Employment Projections for Arts-Related Occupations, 2014-2024

OCCUPATION	NUMBER		CHANGE, 2014-2024		AVG. ANNUAL OPENINGS
	2014	2024	No.	%	
Artists and Design Workers					
27-1027 – Set and Exhibit Designers	13,300	14,200	900	6.8%	410
27-1029 – Designers, All Other	8,900	9,500	600	6.7%	270
27-1014 – Multimedia Artists and Animators	64,400	68,300	3,900	6.1%	1,590
27-1025 – Interior Designers	58,900	61,100	2,200	3.7%	1,620
27-1013 - Fine Artists	26,300	27,100	800	3.0%	570
27-1022 – Fashion Designers	23,100	23,800	700	3.0%	620
27-1011 - Art Directors	74,600	76,400	1,800	2.4%	1,580
27-1021 – Commercial and Industrial Designers	38,400	39,200	800	2.1%	990
27-1024 – Graphic Designers	261,600	265,200	3,600	1.4%	6,580
27-1012 - Craft Artists	10,600	10,600	100	0.9%	200
27-1019 – Artists and Related Workers, All Other	13,400	13,500	100	0.7%	260
27-1023 – Floral Designers	58,700	56,700	-2,000	-3.4%	1,400
Entertainers and Performers					
27-2011 - Actors	69,400	76,100	6,600	9.5%	3,400
27-2012 – Producers and Directors	122,600	133,800	11,100	9.1%	5,050
27-2032 – Choreographers	7,100	7,500	400	5.6%	270
27-2031 – Dancers	13,000	13,600	600	4.6%	480
27-2041 – Music Directors and Composers	82,100	84,700	2,600	3.2%	2,640
27-2042 – Musicians and Singers	173,300	179,300	6,000	3.5%	5,630
Media and Communication Equipment Workers					
27-4021 - Photographers	124,900	128,800	3,900	3.1%	3,450
27-4032 - Film and Video Editors	25,400	25,900	500	2.0%	280
Total, All Select Arts Occupations	**1,278,100**	**1,328,800**	**50,600**	**4.0%**	**37,900**
Total, All Occupations	**150,539,900**	**160,328,800**	**9,799,900**	**6.5%**	**46,506,900**

Source: BLS[14]

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[14] Ibid.

REGIONAL PROJECTIONS

In APS' region,[15] arts occupations are expected to grow by 8.2 percent, higher than growth expected at the national level but lower than the regional growth rate for all occupations (12.2 percent). As shown in Figure 2.3, occupations with the highest levels of expected growth include Choreographers (23.4 percent), Film and Video Editors (16.9 percent), Actors (15.1 percent), and Multimedia Artists and Animators (13.0 percent). However, these occupations are relatively low-volume. Graphic Designers are the highest-volume art-related occupation in APS' region, and regional employment of Graphic Designers is expected to grow by 10.3 percent over this period, much higher than the national growth rate of 1.4 percent.

Figure 2.3: Regional Employment Projections for Arts-Related Occupations, 2014-2024

OCCUPATION	NUMBER		CHANGE, 2014-2024		AVG. ANNUAL OPENINGS
	2014	2024	NO.	%	
Artists and Design Workers					
27-1027 – Set and Exhibit Designers	1,460	1,650	190	13.0%	40
27-1029 – Designers, All Other	420	470	50	11.9%	10
27-1024 – Graphic Designers	12,500	13,790	1,290	10.3%	430
27-1027 – Set and Exhibit Designers	780	860	80	10.3%	30
27-1025 – Interior Designers	3,380	3,700	320	9.5%	120
27-1011 - Art Directors	2,240	2,430	190	8.5%	60
27-1013 - Fine Artists	1,110	1,170	60	5.4%	30
27-1021 – Commercial and Industrial Designers	930	940	10	1.1%	30
27-1019 – Artists and Related Workers, All Other	2,700	2,710	10	0.4%	70
27-1012 - Craft Artists	130	130	0	0.0%	0
27-1022 – Fashion Designers	110	110	0	0.0%	0
27-1023 – Floral Designers	2,440	2,300	-140	-5.7%	60
Entertainers and Performers					
27-2032 – Choreographers	470	580	110	23.4%	30
27-2011 - Actors	1,660	1,910	250	15.1%	80
27-2041 – Music Directors and Composers	840	920	80	9.5%	40
27-2042 – Musicians and Singers	2,070	2,250	180	8.7%	80
27-2012 – Producers and Directors	5,320	5,680	360	6.8%	200
27-2031 – Dancers	100	100	0	0.0%	0
Media and Communication Equipment Workers					
27-4032 - Film and Video Editors	650	760	110	16.9%	20
27-4021 - Photographers	3,730	4,110	380	10.2%	120
Total, All Select Arts Occupations	**43,040**	**46,570**	**3,530**	**8.2%**	**1,450**
Total, All Occupations	**7,394,430**	**8,299,240**	**904,810**	**12.2%**	**262,440**

Source: Projections Central[16]

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[15] Virginia, District of Columbia, and Maryland.
[16] "Projections Central - State Occupational Projections." Projections Central. http://www.projectionscentral.com/

APPENDIX: SOC CODE DESCRIPTIONS

Figure A.1: Selected SOC Codes, Titles, and Descriptions

OCCUPATION	DESCRIPTION
27-1011 - Art Directors	Formulate design concepts and presentation approaches for visual communications media, such as print, broadcasting, and advertising. Direct workers engaged in art work or layout design. Illustrative example: Magazine Designer.
27-1012 - Craft Artists	Create or reproduce hand-made objects for sale and exhibition using a variety of techniques, such as welding, weaving, pottery, and needlecraft. Illustrative examples: Quilter, Metal Arts Production Artist, Hand Potter.
27-1013 - Fine Artists, Including Painters, Sculptors, and Illustrators	Create original artwork using any of a wide variety of media and techniques. Illustrative examples: Sketch Artist, Scientific Illustrator, Ice Sculptor, Political Cartoonist.
27-1014 – Multimedia Artists and Animators	Create special effects, animation, or other visual images using film, video, computers, or other electronic tools and media for use in products or creations, such as computer games, movies, music videos, and commercials. Illustrative examples: Special Effects Artist, 3D Animator.
27-1019 – Artists and Related Workers, All Other	All artists and related workers not listed separately. Illustrative examples: Calligrapher, Tattoo Artist.
27-1021 – Commercial and Industrial Designers	Develop and design manufactured products, such as cars, home appliances, and children's toys. Combine artistic talent with research on product use, marketing, and materials to create the most functional and appealing product design. Illustrative examples: Package Designer, Automobile Designer.
27-1022 – Fashion Designers	Design clothing and accessories. Create original designs or adapt fashion trends. Illustrative examples: Dress Designer, Custom Furrier, Costume Designer.
27-1023 – Floral Designers	Design, cut, and arrange live, dried, or artificial flowers and foliage. Illustrative examples: Florist, Flower Arranger, Corsage Maker.
27-1024 – Graphic Designers	Design or create graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos. May use a variety of mediums to achieve artistic or decorative effects. Illustrative examples: Graphic Artist, Catalogue Illustrator.
27-1025 – Interior Designers	Plan, design, and furnish interiors of residential, commercial, or industrial buildings. Formulate design which is practical, aesthetic, and conducive to intended purposes, such as raising productivity, selling merchandise, or improving life style. May specialize in a particular field, style, or phase of interior design. Excludes "Merchandise Displayers and Window Trimmers" (27-1026). Illustrative examples: Kitchen Designer, Interior Decorator, Home Lighting Adviser.
27-1027 – Set and Exhibit Designers	Design special exhibits and movie, television, and theater sets. May study scripts, confer with directors, and conduct research to determine appropriate architectural styles. Illustrative examples: Stage Scenery Designer, Set Decorator.
27-1029 – Designers, All Other	All designers not listed separately. Illustrative example: Memorial Marker Designer.

OCCUPATION	DESCRIPTION
27-2011 - Actors	Play parts in stage, television, radio, video, motion picture productions, or other settings for entertainment, information, or instruction. Interpret serious or comic role by speech, gesture, and body movement to entertain or inform audience. May dance and sing. Illustrative examples: Voice-Over Artist, Dramatic Reader, Actress.
27-2012 – Producers and Directors	Produce or direct stage, television, radio, video, or motion picture productions for entertainment, information, or instruction. Responsible for creative decisions, such as interpretation of script, choice of actors or guests, set design, sound, special effects, and choreography. Illustrative examples: Casting Director, Stage Manager, Independent Film Maker.
27-2031 – Dancers	Perform dances. May perform on stage, for on-air broadcasting, or for video recording. Illustrative examples: Tap Dancer, Dance Artist, Ballerina.
27-2032 – Choreographers	Create new dance routines. Rehearse performance of routines. May direct and stage presentations. Illustrative examples: Dance Director, Dance Master.
27-2041 – Music Directors and Composers	Conduct, direct, plan, and lead instrumental or vocal performances by musical groups, such as orchestras, bands, choirs, and glee clubs. Includes arrangers, composers, choral directors, and orchestrators. Illustrative examples: Orchestra Conductor, Songwriter, Jingle Writer, Choirmaster.
27-2042 – Musicians and Singers	Play one or more musical instruments or sing. May perform on stage, for on-air broadcasting, or for sound or video recording. Illustrative examples: Rapper, Oboist, Instrumentalist.
27-4021 - Photographers	Photograph people, landscapes, merchandise, or other subjects, using digital or film cameras and equipment. May develop negatives or use computer software to produce finished images and prints. Includes scientific photographers, aerial photographers, and photojournalists. Illustrative examples: Wedding Photographer, Medical Photographer, Marine Photographer.
27-4032 - Film and Video Editors	Edit moving images on film, video, or other media. May edit or synchronize soundtracks with images. Excludes "Sound Engineering Technicians"(27-4014). Illustrative examples: Television News Video Editor, Film Editor, Cue Selector.

Source: U.S. Bureau of Labor Statistics[17]

[17] "Standard Occupational Classification (SOC) System," Op. cit.

PROJECT EVALUATION FORM

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CAVEAT

4401 Wilson Boulevard, Suite 400
Arlington, VA 22203
P 202.559.0500 F 866.808.6585
www.hanoverresearch.com