



ARTS, A/V TECHNOLOGY & COMMUNICATION

For incoming freshmen 2020–2021

OVERVIEW

The Arts, A/V Technology, and Communication Jump Start 2.0 Pathway prepares students to organize and manage various visual aspects of data, visual arts, performing arts, and entertainment media industries. Pathway coursework equips students to work with animation, interactive technology, video graphics, data visualization, and special effects. Coursework includes traditional fine arts media, modern media art theory, color theory, composition and perspective, equipment maintenance, studio management, and art portfolio marketing. This pathway also encompasses careers in augmented and virtual reality. Virtual reality is a computer-generated simulation of reality whereas augmented reality layers computer-generated images onto the real world.

COLLEGE AND CAREER CONNECTIONS

Finding high-wage career opportunities directly out of high school can be challenging. It typically requires advanced capstone credentials accompanied by work experience and/or apprenticeships in the field.

High School to Career	Community/Technical College to Career	University to Career
Digital Photo Retoucher	Digital and Visual Content Developer	Graphic Designer
Videographer	Video Production Assistant	Film and Video Editor
Audio/Visual Technician	Multimedia Specialist	Audio Engineer
3D Modeler	Computer Animator	Virtual Reality and Immersive Media Designer

CAPSTONE CREDENTIALS

In order to graduate, Jump Start students must earn at least one credential from the options below.

Regional (Emerging)	Basic	Advanced
Career and Technical Certificate (LCTCS)*	Certificate of Technical Studies (LCTCS)*	Technical Diploma (LCTCS)*
<p>Autodesk:</p> <ul style="list-style-type: none"> • Maya Certified User • 3ds Max Certified User 	<p>Adobe Certified Professional:</p> <ul style="list-style-type: none"> • After Effects • Animate • Dreamweaver • Flash • Illustrator • InDesign • Photoshop • Premier Pro 	<p>Adobe Certified Professional:</p> <ul style="list-style-type: none"> • Visual Design • Video Design • Web Design
	Autodesk Certified User AutoCAD	<p>Adobe Certified Expert:</p> <ul style="list-style-type: none"> • Dreamweaver • Illustrator • InDesign • Photoshop • Premier Pro
	AVID ProTools User	Autodesk Inventor Certified User
	<p>Certified Internet Web (CIW):</p> <ul style="list-style-type: none"> • Internet Business Associate • Network Technology Associate • Site Development Associate 	AVID Media Composer
	FAA Part 107: Small Unmanned Aircraft Operation	CIW Web Foundations Associate
	Fundamentals of JavaScript, Functional Programming and Web Development, Lvl 1	Digital Media Portfolio
		Fundamentals of JavaScript, Functional Programming and Web Development, Lvl 2

*Aligned to pathway.

Course Name	½ Credit Course Code	1 Credit Course Code	2 Credit Course Code	3 Credit Course Code
Advanced Band		030302		
Advanced JavaScript, Programming, and Web Development		080520	080526	
Advanced Orchestra		030322		
Advanced Technical Drafting		110590		
Advanced Television Broadcasting I		080000	080002	080003
Advanced Television Broadcasting II		080005	080012	080013
AP Computer Science A		061175		
AP Computer Science Principles		061177		
Applied Music		030360		
Architectural Drafting		110580		
Art I		030501		
Art II		030502		
Art III		030503		
Art IV		030504		
Art Elective		030599		
Studio Art Design: AP Studio Art 2D Design		030509		
AP Studio Art 3-D Design		030508		
Studio Art Drawing: AP Studio Art Drawing		030519		
Audio Engineering		311314		
Basic/Advanced Film: LSU Partnership		080023		
Basic Technical Drafting		110560		
Beginning Band		030300		
Beginning Choir		030310		
Broadcasting I		080014		
Broadcasting II		080015		
Broadcasting III		080016		
Broadcasting IV		080017		
Business Math		040307		
Carpentry I		310600	310602	310603
Carpentry II		310605	310612	310613
CIW Database Design		080505		
CIW Essentials of Web Design		040517		
CIW Internet Business		040405		
CIW Introduction to JavaScript		061125		
CIW Networking Technology		061120		
CIW Perl Fundamentals		061126		
CIW Website Development		040415		
Coding for the Web: LSU Partnership		040244		
Commercial Art I		310700	310702	310703
Commercial Art II		310705	310712	310713
Computer Electronics I		310800	310802	310803
Computer Electronics II		310805	310812	310813
Computer Multimedia Presentations	040206	040106		
Computer Science II		061103		
Computer Service Technology I	310814	310818	310820	310821
Computer Service Technology II		310819	310822	310823
Computer Systems/Networking I		061112		
Computer Systems/Networking II		061136		

Course Name	½ Credit Course Code	1 Credit Course Code	2 Credit Course Code	3 Credit Course Code
Computer Technology Literacy		040220 OR 061101		
Cyber Literacy I		040213		
Cyber Literacy II		040215		
Cyber Literacy (NICERC Partnership)		040221		
Cyber Literacy II (NICERC Partnership)		040222		
Cyber Science		040214		
Cyber Science (NICERC Partnership)		040219		
Dance I		030600		
Dance II		030621		
Dance III		030631		
Dance IV		030641		
Database Design and Programming		080501		
Desktop Publishing		040207 OR 061114		
Digital Graphics and Animation		061115		
Digital Media I		080800	080802	080803
Digital Media II		080805	080812	080813
Digital Media III		080831	080832	080833
Digital Media IV		080834	080835	080836
Digital Photography		312414		
Digital Story Telling: LSU Partnership		040241		
Entertainment Technologies		080811		
Film and TV: LSU Partnership		080024		
Fine Arts Survey		030332		
Fine Arts Survey: AP Music Theory		030364		
Fine Arts Survey: DE - CART 1013 Exploring the Arts		030593		
Fine Arts Survey: DE - CART 1023 Introduction to Visual Arts		030592		
Fine Arts Survey: DE - CDNC 1013 Dance Appreciation		030591		
Fine Arts Survey: DE - CMUS 1013 Music Appreciation		030590		
Fundamentals of HTML, CSS, and JavaScript		080523		
Geometry		160323		
Graphic Arts I		311600	311602	311603
Graphic Arts II		311605	311612	311613
Graphic Arts III		311614	311615	311616
Graphic Arts IV		311617	311618	311619
Interactive Computing (LSU Partnership)		061180		
Interactive Digital Media Capstone: LSU Partnership		040245		
Interactive Media I		080814		
Interactive Media II		080815		
Intermediate Band		030301		
Introduction to Computational Thinking		061141		
Introduction to Computational Thinking for STEM: LSU Partnership		061140		
Introduction to Programming	080860	080500		
Introduction to Social Media		080818		
Keyboarding	040225	040229		
Keyboarding Applications	040226			
Media Arts I		030810		
Media Arts II		030820		

Course Name	½ Credit Course Code	1 Credit Course Code	2 Credit Course Code	3 Credit Course Code
Media Arts III		030830		
Media Arts IV		030840		
Motion Graphics		080816		
Multimedia Productions		061116		
Music Elective		030399		
Music and Media		030318		
Music and Technology		030319		
Music: Gifted and Talented Music I		030371		
Music: Gifted and Talented Music II		030372		
Music: Gifted and Talented Music III		030373		
Music: Gifted and Talented Music IV		030374		
*NCCER Carpentry I		110701 OR 313300	110702 OR 313302	110703 OR 313303
Operation Spark Partnership: Fundamentals of Video Game Programming		TBD		
Operation Spark Partnership: Internet of Things Programming		TBD		
Percussion Ensemble		030307		
Photography I		312400	312402	312403
Photography II		312405	312412	312413
PLTW Computer Science Essentials		061100		
Principles of Marketing I		041025		
Principles of Visual Design		080817		
Professional Web and Mobile Development		080533		
Programming for Digital Media: LSU Partnership		040243		
Publications I (Newspaper)		050605		
Publications II (Newspaper)		050606		
Publications I (Yearbook)		050603		
Publications II (Yearbook)		050604		
Remote Controlled Vehicle Technology		110796	110797	110798
Robotics: Beginner			150723	
Small Vocal Ensemble		030313		
Sound Design: LSU Partnership		080020		
Speech II		051102		
Speech III		051103		
Speech IV		051104		
Studio Art Design: DE - CART 1113 Art Structure/2D Design		030520		
Studio Art Design: Gifted and Talented Visual Arts I		030514		
Studio Art Design: Gifted and Talented Visual Arts II		030515		
Studio Art Design: Gifted and Talented Visual Arts III		030516		
Studio Art Design: Gifted and Talented Visual Arts IV		030517		
Studio Art Drawing: DE - CART 2203 Beginning Drawing		030521		
Technical Theatre		030701		
Television Production I		312800	312802	312803
Television Production II		312805	312812	312813
Theatre I		030700		
Theatre II		030721		
Theatre III		030731		
Theatre IV		030741		
Theatre Design and Technology		030702		

Course Name	½ Credit Course Code	1 Credit Course Code	2 Credit Course Code	3 Credit Course Code
Theatre Elective I		030703		
Theatre: Gifted and Talented Theatre I		030710		
Theatre: Gifted and Talented Theatre II		030711		
Theatre: Gifted and Talented Theatre III		030712		
Theatre: Gifted and Talented Theatre IV		030713		
Video Game Design: LSU Partnership		080022		
Web Design	040210 OR 080830	040211		
Web Design II		040212		

**NCCER Carpentry 1 was added to the pathway to allow students the opportunity to learn the building trades in order to build sets and scenery for productions.*