



# ARTS, A/V TECHNOLOGY & COMMUNICATION

For incoming freshmen beginning 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)*
<b>Autodesk:</b> • Maya Certified User • 3ds Max Certified User	<b>Adobe Certified Professional:</b> • After Effects • Animate • Dreamweaver • Flash • Illustrator • InDesign • Photoshop • Premiere Pro	<b>Adobe Certified Professional:</b> • Visual Design • Video Design • Web Design
	Autodesk Certified User AutoCAD	<b>Adobe Certified Expert:</b> • Dreamweaver • Illustrator • InDesign • Photoshop • Premiere Pro
	AVID ProTools User	Autodesk Inventor Certified User
	<b>Certified Internet Web (CIW):</b> • Internet Business Associate • Network Technology Associate • Site Development Associate	AVID Media Composer
	Digital Media Portfolio	CIW Web Foundations Associate
	FAA Part 107: Small Unmanned Aircraft Operation	Fundamentals of JavaScript, Functional Programming and Web Development, Lvl 2
	Fundamentals of JavaScript, Functional Programming and Web Development, Lvl 1	

\*Aligned to pathway.

## UNIVERSAL DOCUMENTS

[CDF ELIGIBLE COURSES](#)

[JUMP START FUNDING](#)

[UNIVERSAL COURSE CODES](#)

Course Code	Credits Allowed	Credits Required	Course Name	Actions
080520	1	0.5	ADV JAVASCRIPT, PROGRAMMING, AND WEB DEVELOPMENT (1	
080526	2	2	ADV JAVASCRIPT, PROGRAMMING, AND WEB DEVELOPMENT (2 CREDITS)	
030302	1	0.5	ADVANCED BAND	
030322	1	0.5	ADVANCED ORCHESTRA	
110590	1	0.5	ADVANCED TECHNICAL DRAFTING	
080000	1	0.5	ADVANCED TELEVISION BROADCASTING I (1 CREDIT)	
080002	2	2	ADVANCED TELEVISION BROADCASTING I (2 CREDITS)	
080003	3	1.5	ADVANCED TELEVISION BROADCASTING I (3 CREDITS)	
080005	1	0.5	ADVANCED TELEVISION BROADCASTING II (1 CREDIT)	
080012	2	2	ADVANCED TELEVISION BROADCASTING II (2 CREDITS)	
080013	3	1.5	ADVANCED TELEVISION BROADCASTING II (3 CREDITS)	
061175	1	0.5	AP COMPUTER SCIENCE A	
061177	1	0.5	AP Computer Science Principles	
030508	1	0.5	AP STUDIO ART 3-D DESIGN	
030360	1	0.5	APPLIED MUSIC	
110580	1	0.5	ARCHITECTURAL DRAFTING	
030599	1	0.5	ART ELECTIVE	
030501	1	0.5	ART I	
030502	1	0.5	ART II	
030503	1	0.5	ART III	
030504	1	0.5	ART IV	
311314	0.5	0.5	AUDIO ENGINEERING	
110560	1	0.5	BASIC TECHNICAL DRAFTING	
080023	1	0.5	Basic/Advanced Film: LSU Partnership	
030300	1	0.5	BEGINNING BAND	
030310	1	0.5	BEGINNING CHOIR	
080014	1	0.5	Broadcasting I	
080015	1	0.5	Broadcasting II	
080016	1	0.5	Broadcasting III	
080017	1	0.5	Broadcasting IV	
040307	1	0.5	Business Math	
310600	1	0.5	CARPENTRY I (1 CREDIT)	
310602	2	2	CARPENTRY I (2 CREDITS)	
310603	3	1.5	CARPENTRY I (3 CREDITS)	
310605	1	0.5	CARPENTRY II (1 CREDIT)	
310612	2	2	CARPENTRY II (2 CREDITS)	
310613	3	1.5	CARPENTRY II (3 CREDITS)	
080505	1	0.5	CIW Database Design	
040517	1	0.5	CIW Essentials of Web Design	
040405	1	0.5	CIW Internet Business	
061125	1	0.5	CIW Introduction to JavaScript	
061120	1	0.5	CIW Networking Technology	
061126	1	0.5	CIW Perl Fundamentals	
040415	1	0.5	CIW Website Development	
040244	1	0.5	Coding for the Web: LSU Partnership	
310700	1	0.5	COMMERCIAL ART I (1 CREDIT)	
310702	2	2	COMMERCIAL ART I (2 CREDITS)	
310703	3	1.5	COMMERCIAL ART I (3 CREDITS)	
310705	1	0.5	COMMERCIAL ART II (1 CREDIT)	
310712	2	2	COMMERCIAL ART II (2 CREDITS)	
310713	3	1.5	COMMERCIAL ART II (3 CREDITS)	

Course Code	Credits Allowed	Credits Required	Course Name	Actions
310800	1	0.5	COMPUTER ELECTRONICS I (1 CREDIT)	
310802	2	2	COMPUTER ELECTRONICS I (2 CREDITS)	
310803	3	1.5	COMPUTER ELECTRONICS I (3 CREDITS)	
310805	1	1	COMPUTER ELECTRONICS II (1 CREDIT)	
310812	2	2	COMPUTER ELECTRONICS II (2 CREDITS)	
310813	3	1.5	COMPUTER ELECTRONICS II (3 CREDITS)	
040106	1	1	COMPUTER MULTIMEDIA PRESENTATIONS (1 CREDIT)	
040206	0.5	0.5	COMPUTER MULTIMEDIA PRESENTATIONS (1/2 CREDIT)	
061102	1	0.5	COMPUTER SCIENCE I	Remove 2023 -
061103	1	0.5	COMPUTER SCIENCE II	
310818	1	1	Computer Service Technology I	
310814	0.5	0.5	COMPUTER SERVICE TECHNOLOGY I (1/2 CREDIT)	
310820	2	2	COMPUTER SERVICE TECHNOLOGY I (2 CREDITS)	
310821	3	1.5	COMPUTER SERVICE TECHNOLOGY I (3 CREDITS)	
310819	1	0.5	Computer Service Technology II	
310822	2	2	COMPUTER SERVICE TECHNOLOGY II (2 CREDITS)	
310823	3	1.5	COMPUTER SERVICE TECHNOLOGY II (3 CREDITS)	
061112	1	0.5	COMPUTER SYSTEMS/NETWORKING I	
061136	1	0.5	COMPUTER SYSTEMS/NETWORKING II	
040220	1	0.5	COMPUTER TECHNOLOGY LITERACY	
061101	1	0.5	COMPUTER TECHNOLOGY/LITERACY	
040221	1	0.5	Cyber Literacy (NICERC Partnership)	
040213	1	0.5	Cyber Literacy I	
040215	1	0.5	Cyber Literacy II	
040222	1	0.5	Cyber Literacy II (NICERC Partnership)	
040214	1	0.5	Cyber Science	
040219	1	0.5	Cyber Science (NICERC Partnership)	
030600	1	0.5	DANCE I	
030621	1	0.5	DANCE II (1ST CREDIT)	
030631	1	0.5	DANCE III (1ST CREDIT)	
030641	1	0.5	DANCE IV (1ST CREDIT)	
080501	1	0.5	DATABASE DESIGN AND PROGRAMMING (1 CREDIT)	
040207	1	0.5	DESKTOP PUBLISHING	
061114	1	0.5	DESKTOP PUBLISHING	
061115	1	0.5	DIGITAL GRAPHICS AND ANIMATION	
080021	1	0.5	Digital Image and Motion Graphics: LSU Partnership	Remove 2023 -
080800	1	0.5	DIGITAL MEDIA I (1 CREDIT)	
080802	2	2	DIGITAL MEDIA I (2 CREDITS)	
080803	3	1.5	DIGITAL MEDIA I (3 CREDITS)	
080805	1	0.5	DIGITAL MEDIA II (1 CREDIT)	
080812	2	2	DIGITAL MEDIA II (2 CREDITS)	
080813	3	1.5	DIGITAL MEDIA II (3 CREDITS)	
080831	1	0.5	Digital Media III (1 Credit)	
080832	2	2	Digital Media III (2 Credits)	
080833	3	1.5	Digital Media III (3 Credits)	
080834	1	0.5	Digital Media IV (1 Credit)	
080835	2	2	Digital Media IV (2 Credits)	
080836	3	1.5	Digital Media IV (3 Credits)	
312414	1	0.5	DIGITAL PHOTOGRAPHY	
040241	1	0.5	Digital Story Telling: LSU Partnership	
080811	1	0.5	Entertainment Technologies	

Course Code	Credits Allowed	Credits Required	Course Name	Actions
080024	1	0.5	Film and TV: LSU Partnership	
030332	1	0.5	FINE ARTS SURVEY	
030364	1	0.5	Fine Arts Survey: AP Music Theory	
030593	1	0.5	Fine Arts Survey: DE - CART 1013 Exploring the Arts	
030592	1	0.5	Fine Arts Survey: DE - CART 1023 Introduction to Visual Arts	
030591	1	0.5	Fine Arts Survey: DE - CDNC 1013 Dance Appreciation	
030590	1	0.5	Fine Arts Survey: DE - CMUS 1013 Musc Appreciation	
080523	1	0.5	FUNDAMENTALS OF HTML, CSS, AND JAVASCRIPT (1 CREDIT)	
160323	1	0.5	GEOMETRY	
311600	1	0.5	GRAPHIC ARTS I (1 CREDIT)	
311602	2	2	GRAPHIC ARTS I (2 CREDITS)	
311603	3	1.5	GRAPHIC ARTS I (3 CREDITS)	
311605	1	0.5	GRAPHIC ARTS II (1 CREDIT)	
311612	2	2	GRAPHIC ARTS II (2 CREDITS)	
311613	3	1.5	GRAPHIC ARTS II (3 CREDITS)	
311614	1	0.5	Graphic Arts III (1 credit)	
311615	2	2	Graphic Arts III (2 credits)	
311616	3	1.5	Graphic Arts III (3 credits)	
311617	1	0.5	Graphic Arts IV (1 credit)	
311618	2	2	Graphic Arts IV (2 credits)	
311619	3	1.5	Graphic Arts IV (3 credits)	
061180	1	0.5	Interactive Computing (LSU Partnership)	
040245	1	0.5	Interactive Digital Media Capstone: LSU Partnership	
080814	1	0.5	Interactive Media I	
080815	1	0.5	Interactive Media II	
030301	1	0.5	INTERMEDIATE BAND	
061141	1	0.5	Intro to Computational Thinking	
061140	1	0.5	INTRO TO COMPUTATIONAL THINKING FOR STEM (LSU	
080500	1	1	Introduction to Programming (1 Credit)	
080860	0.5	0.5	INTRODUCTION TO PROGRAMMING (1/2 CREDIT)	
080818	1	0.5	Introduction to Social Media	
040229	1	1	Keyboarding	
040225	0.5	0.5	KEYBOARDING (1/2 CREDIT)	
040226	0.5	0.5	KEYBOARDING APPLICATIONS (1/2 CREDIT)	
030810	1	0.5	MEDIA ARTS I	
030820	1	0.5	MEDIA ARTS II	
030830	1	0.5	MEDIA ARTS III	
030840	1	0.5	MEDIA ARTS IV	
080816	1	0.5	Motion Graphics	
061116	1	0.5	MULTIMEDIA PRODUCTIONS	
030318	1	0.5	MUSIC AND MEDIA	
030319	1	0.5	MUSIC AND TECHNOLOGY	
030399	1	0.5	MUSIC ELECTIVE	
030371	1	0.5	Music: Gifted and Talented Music I	
030372	1	0.5	Music: Gifted and Talented Music II	
030373	1	0.5	Music: Gifted and Talented Music III	
030374	1	0.5	Music: Gifted and Talented Music IV	
030460	1	0.5	Music: Talented Orchestra: Advanced	Added 2024-2025
313300	1	0.5	NCCER CARPENTRY I (1 CREDIT)	
110701	1	0.5	NCCER CARPENTRY I (1 CREDIT)	Added 2023 -2024
110702	2	2	NCCER CARPENTRY I (2 CREDITS)	Add 2021-2022

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313302	2	1.5	NCCER CARPENTRY I (2 CREDITS)	
313303	3	1.5	NCCER CARPENTRY I (3 CREDITS)	Add 2021-2022
110703	3	3	NCCER CARPENTRY I (3 CREDITS)	Added 2021-2022
080026	1	0.5	Operation Spark Partnership: Fundamentals of Video Game	Added 2023 -2024
080027	1	0.5	Operation Spark Partnership: Internet of Things Programming	Added 2023 -2024
030307	1	0.5	PERCUSSION ENSEMBLE	
312400	1	0.5	PHOTOGRAPHY I (1 CREDIT)	
312402	2	2	PHOTOGRAPHY I (2 CREDITS)	
312403	3	1.5	PHOTOGRAPHY I (3 CREDITS)	
312405	1	0.5	PHOTOGRAPHY II (1 CREDIT)	
312412	2	2	PHOTOGRAPHY II (2 CREDITS)	
312413	3	1.5	PHOTOGRAPHY II (3 CREDITS)	
061100	1	0.5	PLTW Computer Science Essentials	Added 2023 -2024
041025	1	0.5	PRINCIPLES OF MARKETING I	
080817	1	0.5	Principles of Visual Design	
080533	3	1.5	Professional Web and Mobile Development (3 Credits)	
040243	1	0.5	Programming for Digital Media: LSU Partnership	
050605	1	0.5	PUBLICATIONS I (NEWSPAPER)	
050603	1	0.5	PUBLICATIONS I (YEARBOOK)	
050606	1	0.5	PUBLICATIONS II (NEWSPAPER)	
050604	1	0.5	PUBLICATIONS II (YEARBOOK)	
110796	1	0.5	Remote Controlled Vehicle Technologies (1 credit)	Added 2021-2022
110797	2	1.5	Remote Controlled Vehicle Technologies (2 credits)	Added 2021-2022
110798	3	1.5	Remote Controlled Vehicle Technologies (3 credits)	Added 2021-2022
150723	1	0.5	ROBOTICS: BEGINNER (1 CREDIT)	Added 2023 -2024
030313	1	0.5	SMALL VOCAL ENSEMBLE	
080020	1	0.5	Sound Design: LSU Partnership	
051102	1	0.5	SPEECH II	
051103	1	0.5	SPEECH III	
051104	1	0.5	SPEECH IV	
030509	1	0.5	Studio Art Design: AP Studio Art 2D Design	
030520	1	0.5	Studio Art Design: DE - CART 1113 Art Structure/2D Design	
030514	1	0.5	Studio Art Design: Gifted and Talented Visual Arts I	
030515	1	0.5	Studio Art Design: Gifted and Talented Visual Arts II	
030516	1	0.5	Studio Art Design: Gifted and Talented Visual Arts III	
030517	1	0.5	Studio Art Design: Gifted and Talented Visual Arts IV	
030519	1	0.5	Studio Art Drawing: AP Studio Art Drawing	
030521	1	0.5	Studio Art Drawing: DE - CART 2203 Beginning Drawing	
030701	1	0.5	TECHNICAL THEATRE	
312800	1	0.5	TELEVISION PRODUCTION I (1 CREDIT)	
312802	2	2	TELEVISION PRODUCTION I (2 CREDITS)	
312803	3	1.5	TELEVISION PRODUCTION I (3 CREDITS)	
312805	1	0.5	TELEVISION PRODUCTION II (1 CREDIT)	
312812	2	2	TELEVISION PRODUCTION II (2 CREDITS)	
312813	3	1.5	TELEVISION PRODUCTION II (3 CREDITS)	
030702	1	0.5	THEATRE DESIGN AND TECHNOLOGY	
030703	1	0.5	THEATRE ELECTIVE I	
030700	1	0.5	THEATRE I	
030721	1	0.5	THEATRE II (1ST CREDIT)	
030731	1	0.5	THEATRE III (1ST CREDIT)	
030741	1	0.5	THEATRE IV (1ST CREDIT)	

Course Code	Credits Allowed	Credits Required	Course Name	Actions
030717	1	0.5	Theatre: DE - CTHE 1013 Introduction to Theatre	Added 2024-2025
030715	1	0.5	Theatre: DE - CTHE 2103 Acting I	Added 2024-2025
030716	1	0.5	Theatre: DE - CTHE 2113 Acting II	Added 2024-2025
030710	1	0.5	Theatre: Gifted and Talented Theatre I	
030711	1	0.5	Theatre: Gifted and Talented Theatre II	
030712	1	0.5	Theatre: Gifted and Talented Theatre III	
030713	1	0.5	Theatre: Gifted and Talented Theatre IV	
030706	1	0.5	Theatre: IB Film Study I	Added 2024-2025
030707	1	0.5	Theatre: IB Film Study II	Added 2024-2025
030708	1	0.5	Theatre: IB Film Study III	Added 2024-2025
030718	1	0.5	Theatre: IB Theatre	Added 2024-2025
030709	1	0.5	Theatre: Talented Introduction to Film Studies	Added 2024-2025
080022	1	0.5	Video Game Design: LSU Partnership	
040211	1	1	WEB DESIGN (1 CREDIT)	
040210	0.5	0.5	WEB DESIGN (1/2 CREDIT)	
080830	0.5	0.5	WEB DESIGN (1/2 CREDIT)	
040212	1	0.5	WEB DESIGN II (1 CREDIT)	