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

To graduate, Jump Start students must earn at least one credential from the list below. Some options may require more than one credential. These are noted with ‡ Credential codes and their Thrive Accelerator Index values can be found in the Industry-Based Certification Accelerator Matrix.

Adobe Certified Associate: After Effects	Autodesk Certified User AutoCAD
Adobe Certified Associate: Animate	Autodesk Inventor Certified User
Adobe Certified Associate: Dreamweaver	AutoDesk Maya Certified User
Adobe Certified Associate: Illustrator	AVID Media Composer
Adobe Certified Associate: InDesign	AVID ProTools User
Adobe Certified Associate: Photoshop	Career and Technical Certificate (LCTCS)*
Adobe Certified Associate: Premiere Pro	Certificate of Technical Studies (LCTCS)*
Adobe Certified Expert: After Effects	CIW Internet Business Associate
Adobe Certified Expert: Animate	CIW Network Technology Associate
Adobe Certified Expert: Dreamweaver	CIW Site Development Associate
Adobe Certified Expert: Illustrator	CIW Social Media Strategist
Adobe Certified Expert: InDesign	CIW Multimedia Specialist
Adobe Certified Expert: Photoshop	CIW Web Foundations Associate ‡
Adobe Certified Expert: Premiere Pro	Digital Media Portfolio
Adobe Certified Expert Dreamweaver	FAA Part 107: Small Unmanned Aircraft Operation
Adobe Certified Professional: Video Design ‡	Fundamentals of JavaScript, Functional Programming and Web Dev., Lvl 1
Adobe Certified Professional: Visual Design ‡	Fundamentals of JavaScript, Functional Programming and Web Dev, Lvl 2
Adobe Certified Professional: Web Design ‡	
AutoDesk 3ds Max Certified User	

*Aligned to the pathway.
**Credential is only available to students with disabilities as indicated by a current IEP.

UNIVERSAL DOCUMENTS

INDUSTRY-BASED CERTIFICATION ACCELERATOR MATRIX   FAST FORWARD FUNDING   UNIVERSAL COURSE CODES

Course Code	Credits Allowed	Credits Required	Course Name
080520	1	0.5	ADV JAVASCRIPT, PROGRAMMING, AND WEB DEVELOPMENT (1 CREDIT)
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)
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
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
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
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 PARTNERSHIP)
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
313300	1	0.5	NCCER CARPENTRY I (1 CREDIT)
110701	1	0.5	NCCER CARPENTRY I (1 CREDIT)
110702	2	2	NCCER CARPENTRY I (2 CREDITS)
313302	2	1.5	NCCER CARPENTRY I (2 CREDITS)
313303	3	1.5	NCCER CARPENTRY I (3 CREDITS)
110703	3	3	NCCER CARPENTRY I (3 CREDITS)
080026	1	0.5	Operation Spark Partnership: Fundamentals of Video Game Programming
080027	1	0.5	Operation Spark Partnership: Internet of Things Programming
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
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)
110797	2	1.5	Remote Controlled Vehicle Technologies (2 credits)
110798	3	1.5	Remote Controlled Vehicle Technologies (3 credits)
	1	0.5	ROBOTICS: BEGINNER (1 CREDIT)
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)
030717	1	0.5	Theatre: DE - CTHE 1013 Introduction to Theatre
030715	1	0.5	Theatre: DE - CTHE 2103 Acting I
030716	1	0.5	Theatre: DE - CTHE 2113 Acting II
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
030707	1	0.5	Theatre: IB Film Study II
030708	1	0.5	Theatre: IB Film Study III
030718	1	0.5	Theatre: IB Theatre
030709	1	0.5	Theatre: Talented Introduction to Film Studies
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)