



TRANSPORTATION, DISTRIBUTION, & LOGISTICS

For incoming freshmen beginning 2020–2021

OVERVIEW

The Transportation, Distribution, and Logistics Jump Start 2.0 Pathway focuses on the planning, managing, and moving of people, materials, and goods by road, pipeline, air, rail, and water. Pathway coursework will also equip students to provide professional and technical support services for transportation infrastructure planning and management, logistics, mobile equipment and facility maintenance. Pathway coursework will also equip students with skills to pilot drones.

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
Automotive Body Repair Apprentice	Collision Repair Technician	Automotive and Logistics Engineer
Automotive Information Helper	Automotive Technician	Mechanical Engineer
Drone Pilot	Aviation Airframe Maintenance Mechanic	Commercial Pilot

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)*
CDL Class B	ASE Student Certificate Entry Level Automobile: • Automobile Service Technology • Automotive Transmission and Transaxle • Brakes • Electrical/Electronic Systems • Engine Performance • Engine Repair • Heat and Air Conditioning • Maintenance and Light Repair • Manual Drivetrain and Axles • Steering and Suspension	ASE Student Certificate (3+ certifications from the basic list)
I-Car Student Certification		Autodesk Inventor Certified User
Maritime Safety Credentials Suite: • Personal Safety/Social Responsibilities, Basic Water Survival, Basic Firefighting, AND Basic First Aid/CPR AED		
OSHA: • OSHA 10** • OSHA 30	ASE Student Certification Collision and Repair: • Structural Analysis and Damage Repair • Non-structural Analysis and Damage Repair • Mechanical and Electrical Components • Painting and Refinishing	
PEC Basic Orientation: • Safe Land • Safe Gulf Water Survival/Helicopter Underwater Egress Training (HUET)		
S/P2 Automotive Service Safety AND Automotive Service Pollution Prevention	ASE Student Certification Medium/Heavy Truck: • Diesel Engines • Electrical/Electronic Systems • Brakes • Suspension and Steering • Inspection, Maintenance and Minor Repairs	
	Autodesk Certified User AutoCAD	
	Certified Logistics Associate or Technician (MSSC)	
	Certified in Logistics, Transportation and Distribution (ASTL)	
	FAA Part 107: Small Unmanned Aircraft Operation	
	Four Stroke Engine Technician	
	Geographic Information System - Entry Level Technician Certification	
	I-CAR Platinum Role: Refinish Technician and Non Structural Technician	
	Louisiana Micro-Enterprise - Statewide	

*Aligned to pathway.

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

UNIVERSAL DOCUMENTS

[CDF ELIGIBLE COURSES](#)

[JUMP START FUNDING](#)

[UNIVERSAL COURSE CODES](#)

Course Code	Credits Allowed	Credits Required	Course Name	Actions
110590	1	0.5	ADVANCED TECHNICAL DRAFTING	
110830	1	0.5	AEROSPACE ENGINEERING (1 CREDIT)	
150903	1	0.5	AEROSPACE SCIENCE	
010446	1	0.5	AG POWER EQUIPMENT (1 CREDIT)	Added 2022-2023
310200	1	0.5	AUTO BODY REPAIR I (1 CREDIT)	
310202	2	2	AUTO BODY REPAIR I (2 CREDITS)	
310203	3	1.5	AUTO BODY REPAIR I (3 CREDITS)	
310205	1	0.5	AUTO BODY REPAIR II (1 CREDIT)	
310212	2	2	AUTO BODY REPAIR II (2 CREDITS)	
310213	3	1.5	AUTO BODY REPAIR II (3 CREDITS)	
310214	1	0.5	Auto Body Repair III (1 credit)	
310215	2	2	AUTO BODY REPAIR III (2 CREDITS)	
310216	3	1.5	AUTO BODY REPAIR III (3 CREDITS)	
310217	1	0.5	Auto Body Repair IV (1 credit)	
310218	2	2	AUTO BODY REPAIR IV (2 CREDITS)	
310219	3	1.5	AUTO BODY REPAIR IV (3 CREDITS)	
310300	1	0.5	AUTOMOTIVE TECHNICIAN I (1 CREDIT)	
310312	2	2	AUTOMOTIVE TECHNICIAN I (2 CREDITS)	
310313	3	1.5	AUTOMOTIVE TECHNICIAN I (3 CREDITS)	
310305	1	0.5	AUTOMOTIVE TECHNICIAN II (1 CREDIT)	
310322	2	2	AUTOMOTIVE TECHNICIAN II (2 CREDITS)	
310323	3	1.5	AUTOMOTIVE TECHNICIAN II (3 CREDITS)	
310306	1	0.5	AUTOMOTIVE TECHNICIAN III (1 CREDIT)	
310332	2	2	AUTOMOTIVE TECHNICIAN III (2 CREDITS)	
310333	3	1.5	AUTOMOTIVE TECHNICIAN III (3 CREDITS)	
310307	1	0.5	AUTOMOTIVE TECHNICIAN IV (1 CREDIT)	
310342	2	2	AUTOMOTIVE TECHNICIAN IV (2 CREDITS)	
310343	3	1.5	AUTOMOTIVE TECHNICIAN IV (3 CREDITS)	
310308	1	0.5	AUTOMOTIVE TECHNICIAN V (1 CREDIT)	
310352	2	2	AUTOMOTIVE TECHNICIAN V (2 CREDITS)	
310353	3	1.5	AUTOMOTIVE TECHNICIAN V (3 CREDITS)	
310309	1	0.5	AUTOMOTIVE TECHNICIAN VI (1 CREDIT)	
310362	2	2	AUTOMOTIVE TECHNICIAN VI (2 CREDITS)	
310363	3	1.5	AUTOMOTIVE TECHNICIAN VI (3 CREDITS)	
110560	1	0.5	BASIC TECHNICAL DRAFTING	
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)	
040220	1	0.5	COMPUTER TECHNOLOGY LITERACY	
061101	1	0.5	COMPUTER TECHNOLOGY/LITERACY	
080532	1	0.5	DATA MANIPULATION AND ANALYSIS (LSU PARTNERSHIP)	
040207	1	0.5	DESKTOP PUBLISHING	
061114	1	0.5	DESKTOP PUBLISHING	
311200	1	0.5	DIESEL MECHANICS I (1 CREDIT)	
311202	2	2	DIESEL MECHANICS I (2 CREDITS)	
311203	3	1.5	DIESEL MECHANICS I (3 CREDITS)	
311205	1	0.5	DIESEL MECHANICS II (1 CREDIT)	
311212	2	2	DIESEL MECHANICS II (2 CREDITS)	

311213	3	1.5	DIESEL MECHANICS II (3 CREDITS)	
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)	
110310	1	0.5	ENERGY, POWER AND TRANSPORTATION TECHNOLOGY	
310392	1	0.5	Engine Diagnosis and Repair	
150740	1	0.5	FIRST ROBOTICS I (1 CREDIT)	
150750	1	0.5	FIRST ROBOTICS II (1 CREDIT)	
150760	1	0.5	FIRST ROBOTICS III (1 CREDIT)	
150770	1	0.5	FIRST ROBOTICS IV (1 CREDIT)	
310631	1	0.5	Fundamentals of Industrial Scaffolding (1 Credit)	
310632	2	2	Fundamentals of Industrial Scaffolding (2 Credits)	
313200	1	0.5	G.M. TECHNICIAN I (1 CREDIT)	
313202	2	2	G.M. TECHNICIAN I (2 CREDITS)	
313203	3	1.5	G.M. TECHNICIAN I (3 CREDITS)	
313205	1	0.5	G.M. TECHNICIAN II (1 CREDIT)	
313212	2	2	G.M. TECHNICIAN II (2 CREDITS)	
313213	3	1.5	G.M. TECHNICIAN II (3 CREDITS)	
310315	1	0.5	GENERAL AUTOMOTIVE MAINTENANCE (1 CREDIT)	
310302	2	2	GENERAL AUTOMOTIVE MAINTENANCE (2 CREDITS)	
310303	3	1.5	GENERAL AUTOMOTIVE MAINTENANCE (3 CREDITS)	
080300	3	1.5	GENERAL COOPERATIVE EDUCATION I (3 CREDITS)	
080301	3	1.5	GENERAL COOPERATIVE EDUCATION II (3 CREDITS)	
311800	1	0.5	INDUSTRIAL ELECTRONICS I (1 CREDIT)	
311802	2	2	INDUSTRIAL ELECTRONICS I (2 CREDITS)	
311803	3	1.5	INDUSTRIAL ELECTRONICS I (3 CREDITS)	
311805	1	0.5	INDUSTRIAL ELECTRONICS II (1 CREDIT)	
311812	2	2	INDUSTRIAL ELECTRONICS II (2 CREDITS)	
311813	3	1.5	INDUSTRIAL ELECTRONICS II (3 CREDITS)	
311900	1	0.5	INDUSTRIAL MACHINES SHOP I (1 CREDIT)	
311902	2	2	INDUSTRIAL MACHINES SHOP I (2 CREDITS)	
311903	3	1.5	INDUSTRIAL MACHINES SHOP I (3 CREDITS)	
311905	1	0.5	INDUSTRIAL MACHINES SHOP II (1 CREDIT)	
311912	2	2	INDUSTRIAL MACHINES SHOP II (2 CREDITS)	
311913	3	1.5	INDUSTRIAL MACHINES SHOP II (3 CREDITS)	
311915	1	0.5	Industrial Machines Shop III (1 credit)	
311916	2	2	INDUSTRIAL MACHINES SHOP III (2 CREDITS)	
311917	3	1.5	INDUSTRIAL MACHINES SHOP III (3 CREDITS)	Code Correction
311918	1	0.5	Industrial Machines Shop IV (1 credit)	
311919	2	2	INDUSTRIAL MACHINES SHOP IV (2 CREDITS)	
311920	3	1.5	INDUSTRIAL MACHINES SHOP IV (3 CREDITS)	
061141	1	0.5	Intro to Computational Thinking	
061140	1	0.5	INTRO TO COMPUTATIONAL THINKING FOR STEM (LSU PARTNERSHIP)	
312091	1	0.5	Intro to Maritime Careers & Opportunities	
110800	1	1	INTRODUCTION TO ENGINEERING DESIGN (1 CREDIT)	
110801	1	0.5	INTRODUCTION TO ENGINEERING DESIGN (LSU PARTNERSHIP)	
110799	0.5	0.5	INTRODUCTION TO ENGINEERING DESIGN I (1/2 CREDIT)	
311922	1	0.5	Introduction to Hazardous Materials	
313831	1	0.5	Introduction to Logistics	
310373	1	0.5	Introduction to Motor Vehicle Technology	
110795	1	0.5	Introduction to Remote Controlled Vehicle Technologies	
170012	1	0.5	JR. ROTC: Air Force Aerospace Science	
313837	1	0.5	Logistics I	

313838	1	0.5	Logistics II	
313839	1	0.5	Logistics III	
313840	1	0.5	Logistics IV	
313836	1	0.5	Maintenance Assistant	
110020	1	0.5	MARINE ENGINEERING (1 CREDIT)	
312100	1	0.5	MARINE OPERATIONS I (1 CREDIT)	
312102	2	2	MARINE OPERATIONS I (2 CREDITS)	
312103	3	1.5	MARINE OPERATIONS I (3 CREDITS)	
312105	1	0.5	MARINE OPERATIONS II (1 CREDIT)	
312112	2	2	MARINE OPERATIONS II (2 CREDITS)	
312113	3	1.5	MARINE OPERATIONS II (3 CREDITS)	
110005	1	0.5	MATERIALS AND PROCESSES	
312300	1	0.5	OUTDOOR POWER EQUIPMENT TECHNICIAN I (1 CREDIT)	
312302	2	2	OUTDOOR POWER EQUIPMENT TECHNICIAN I (2 CREDITS)	
312303	3	1.5	OUTDOOR POWER EQUIPMENT TECHNICIAN I (3 CREDITS)	
312305	1	0.5	OUTDOOR POWER EQUIPMENT TECHNICIAN II (1 CREDIT)	
312312	2	2	OUTDOOR POWER EQUIPMENT TECHNICIAN II (2 CREDITS)	
312313	3	1.5	OUTDOOR POWER EQUIPMENT TECHNICIAN II (3 CREDITS)	
312320	1	0.5	OUTDOOR POWER EQUIPMENT TECHNICIAN III (1 CREDIT)	
312321	2	2	OUTDOOR POWER EQUIPMENT TECHNICIAN III (2 CREDITS)	
312322	3	1.5	OUTDOOR POWER EQUIPMENT TECHNICIAN III (3 CREDITS)	
312330	1	0.5	OUTDOOR POWER EQUIPMENT TECHNICIAN IV (1 CREDIT)	
312331	2	2	OUTDOOR POWER EQUIPMENT TECHNICIAN IV (2 CREDITS)	
312332	3	1.5	OUTDOOR POWER EQUIPMENT TECHNICIAN IV (3 CREDITS)	
110831	1	0.5	PLTW Aerospace Engineering	
312098	1	0.5	PLTW Environmental Sustainability	
110330	1	0.5	POWER MECHANICS	
310630	1	0.5	Project Management	
110796	1	0.5	Remote Controlled Vehicle Technologies (1 credit)	
110797	2	2	Remote Controlled Vehicle Technologies (2 credits)	
110798	3	1.5	Remote Controlled Vehicle Technologies (3 credits)	
150780	1	0.5	ROBOTICS (LSU PARTNERSHIP)	
150730	1	0.5	ROBOTICS: ADVANCED (1 CREDIT)	
150731	2	2	ROBOTICS: ADVANCED (2 CREDITS)	
150723	1	0.5	ROBOTICS: BEGINNER (1 CREDIT)	
150729	1	0.5	ROBOTICS: INTERMEDIATE (1 CREDIT)	
310381	1	0.5	Steering and Suspension Systems	
313833	1	0.5	Supply Chain Management	
313832	1	0.5	Transportation Management	
313835	1	0.5	Warehouse and Inventory Management	
110502	1	0.5	Water Distribution Operator	
110500	1	0.5	Water Production Operator	
110501	1	0.5	Water Treatment Operator	