



## TRANSPORTATION, DISTRIBUTION, & LOGISTICS

For incoming freshmen beginning 2020–2021

### OVERVIEW

The Transportation, Distribution, and Logistics Jump Start 2.0 Pathway focuses on the planning, management, and movement 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

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.

ASE Student Certificate Entry Level Automobile: Automobile Service Technology
ASE Student Certificate Entry Level Automobile: Automotive Transmission and Transaxle
ASE Student Certificate Entry Level Automobile: Brakes
ASE Student Certificate Entry Level Automobile: Electrical/ Electronic Systems
ASE Student Certificate Entry Level Automobile: Engine Performance
ASE Student Certificate Entry Level Automobile: Engine Repair
ASE Student Certificate Entry Level Automobile: Heat and Air Conditioning
ASE Student Certificate Entry Level Automobile: Maintenance and Light Repair
ASE Student Certificate Entry Level Automobile: Manual Drivetrain and Axles
ASE Student Certificate Entry Level Automobile: Steering and Suspension
ASE Student Certification Collision and Repair: Mechanical and Electrical Components
ASE Student Certification Collision and Repair: Non-structural Analysis and Damage Repair
ASE Student Certification Collision and Repair: Painting and Refinishing
ASE Student Certification Collision and Repair: Structural Analysis and Damage Repair
ASE Student Certification Medium/Heavy Truck: Brakes
ASE Student Certification Medium/Heavy Truck: Diesel Engines
ASE Student Certification Medium/Heavy Truck: Electrical/Electronic Systems
ASE Student Certification Medium/Heavy Truck: Inspection, Maintenance, and Minor Repairs
ASE Student Certification Medium/Heavy Truck: Suspension and Steering
Autodesk Certified User AutoCAD
Autodesk Inventor Certified User

CDL Class B
Certified in Logistics, Transportation, and Distribution (ASTL)
Certified Logistics Associate or Technician (MSSC)
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
I-Car Student Certification
LCTCS: Career and Technical Certificate *
LCTCS: Certificate of Technical Studies *
LCTCS: Technical Diploma*
Louisiana Micro-Enterprise - Statewide
OSHA 10**
OSHA 30
PEC Basic Orientation Safe Gulf
PEC Basic Orientation Safe Land
Personal Safety/Social Responsibilities, Basic Water Survival, Basic Firefighting, AND Basic First Aid/CPR AED‡
Personal Safety/Social Responsibilities, Basic Water Survival, Basic Firefighting, AND Basic First Aid/CPR AED‡
S/P2 Automotive Service Safety AND Automotive Service Pollution Prevention
Water Survival/Helicopter Underwater Egress Training (HUET)

\*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
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)
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)
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