JUMP START! 2.0 Pathway Brief

TRANSPORTATION, DISTRIBUTION, & LOGISTICS

For incoming freshmen 2020–2021

TRANSPORTATION, DISTRIBUTION, & LOGISTICS

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)*
I-Car Student Certification	**ASE Student Certificate:** • 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)
Maritime Safety Credentials Suite: • Personal Safety/Social Responsibilities, Basic Water Survival, Basic Firefighting, AND Basic First Aid/CPR AED	Autodesk AutoCAD Certified User	Autodesk Inventor Certified User
OSHA: • OSHA 10 • OSHA 30	Certified Logistics Associate or Technician (MSSC)	
S/P2 Automotive Service Safety AND Automotive Service Pollution Prevention	Collision Repair & Refinish Pro Platinum (I-CAR)	
PEC Basic Orientation: • Safe Land • Safe Gulf	ESRI User Industry Based Certification	
Water Survival/Helicopter Underwater Egress Training (HUET)	FAA Part 107: Small Unmanned Aircraft Operation	
	Four Stroke Engine Technician	
	Global Logistics Associate (ASTL)	
	Louisiana Micro-Enterprise - Statewide	

**Aligned to pathway.*

K16 PATHWAY ALIGNMENT

UNIVERSAL DOCUMENTS

CDF ELIGIBLE COURSES • JUMP START FUNDING • UNIVERSAL COURSE CODES

Course Name	½ Credit Course Code	1 Credit Course Code	2 Credit Course Code	3 Credit Course Code
Advanced Technical Drafting		110590		
Aerospace Engineering		110830		
Aerospace Science		150903		
Auto Body Repair I		310200	310202	310203
Auto Body Repair II		310205	310212	310213
Auto Body Repair III		310214	310215	310216
Auto Body Repair IV		310217	310218	310219
Automotive Technician I		310300	310312	310313
Automotive Technician II		310305	310322	310323
Automotive Technician III		310306	310332	310333
Automotive Technician IV		310307	310342	310343
Automotive Technician V		310308	310352	310353
Automotive Technician VI		310309	310362	310363
Basic Technical Drafting		110560		
Business Math		040307		
Carpentry I		310600	310602	310603
Carpentry II		310605	310612	310613
Computer Technology Literacy		040220 OR 061101		
Data Manipulation and Analysis: LSU Partnership		080532		
Desktop Publishing		040207 OR 061114		
Diesel Mechanics I		311200	311202	311203
Diesel Mechanics II		311205	311212	311213
Digital Media I		080800	080802	080803
Energy, Power and Transportation Technology		110310		
Engine Diagnosis and Repair		310392		
First Robotics I		150740		
First Robotics II		150750		
First Robotics III		150760		
First Robotics IV		150770		
Fundamentals of Industrial Scaffolding		310631	310632	
G.M. Technician I		313200	313202	313203
G.M. Technician II		313205	313212	313213
General Automotive Maintenance		310315	310302	310303
General Cooperative Education I				080300
General Cooperative Education II				080301
Industrial Electronics I		311800	311802	311803
Industrial Electronics II		311805	311812	311813
Industrial Machines Shop I		311900	311902	311903
Industrial Machines Shop II		311905	311912	311913
Industrial Machines Shop III		311915	311916	311805
Industrial Machines Shop IV		311918	311919	311920
Introduction to Computational Thinking		061141		
Introduction to Computation Thinking for STEM: LSU Partnership		061140		
Introduction to Engineering Design	110799	110800		
Introduction to Engineering Design (LSU Partnership)		110801		
Introduction to Hazardous Materials		311922		
Introduction to Logistics		313831		

Course Name	½ Credit Course Code	1 Credit Course Code	2 Credit Course Code	3 Credit Course Code
Introduction to Maritime Careers & Opportunities		312091		
Introduction to Motor Vehicle Technology		310373		
Introduction to Remote Controlled Vehicle Technologies		110795		
JR. ROTC: Air Force Aerospace Science		170012		
Logistics I		313837		
Logistics II		313838		
Logistics III		313839		
Logistics IV		313840		
Maintenance Assistant		313836		
Marine Engineering		110020		
Marine Operations I		312100	312102	312103
Marine Operations II		312105	312112	312113
Materials and Processes		110005		
Outdoor Power Equipment Technician I		312300	312302	312303
Outdoor Power Equipment Technician II		312305	312312	312313
Outdoor Power Equipment Technician III		312320	312321	312322
Outdoor Power Equipment Technician IV		312330	312331	312332
PLTW Aerospace Engineering		110831		
PLTW Environmental Sustainability		312098		
Power Mechanics		110330		
Project Management		310630		
Remote Controlled Vehicle Technology		110796	110797	110798
Robotics: LSU Partnership		150780		
Robotics Beginner		150723		
Robotics: Advanced		150730	150731	
Robotics: Intermediate		150729		
Steering and Suspension Systems		310381		
Supply Chain Management		313833		
Transportation Management		313832		
Warehouse and Inventory Management		313835		
Water Distribution Operator		110502		
Water Production Operator		110500		
Water Treatment Operator		110501		