Transportation Technology

What is the Transportation Technology STEP?

Transportation, Distribution & Logistics

Diesel and automotive technicians must meet customers' needs and new technologies as the sophistication of this industry is constantly changing. Automotive service technicians' and mechanics' responsibilities have evolved from simple mechanical repairs with traditional hand tools to high-level technology related repairs requiring the ability to work with computerized shop equipment.

Gulf Coast Workforce Area Projection examples for the Transportation, Distribution and Logistics career cluster	Annual Average Employment		
	2006	2016	Number change
Industrial Engineers	3250	4450	1200
Production, Planning, and Expediting Clerks	5800	6950	1150
Automotive Service Technicians and Mechanics	13300	16000	2700
Airline Pilots, Copilots, and Flight Engineers	3150	4400	1250
Bus Drivers, school	7500	10350	2850

As you begin your educational planning, don't forget to review projected employment growth in your occupational areas of interest. To explore information on employment projections and wages for the Houston-Galveston region go to http://**www.wrksolutions.com/employer/lmi/additionalreports.html**

Suggested courses for Transportation Technology

Course Name	Grade level
Principles of Agriculture, Construction, and Transportation	(8–HS Credit)
Energy, Power and Transportation Systems	(9-11)
Automotive Technology	(10-12)
Advanced Automotive Technology	(11-12)
Practicum in Transportation, Distribution and Logistic- AYES	(12)
Diesel Mechanics I and II – Dual	(12)
Principles of Technology	(11-12)
Scientific Research and Design	(11-12)

Requirements for Graduation

COURSE	RECOMMENDED ☐ PLAN	DISTINGUISHED ☐ PLAN
ENGLISH	4.0	4.0
MATHEMATICS	4.0	4.0
SCIENCE	4.0	4.0
SOCIAL STUDIES	3.5	3.5
ECONOMICS	0.5	0.5
LANGUAGES OTHER THAN ENGLISH	2.0	3.0
PHYSICAL EDUCATION	1.0	1.0
FINE ARTS	1.0	1.0
HEALTH	0.5	0.5
SPEECH	0.5	0.5
STATE APPROVED ELECTIVES	5.0	4.0
TOTAL CREDITS	26.0	26.0

NOTES:

9th GRADE (0-4.5 credits)		10th GRADE (5-9.5 credits)		11th GRADE (10-14.5 credits)		12th GRADE (15 + credits)	
FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING
ENGLISH I	ENGLISH I	ENGLISH II	ENGLISH II	ENGLISH III	ENGLISH III	ENGLISH IV	ENGLISH IV
MATHEMATICS	MATHEMATICS	MATHEMATICS	MATHEMATICS	MATHEMATICS	MATHEMATICS	MATHEMATICS	MATHEMATICS
SCIENCE	SCIENCE	SCIENCE	SCIENCE	SCIENCE	SCIENCE	SCIENCE	SCIENCE
GEOGRAPHY	GEOGRAPHY	WORLD HISTORY	WORLD HISTORY	US HISTORY	US HISTORY	GOVERNMENT ECONOMICS	GOVERNMENT ECONOMICS

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