

ITS: SUPPLY CHAIN AND TRANSPORTATION



Associate of Applied Science Degree

10-825-16

Rapid changes in technology and work processes have created a growing demand for flexibility and enhanced skill levels in the workplace. Employers increasingly are seeking workers able to perform multiple tasks and roles that cut across traditional occupational categories. To be productive and effective in the changing workplace, workers may need skills and knowledge drawn from a variety of traditional areas of study. As a result, Blackhawk Technical College has a versatile Individualized Technical Studies degree that complements industry needs, enabling students interested in pursuing an associate degree to create a unique, individualized program. This specialized program of study combines the skills taught in two or more existing Blackhawk programs and is designed in cooperation with an occupational advisor from the target industry and an academic advisor from Blackhawk. Students achieve their career goals by acquiring skills and knowledge in an associate degree program tailored to meet their specific employment needs.

The **Supply Chain and Transportation** Individualized Technical Studies degree allows students to develop their own degree in supply chain-related fields. Supply Chain and Transportation encompasses the transfer, coordination and management of goods from production to consumption, ensuring efficient movement across modes of transportation as well as maintenance of the respective transport modes. Example plans for this degree are shown in the pathways tabs.

Below are the general requirements for your Individualized Technical Studies degree. Working with your academic advisor, you can plan your Individualized Technical Studies degree program.

General Education Courses (21-30 credits required)

Communications (select at least two courses) - 6 credits total required

Code	Title	Credits
801-136	English Composition 1	3
801-195	Written Communication	3
or 801-196	Oral/Interpersonal Communication	
801-197	Technical Reporting	3
801-198	Speech	3

Social Science (select at least one course) - 3 credits total required

Code	Title	Credits
809-166	Introduction to Ethics: Theory and Application	3
809-172	Introduction to Diversity Studies	3
809-195	Economics	3
809-196	Introduction to Sociology	3

Behavioral Science (select at least one course) - 3 credits total required

Code	Title	Credits
809-198	Introduction to Psychology	3
809-159	Abnormal Psychology	3
809-188	Developmental Psychology	3
809-172	Introduction to Diversity Studies	3
809-196	Introduction to Sociology	3
809-166	Introduction to Ethics: Theory and Application	3

Mathematics or Science (select at least one course) - 3 credits total required

Select an appropriate mathematics or science course in consultation with your academic advisor.

Code	Title	Credits
804-113	College Technical Mathematics 1A	3
804-114	College Technical Mathematics 1B	2
804-134	Mathematical Reasoning	3
804-118	Intermediate Algebra with Applications	4
804-189	Introductory Statistics	3
804-195	College Algebra w Apps	3
804-196	Trigonometry w Apps	3
804-197	College Algebra and Trigonometry with Applications	5
804-198	Calculus 1	4
804-211	Quantitative Reasoning	3

Also select 6 additional credits of approved General Education courses to complete the General Education Course Requirements.

Individualized Technical Studies Courses (36-47 credits required)

Working with your academic advisor, select existing courses from the program areas in which you are interested. At least **20 credits** must be focused in one of your desired areas.

Electives (0-6 credits required)

Select up to an additional 6 credits of electives that are relevant to your career goals.

Total Program Credits - 60-70

10-825-16 (with 82AS Major)

The Automotive Shop Manager Pathway is an example of a plan you could follow to complete the ITS: Supply Chain and Transportation associate degree.

Code	Title	Credits
General Education Courses		
801-198	Speech	3
801-197	Technical Reporting	3
804-113	College Technical Mathematics 1A	3
809-198	Introduction to Psychology	3
809-143	Microeconomics	3
Core Emphasis Courses		
404-651	Service Fundamentals 2	1
404-652	Brake Service 1	1
404-653	Brake Service 2	1
404-654	Brake Service 3	1
404-655	Brake Service 4	1
404-656	Steering & Suspension 1	1
404-657	Steering & Suspension 2	1
404-658	Steering & Suspension 3	1

404-659	Steering & Suspension 4	1
404-661	Service Simulation	2
404-663	Service Management	1
404-662	Engine Repair 1	1
404-664	Engine Repair 2	1
404-665	Engine Repair 3	1
404-666	Engine Repair 4	1
404-667	Drive Train Service 1	1
404-668	Drive Train Service 2	1
404-670	Heating & Air Conditioning Service 1	1
404-671	Heating & Air Conditioning Service 2	1
404-672	Heating & Air Conditioning Service 3	1
404-673	Heating & Air Conditioning Service 4	1
404-675	Electrical Service 1	1
404-676	Electrical Service 2	1
404-677	Electrical Service 3	1
404-679	Electronic Engine Control Fundamentals 1	1
404-680	Electronic Engine Control Fundamentals 2	1
404-681	Electronic Engine Control Fundamentals 3	1
404-682	Electronic Engine Control Fundamentals 4	1
404-683	Electronic Engine Control Diagnosis 1	1
404-685	Emission Control Service and Certification	1
404-688	Engine Performance Diagnosis 1	1
404-689	Engine Performance Diagnosis 2	1
404-692	Drive Train/Transaxle Service 1	1
404-693	Drive Train/Transaxle Service 2	1
404-694	Service Internship	2
404-695	Customer Service Fundamentals	2

Technical Studies Courses		
102-148	Introduction to Business and Management	3
102-155	Introduction to Project Management	3
104-102	Marketing Principles	3
102-115	Management Principles	3
196-193	Human Resource Management	3

Total Credits **69**