



TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS

Northwood Tech Program: Automation for Industrial Systems 2021-2022

Lakeland University Program: Organizational Management, Management Emphasis 2021

Minimum GPA for admission: 2.0

Review Date: 8/17

General Education Courses					
Technical College			Lakeland		
Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
10801136	English Composition 1	3	GEN 110	Composition I: Academic Writing	3
10804113	College Technical Mathematics 1A	3	MAT 130	Intermediate Algebra	3
10804114	College Technical Mathematics 1B	2		An elective course	2
10809198	Introduction to Psychology	3	PSY 200	Introduction to Psychology	3
10801196	Oral/Interpersonal Communication --OR--	3	COM 111	Fundamentals of Public Speaking	3
10801198	Speech				
10809166	Introduction to Ethics: Theory and Application --OR--	3	PHI 232	Ethics	3
10809172	Introduction to Diversity Studies --OR--		SOC 210	Majority-Minority Relations	
10809195	Economics		ECN 235	Macroeconomics	
Total general education credits earned:		17	Total general education credits accepted:		17

Occupational Courses					
Course No.	Course Title	Credits	Course No.	Course Title	Credits
10150111	Cisco CCNA 1 Introduction to Networks	3	CPS 325	Networking and Telecommunications	3
10150139	IT Essentials and Security	2		An elective course	2
10154149	Windows Operating Systems	3	CPS 420*	Operating Systems	3
10605167	Electricity 1	2		An elective course	2
10631100	Introduction to Process Control	2		An elective course	2
10150113	Cisco CCNA 2 Routing and Switching Essentials	3		An elective course	3
10150117	Server Administration 1	3		An elective course	3
10154103	Linux Operating Systems	3	CPS 420*	Operating Systems	3
10605168	Electricity 2	2		An elective course	2
10150170	Coding with Python	2		An elective course	2
10631102	Industrial Power Electronics	2		An elective course	2
10631103	Process Control and Instrumentation	3		An elective course	3
10631108	PLC Programming and Interfacing	3		An elective course	3
10631109	Industrial AC, Motor Control, and Pilot Devices	3		An elective course	3
10631104	Smart Instruments	2		An elective course	2
10631105	Industrial Networks and Communication Busses	2		An elective course	2
10631106	Supervisory and Distributed Control Systems	3		An elective course	3
10631107	Industrial Automation Case Project	1		An elective course	1
10631110	Advanced PLC Programming and Interfacing	3		An elective course	3
Total of Occupational/Elective		47	Total of Occupational/Elective		47
Total transferable credits:		64	Total transferable credits:		64

NOTE: Transfer credits noted assume completed Associate's Degree.

* both courses needed to fulfill requirement

Courses needed to complete degree at Lakeland University:

Course No.	Course Title	Credits
GEN 112	Composition II: Argumentation & Research	3
GEN 3XX	CORE II: Exploring the Human Condition	3
GEN 4XX	CORE III: Shaping the Future	3
ACC 210	Financial Accounting Principles	3
BUS 301	Management Information Systems	3
BUS 330	Management Principles	3
BUS 410	Business Law I	3
BUS 491	Business Policy Strategy (WI)	3
ECN 230	Principles of Microeconomics	3
MKT 350	Marketing Principles	3
Management Emphasis Choose 3 of 6		9 to 10
BUS 380	Human Resource Management	
BUS 445	Logistics and Supply Chain Management	
BUS 455	Entrepreneurial Management	
BUS 492	Organizational Leadership	
EXP 100 & BUS 400	Professional Protocol (1 sem. Hour) Internship in Business (3 sem. hours)	
MKT 425	Retail Management	
Electives needed to reach the 120 credit minimum:		16 to 17
Total credits needed to complete Lakeland University degree:		56