

**National Science Foundation: Academic Pathway Planning for Logistics Engineering Technology**

Revised 7/22/2015  
Scott Wegeng/J.J. Schultz

**Complete Course List for an AAS in Logistics Engineering Technology**

Industry Compression Planning with Storyboarding Session held 02-06-2015

General Education and Basic Related	General Education (GenEd) Courses					
	Course Name	Course Number	Credits	Map to Compression Planning	Notes	
	Into to Environmental Science Safety & Health	ESSH-1101	3	A-05, A-06, A-14, WD-01, WD19	Placement in ENGL 1100	
	Technical Math	MATH-1102	3	3.04, A-03, A-11, GN-01, GN-08		
	Composition I	ENGL-1100	3	2.01, 2.02, 2.03, GN-10, WD18	ENGL-0190 or COMPASS writing 69-99	
	Engineering Statistics	MECH-2270	3	1.02, 3.04, A-08, 4.04, GN-01		
	Ethics	PHIL-1130	3	GN-06, WD10, WD19, WD22		
<b>Total General Education Credit Hours</b>			<b>15</b>			
General Education and Basic Related	Basic Related Courses					
	Course Name	Course Number	Credits	Map to Compression Planning	Notes	
	Database Fundamentals	CSCI-1320	2	1.04, 2.02, 3.03, 3.07, 4.04, A-10		
	Project Management Fundamentals & Case Studies	CSCI-2330	4	1.03, 2.03, 3.05, 4.05, GN-09, DC03		
	Excel I (Intro to Excel)	BOA-1102	2	1.02, 2.03, 3.04, 3.07, 4.04, GN-08	Placement into ENGL 1100 & MATH 1010	
	Excel II (Intermediate Excel)	BOA-1172	2	1.02, 2.03, 3.04, 3.07, 4.04, GN-09	BOA 1102	
	Computer Applications in Construction/Engineering	ITST-1102	2	1.03, 3.02, 3.03, 3.05, 3.06, A-02, A-04		
	Managerial Accounting	ACCT-1212	3	1.01, 1.02, 1.03, 1.04, 1.05		
	First Year Experience Seminar	COLS-1100	1	2.01, WD-07, WD-11, WE-13		
	<b>Total Basic Related Credit Hours</b>			<b>16</b>		
	Technical Courses	SCM Technical Courses				
Course Name		Course Number	Credits	Map to Compression Planning	Notes	
SCM Principles (SCM)		SCM-1100	3	1.04, 5.01, 4.01, 4.02 & A-03		
Transportation & Traffic Management (SCM)		SCM-1101	3	1.02, 2.02, 4.04, GN-09, WE-06A-12	SCM 1100	
IT in Logistics		SCM-1501	3	1.05, 3.01, 3.02, 3.03, 3.07, A-04, DC04(b)	SCM 1100	
Warehouse Management		SCM-2110	4	1.04, 3.04, 3.06, 4.03, A-08, B-08, 3.03, WD-16	SCM 1100	
Inventory Management		SCM-2111	3	1.01, 1.02, 1.04, 3.03, 3.04, A-11, A-12, B-08	SCM 1100	
Supply Chain Management Seminar		SCM-2802	1	5.01, 5.02, GN-07, DC04, DC05, DC06	Corequisite SCM 2902	
Supply Chain Management Practicum		SCM-2902	1	5.01, 5.02, GN-07, DC04, DC05, DC07	Corequisite SCM 2802	
<b>Total SCM Technical Credit Hours</b>			<b>18</b>			
Technical Courses		CSCI Technical Courses				
	Course Name	Course Number	Credits	Map to Compression Planning	Notes	
	Introduction to Programming Logic	CSCI 1103	3	3.01 TO 3.03, A-02, A-04, B-04 TO B-06, GN-01, DC05		
Operating Systems / Networking	CSCI 1152	3	3.01 TO 3.03, A-02, A-04, B-04 TO B-06, GN-01, DC06	CSCI 1103		
<b>Total CSCI Technical Credit Hours</b>			<b>6</b>			
Technical Courses	ENGT Technical Courses					
	Course Name	Course Number	Credits	Map to Compression Planning	Notes	
	Intro to Industrial and Systems Engineering	ENGT 1200	3	A-01 TO A-15		
	Intro to Electric Motors, Controls, and PLC's	ENGT 1300	4	B-01 TO B-08		
	Engineering Graphics	ENGT-1115	3	A-21, A-04, A-07, A-11		
<b>Total Engineering Technical Credit Hours</b>			<b>10</b>			
<b>Total GenEd &amp; Basic Related Credits</b>			<b>31</b>			
<b>Total Technical Credits</b>			<b>34</b>			
<b>Total AAS Degree Credits</b>			<b>65</b>			



*This material is based upon work supported by the National Science Foundation under Grant No. 1400452.*

