

LANSING COMMUNITY COLLEGE

Computer, Engineering/Manufacturing Industrial Technologies

**Curriculum Code:
1713 (Effective Fall
2017 – Summer
2022)**

Convergence Technology C.A. Pathway

Semester I	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
CITF 110	Intro Computer Info Systems	Reading Level 4 and Writing Level 4	3 / 3
CITF 120	Operating Systems Concepts	Reading Level 5	3 / 3
CITP 110	Intro to Computer Programming	Reading Level 5 and Math Level 4	4 / 4
CITS 125	Computer Support: A+ Cert Prep	Reading Level 5 and Writing Level 4 and Math Level 3	6 / 6
Credits			16 / 16
Semester II	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
CITN 115	Home Technology Integration	Reading Level 4 and Writing Level 4	5 / 6
CITN 120	Networking Concepts	Reading Level 4 and Writing Level 4	3 / 3
CITN 220	Introduction to Networks	Minimum 2.0 in CITS 125 and Reading Level 5 and Writing Level 6 and Math Level 4	3 / 3
CITN 225	Routing & Switching Essentials	Minimum 2.0 in (CITN 220 within 2 years or concurrently) and Reading Level 5 and Writing Level 6 and Math Level 4	3 / 3
Credits			14 / 15

Semester III	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
BUSN 118	Introduction to Business	(Reading Level 5 and Writing Level 4) or AASD 105 concurrently	3 / 3
CITF 140	Information Technology Ethics	Reading Level 5 and Writing Level 6	3 / 3
CITN 222	Wireless Networking & Security	Minimum 2.0 in CITS 125 and Reading Level 5 and Writing Level 6 and Math Level 4	3 / 3
CITN 228	VoIP Fundamentals	Minimum 2.0 in CITN 225 and Reading Level 5 and Writing Level 6 and Math Level 4	3 / 3
Credits			12 / 12
Total Credits			42 / 43