

Computer, Engineering/Manufacturing Industrial Technologies

Curriculum Code: 0713
(Effective Fall 2017 – Summer 2022)

Computer Support Specialist A.B. Pathway

Semester I	Course Title	Prerequisites	Credit/ Billing Hours
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Math Core Area - *Select 1*

MATH 122	Precalculus II	(Minimum 2.0 in MATH 121 within 2 years or Math Level 7 within 2 years) and Reading Level 5 and Writing Level 4	4 / 4
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Program of Study Requirements

CITA 115	Microsoft PowerPoint	Reading Level 4	3 / 3
CITA 126	Microsoft Excel	Reading Level 5	3 / 3
CITF 108	Microsoft Windows	Reading Level 3	2 / 2
CITF 110	Intro Computer Info Systems	Reading Level 4 and Writing Level 4	3 / 3
CITW 150	Internet Literacy	Reading Level 5 and Writing Level 6	3 / 3

Credits **18 / 18**

Semester II	Course Title	Prerequisites	Credit/ Billing Hours
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Writing Core Area - *Select 1*

ENGL 121 (formerly WRIT 121)	Composition I	Reading Level 5 and Writing Level 6	4 / 4
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Program of Study Requirements

CITA 119	Microsoft Word	Reading Level 4	3 / 3
CITA 133	Microsoft Access Database	Reading Level 4	3 / 3
CITN 120	Networking Concepts	Reading Level 4 and Writing Level 4	3 / 3
CITP 110	Intro to Computer Programming	Reading Level 5 and Math Level 4	4 / 4

Credits **17 / 17**

Semester III	Course Title	Prerequisites	Credit/ Billing Hours
Communication Core Area - <i>Select 1</i>			
COMM 110 (formerly SPCH 110)	Oral Comm in the Workplace	(Reading Level 5 and Writing Level 6) or AASD 104 concurrently	3 / 3
COMM 120 (formerly SPCH 120)	Dynamics of Communication	Reading Level 5 and Writing Level 6	3 / 3
COMM 130 (formerly SPCH 130)	Fund of Public Speaking	Reading Level 5 and Writing Level 6	3 / 3
Global Perspectives and Diversity Core Area - <i>Select 1</i>			
GEOG 200	World Regional Geography	Reading Level 5 and Writing Level 6 and Math Level 4	4 / 4
MGMT 234	Diversity in the Workplace	Reading Level 5 and Writing Level 6	3 / 3
SOCL 120	Introduction to Sociology	Reading Level 5 or AASD 105 concurrently	4 / 4
Program of Study Requirements			
CITF 140	Information Technology Ethics	Reading Level 5 and Writing Level 6	3 / 3
CITS 125	Computer Support: A+ Cert Prep	Reading Level 5 and Writing Level 4 and Math Level 3	6 / 6
Credits			15-16 / 15-16

Semester IV	Course Title	Prerequisites	Credit/ Billing Hours
Science Core Area - <i>Select 1</i>			
BIOL 120	Environmental Science	(Reading Level 5 or AASD 105 concurrently) and Writing Level 6	4 / 6
CHEM 135	Chemistry in Society	Reading Level 5 and Writing Level 6 and Math Level 4	4 / 5
PHYS 120	The Art of Physics	Reading Level 5 and Writing Level 6 and (Math Level 5 or MATH 107 concurrently or MATH 109 concurrently)	4 / 5
Program of Study Requirements			
BUSN 118	Introduction to Business	(Reading Level 5 and Writing Level 4) or AASD 105 concurrently	3 / 3
CITS 285	IT Professional Internship	Department Approval	3 / 3
Additional Computer Electives - <i>Select 2</i>			
CITA 140	Microsoft Outlook	Reading Level 4	3 / 3
CITA 219	Advanced Microsoft Word	Minimum 2.0 in CITA 119 and Reading Level 4	3 / 3
CITA 226	Microsoft Excel–Advanced	Minimum 2.5 in CITA 126 and Reading Level 5	3 / 3
CITA 233	Advanced Microsoft Access	Minimum 2.0 in CITA 133 and Reading Level 5	2 / 2
CITD 250	Database Concepts	Minimum 2.0 in (CITF 110 and (CITP 110 or CITP 150)) and Reading Level 5 and Writing Level 6	3 / 3
CITF 260	Systems Analysis and Design	Minimum 2.0 in (CITF 110 and (CITP 110 or CITP 150)) and Reading Level 5 and Writing Level 6 and Math Level 4	4 / 4
CITN 280	IT Security Foundations	Minimum 2.0 in (CITN 220 or CITS 225) and Reading Level 5 and Writing Level 6 and Math Level 3	3 / 3
CITS 225	Networking for PC Technicians	Minimum 2.0 in CITS 125 and Reading Level 5 and Writing Level 4 and Math Level 3	4 / 4

CITW 160	Web Site Dsgn & Development I	Reading Level 5 and Writing Level 6	3 / 3
			Credits 12-15 / 12-15
			Total Credits 62-66 / 62-66