De Anza College Guided Pathways

Meta-major:	Physical Sciences and Technology
Pathway for:	Computer Science: Network Administration: Certificate of Achievement Advanced

	FALL QUARTER	WINTER QUARTER	SPRING QUARTER
First year	**Required courses:** CIS 22A CIS 66 EWRT 1Aor ESL 5 as required **Additional courses:**	**Required courses:** CIS 22B CIS 67A MATH as required **Additional courses:**	**Required courses:** CIS 67B CIS 75A (summer) **Additional courses:**

	FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Second year	**Required courses:** CIS 18A **Additional courses:**	**Required courses:** CIS 18B or CIS 33A (fall) CIS 31 or 170F (spring) **Additional courses:**	**Required courses:** **Additional courses:**

Additional notes:

Any required courses may be substituted by the exact corresponding Honors course when available.

It is recommended to complete EWRT and MATH as soon as possible.

CIS 31, 33A, 67A, 67B, 75A, and 170F are offered rarely, so it is recommended to take these courses any time you see them available no matter which quarter they are offered