The following career studies certificate provides students with targeted skills, but CANNOT be used to meet the IT electives in the IST AAS degree:

INFORMATION SYSTEMS TECHNOLOGY:
Network Engineering (Professional)
Career Studies Certificate   **WO**

Purpose: This career studies certificate provides the student who has completed the Network Engineering (Specialist) career studies certificate with advanced courses to prepare the student to sit for the CISCO Certified Networking Professional (CCNP) certification exam.

One Year	**Credits**
1st Semester	
[1]ENG/SPD Elective	3
ITN 250 Advanced Routing – CISCO	4
ITN 251 Remote Access Networking – CISCO	<u>4</u>
Total	**11**
2nd Semester	
ITN 252 Advanced Switching – CISCO	4
ITN 253 Network Troubleshooting – CISCO	<u>4</u>
Total	**8**

Total Credits for the Career Studies Certificate in Network Engineering (Professional) = 19.

IT courses used for this program may not be more than 10 years old, unless approved by division dean.

[1] ENG/SPD elective must be selected from the following: ENG 111, SPD 100, 110, 115, 126, 227 or 229.