

Appendix D - Sequential Electives

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All students may apply for acceptance to Advanced Technology Center programs. Sequential electives are defined as two years of study in a focused sequence of elective courses leading to further education or preparation for employment. Students who are pursuing the Standard Diploma or the Modified Standard Diploma must complete two sequential credits. Students pursuing an Advanced Studies Diploma are not required to complete sequential electives.

Advanced Technology Center Sequential Electives 2018-2019 Standard High School Diploma

Sequential Electives Available at the Advanced Technology Center

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Information Technology & Computer Sciences

Item #	Title	Credits
AT 8685	Cybersecurity Systems Technology I	3
AT 6657/AT 6665 DE	CISCO Network Engineering I	3
AT 6658/AT 6666 DE	Cisco Network Engineering II	3
AT 8680	Telecommunications I	3
AT 8681	Telecommunications II	3
AT 6655/AT 6660 DE	Network Administration & Cyber Defense I	3
AT 6656/AT 6661 DE	Network Administration & Cyber Defense II	3
AT 6630	Web Design Foundations	3
AT 6631	Advanced Web Design	3
AT 6641	Software and Game Development	3
AT 6642	Advanced Software and Game Development	3

Architecture, Engineering & Manufacturing

Item #	Title	Credits
AT 8530	Engineering Design	3
	AT 8531 or AT 8532	3
AT 8436	Engineering Technology I	3
AT 8437	Engineering Technology II	3

Digital Design & Marketing

Item #	Title	Credits
AT 8570	Digital Design I	3
AT 8571	Digital Design II	3
	ME 8223 or ME 8222	2-3
	ME 8243 or ME 8242	2-3
AT 8165	DE Hospitality & Tourism Management	2
AT 8166	DE Advanced Hospitality & Tourism Management	2

**Two courses must be taken in sequence unless noted as a stand alone program.*