Excelsior College Bachelor of Science in Electrical Engineering Technology – Electronics Concentration
Hudson Valley Community College AAS – Electrical Engineering Technology - Electronics
Transfer Guide – October 2011

HVCC AAS – Electrical Engineering Technology - Electronics Program

☐	ELET 100	Electricity I	4
☐	ELET 101	Electricity II	4
☐	ELET 105	Electronics I	4
☐	ELET 120	Personal Computer Hardware Essentials	3
☐	ELET 206	Elements of Comm. Electronics	4
☐	ELET 210	Digital Electronics	4
☐	ELET 215	Operational Amplifiers	4
☐	ELET 225	Electro-Mechanical Devices & Sys.	4
☐	ELET 230	Electronic Design	1
☐	ELET 245	Intro. To Microcontrollers	4
☐	ENG 101	English Composition I	3
☐	ENG 102	English Composition II	3
☐	MATH 160	Precalculus *(instead of MATH 150)*	4
☐	MATH 180	Calculus I *(instead of MATH 165)*	4
☐	PHYS 140	Physics I *(instead of PHYS 135)*	4
☐	PHYS 141	Physics II *(instead of PHYS 136)*	4
☐	Humanities or Social Science Elective		3
☐	ELET 115	C/C++ for Technologies (Technical Elective)	4

Total Credits Transferred from AAS Degree **65**

HVCC Courses Beyond the AAS

☐	Communications: ENGL 110 OR ENGL 120 IR ENGL 125	3
☐	MKTG 240: Business Ethics	3
☐	Social Science/History electives	9
☐	Humanities elective	3
☐	MATH 190: Calculus II	4
☐	MATH 220: Differential Equations (prereq MATH 210: Calc III)	4
☐	9 credits in Arts and Science electives	9

Choose an additional 3 credits in any subject area. A maximum of 2 credits in physical education activity courses will apply. 3

Total Additional Credits Completed at HVCC **38**

Excelsior College courses to complete the bachelor degree

☐	INL 102: Information Literacy	1
☐	IT 390: Project Management	3
☐	IT 350: Business Data Communications	3
☐	ELEC 303: Advanced Digital Electronics	4
☐	ELEC 321: Control Systems	3
☐	ELEC 304: Microprocessors II	4
☐	ELEC 495: Integrated Technology Assessment	3

Total Credits Completed at Excelsior College **21**