

## CT State Engineering Science AS to University of Bridgeport Electrical Engineering BS Transfer Sheet

CT State Community College Engineering Science AS		University of Bridgeport Electrical Engineering BS		
Category	Community College Course	Credits	University Course	Credits
General Education	ENG 1010 Composition	3	ENGL 101	3
General Education	MATH 2600 Calculus I	4	MATH110	4
General Education	PHIL 1101 Ethics	3	PHIL 203	3
General Education	CHEM 1210 General Chemistry I w/ lab	4	CHEM123/123L	4
General Education	Elective HISX Historical Knowledge Course	3	SOSC	3
General Education	ENG 1020 Composition II and Literature	3	ENGL 102	3
General Education	CCS 1001 College and Career Success	3	FYS 101*	
Program Courses	Elective BHEL Behavioral Science Elective	3	SOSC/HUM**	
Program Courses	Elective SSCI Social Science Elective (Economics Recommended)	3	SOSC	3
Program Courses	PHYS 2201 Calculus-Based Physics I	4	PHYS 207/207L	4
Program Courses	PHYS 2202 Calculus- Based Physics II	4	PHYS 208/208L	4
Program Courses	MATH 2610 Calculus II	4	MATH 112	4
Program Courses	MATH 2620 Calculus III- Multivariable	4	MATH 215	4
Program Courses	MATH 2622 Differential Equations	4	MATH 281	3
Program Courses	EGR 1110 Introduction to Engineering	3	ENGR 111*	3
Program Courses	Introductory Programming Course (MATLAB preferred)	3	CPSC 101	3
Program Courses	EGR 2211 Engineering Statics	3	Elective	3
Program Courses	EGR 2215 Thermodynamics I	4	Elective	3
Specialization Elective	EGR 2221 Introduction to Electrical Circuit Analysis	4	ELEG 233/235	4
Specialization Elective	EETA 2052 Digital Electronics	4	ELEG210	3

**TOTAL REQUIRED CREDITS: 70**

**TOTAL AWARDED CREDITS: 61**

University Credits remaining to  
complete degree after transfer 59

**TOTAL CREDITS IN DEGREE: 120**

\*Either FYS 101 or ENGR 111 is required.

\*\*Only two SOSC and two HUM courses are required.

\*\*\*Spec. Electives: Can be Statics, Dynamics, Thermodynamics, any 200+ level STEM course