

Transfer Pathways for Select Connecticut State Community College STEM Associate Degrees to 4-year Worcester Polytechnic Institute Engineering Degrees

*This document reflects an **UNOFFICIAL** evaluation of undergraduate transfer credits by Worcester Polytechnic Institute as of June 2, 2026, and it may differ from an official evaluation, which would be completed upon receipt of an application for admission and all official transcripts.*

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Checkmarks (✓) denote that the course will count towards the specified degree's requirement. Final review and confirmation that a course will fulfill a degree requirement is based on the degree requirements within the undergraduate catalog at the time of matriculation to WPI.

Current course evaluations can be found here:

https://tes.collegesource.com/publicview/TES_publicview01.aspx?rid=34076cbf-fca1-4968-8f3f-08d4e25fd9d5&aid=04996a1f-7563-4932-a580-3b9fb14fa403

** Best to take courses that transfers as a WPI numbered courses rather than 1XXX or 2XXX Level electives **

Please review the WPI Undergraduate Catalog for more information <https://wpi.cleancatalog.net/>

WPI degree tracking sheets can be found here: <https://www.wpi.edu/student-experience/resources/academic-advising/program-tracking-sheets>

Information on the WPI Terms and Credits Unit system can be found here: <https://wpi.cleancatalog.net/wpi-degree-requirements>

Engineering Science at CT State CC to 'Aerospace Engineering' at WPI

Connecticut State Community College Course	Credits	Worcester Polytechnic Institute Course	Credits	Aerospace Eng Degree
Common Curriculum				
ENG 1010 English Composition	3	WR 1010: Elements of Writing	1/3	✓
ENG 1020 or ENG 1080	3	WR 1020: Introduction to Rhetoric or WR 1011: Writing and Science & Technology	1/3	✓
PHIL 1101 Ethics	3	PH 2731: Ethics	1/3	✓
HIST 1015 US History to 1877 – OR – HIST 1016 US History from Reconstruction – OR – HIST 1022 World History Since 1500s	3	HI 2313: American History, 1789-1877 – OR – HI 2314: American History, 1877-1920 – OR – INTL 1100: Introduction to International and Global Studies	1/3	✓ ✓ ✓
PSY 1011 General Psychology I – OR – SOC 1001 Principles of Sociology	3	PSY 1400: Introduction to Psychological Science – OR – SOC 1202: Introduction to Sociology and Cultural Diversity	1/3	✓ ✓
ECON 1001 Principles of Macroeconomics – OR – ECON 1002 - Principles of Microeconomics	3	ECON 1120: Introduction to Macroeconomics - OR ECON 1110: Introduction to Microeconomics-	1/3	✓ ✓
CCS 1001 College and Career Success	3	EL 1XXX: General Elective 1000 Level	1/3	*
Lab Science				
CHEM 1210 General Chemistry I w/ lab	4	CH 1010: Chemical Properties, Bonding, and Forces	1/3	✓
PHYS 2201 Calculus-based Physics I w/ lab	4	PH 1110: General Physics—Mechanics	1/3	✓
PHYS 2202 Calculus-based Physics II w/ lab	4	PH 1120: General Physics—Electricity & Magnetism	1/3	✓
Math				
MATH 2600 Calculus I	4	MA 1021: Calculus I	1/3	✓
MATH 2610 Calculus II	4	MA 1022: Calculus II	1/3	✓
MATH 2620 Calculus III: Multivariable	4	MA 1023: Calculus III	1/3	✓
		MA 1024: Calculus IV	1/3	✓
MATH 2622 Differential Equations	4	MA 2051: Ordinary Differential Equations	1/3	✓
Programming				
CSC 1203 Python Fundamentals	3	CS 1004: Introduction to Computer Programming	1/3	*
Engineering				
EGR 1110 Introduction to Engineering	3	ES 1020: Introduction to Engineering	1/3	*
EGR 2211 Engineering Statics	3	ES 2501: Introduction to Static Systems	1/3	*
EGR 2215 Thermodynamics I	4	ES 3001: Introduction to Thermodynamics	1/3	*
Specialization Elective				
MATH 2621 Linear Algebra	4	MA 2071: Matrices and Linear Algebra I	1/3	✓
EGR 2212 Engineering Dynamics	3	ES 2503: Introduction to Dynamic Systems	1/3	✓

*Aerospace has three free electives; three asterisked courses will count.

Engineering Science at CT State CC to 'Architectural Engineering' at WPI

Connecticut State Community College Course	Credits	Worcester Polytechnic Institute Course	Credits	Architectural Engineering Degree
Common Curriculum				
ENG 1010 English Composition	3	WR 1010: Elements of Writing	1/3	✓
ENG 1020 or ENG 1080	3	WR 1020: Introduction to Rhetoric or WR 1011: Writing and Science & Technology	1/3	✓
PHIL 1101 Ethics	3	PH 2731: Ethics	1/3	✓
HIST 1015 US History to 1877 – OR – HIST 1016 US History from Reconstruction – OR – HIST 1022 World History Since 1500s	3	HI 2313: American History, 1789-1877 – OR – HI 2314: American History, 1877-1920 – OR – INTL 1100: Introduction to International and Global Studies	1/3	✓
PSY 1011 General Psychology I – OR – SOC 1001 Principles of Sociology	3	PSY 1400: Introduction to Psychological Science – OR – SOC 1202: Introduction to Sociology and Cultural Diversity	1/3	✓
ECON 1001 Principles of Macroeconomics – OR – ECON 1002 - Principles of Microeconomics	3	ECON 1120: Introduction to Macroeconomics - OR ECON 1110: Introduction to Microeconomics-	1/3	✓
CCS 1001 College and Career Success	3	EL 1XXX: General Elective 1000 Level	1/3	---
Lab Science				
CHEM 1210 General Chemistry I w/ lab	4	CH 1010: Chemical Properties, Bonding, and Forces	1/3	✓
PHYS 2201 Calculus-based Physics I w/ lab	4	PH 1110: General Physics—Mechanics	1/3	✓
PHYS 2202 Calculus-based Physics II w/ lab	4	PH 1120: General Physics—Electricity & Magnetism	1/3	✓
Math				
MATH 2600 Calculus I	4	MA 1021: Calculus I		✓
MATH 2610 Calculus II	4	MA 1022: Calculus II	1/3	✓
MATH 2620 Calculus III: Multivariable	4	MA 1023: Calculus III	1/3	✓
		MA 1024: Calculus IV	1/3	✓
MATH 2622 Differential Equations	4	MA 2051: Ordinary Differential Equations	1/3	✓
Programming				
CSC 1201: Introduction to Programming – OR – EGR 2201: MATLAB for Engineers	3	CS 1004: Introduction to Computer Programming – OR – BME 1004: Introduction to Programming in MATLAB	1/3	---
Engineering				
EGR 1110 Introduction to Engineering	3	ES 1020: Introduction to Engineering	1/3	---
EGR 2211 Engineering Statics	3	ES 2501: Introduction to Static Systems	1/3	---
EGR 2215 Thermodynamics I	4	ES 3001: Introduction to Thermodynamics	1/3	✓
Specialization Elective				
MATH 2621 Linear Algebra	4	MA 2071: Matrices and Linear Algebra I	1/3	✓
See Specialization Electives Table	3-4	See Specialization Electives Table	1/3	---

Engineering Science at CT State CC to 'Biomedical Engineering' at WPI

Connecticut State Community College Course	Credits	Worcester Polytechnic Institute Course	Credits	Biomedical Engineering Degree
Common Curriculum				
ENG 1010 English Composition	3	WR 1010: Elements of Writing	1/3	✓
ENG 1020 or ENG 1080	3	WR 1020: Introduction to Rhetoric or WR 1011: Writing and Science & Technology	1/3	✓
PHIL 1101 Ethics	3	PH 2731: Ethics	1/3	✓
HIST 1015 US History to 1877 – OR – HIST 1016 US History from Reconstruction – OR – HIST 1022 World History Since 1500s	3	HI 2313: American History, 1789-1877 – OR – HI 2314: American History, 1877-1920 – OR – INTL 1100: Introduction to International and Global Studies	1/3	✓
PSY 1011 General Psychology I – OR – SOC 1001 Principles of Sociology	3	PSY 1400: Introduction to Psychological Science – OR – SOC 1202: Introduction to Sociology and Cultural Diversity	1/3	✓
ECON 1001 Principles of Macroeconomics – OR – ECON 1002 - Principles of Microeconomics	3	ECON 1120: Introduction to Macroeconomics - OR ECON 1110: Introduction to Microeconomics	1/3	✓
CCS 1001 College and Career Success	3	EL 1XXX: General Elective 1000 Level	1/3	*
Lab Science				
PHYS 2201 Calculus-based Physics I w/ lab	4	PH 1110: General Physics—Mechanics	1/3	✓
PHYS 2202 Calculus-based Physics II w/ lab	4	PH 1120: General Physics—Electricity & Magnetism	1/3	✓
Math				
MATH 2600 Calculus I	4	MA 1021: Calculus I	1/3	✓
MATH 2610 Calculus II	4	MA 1022: Calculus II	1/3	✓
MATH 2620 Calculus III: Multivariable	4	MA 1023: Calculus III	1/3	✓
		MA 1024: Calculus IV	1/3	✓
MATH 2622 Differential Equations	4	MA 2051: Ordinary Differential Equations	1/3	✓
Programming				
EGR 2201: MATLAB for Engineers	3	BME 1004: Introduction to Programming in MATLAB	1/3	✓
Engineering				
EGR 1110 Introduction to Engineering	3	ES 1020: Introduction to Engineering	1/3	*
EGR 2211 Engineering Statics	3	ES 2501: Introduction to Static Systems	1/3	✓
EGR 2215 Thermodynamics I	4	ES 3001: Introduction to Thermodynamics	1/3	✓
Specialization Elective				
BIO 1220 General Biology II	4	BB 1101: Foundations of Cellular and Molecular Biotechnology	1/3	✓
CHEM 1210 General Chemistry I w/ lab	4	CH 1010: Chemical Properties, Bonding, and Forces	1/3	✓
CHEM 1220 General Chemistry II	4	CH 1020: Chemical Reactions	1/3	✓
		CH 1030: Kinetics, Equilibrium and Thermodynamics	1/3	✓

* BME at WPI has one free elective, one asterisked course will count

Engineering Science at CT State CC to 'Chemical Engineering' at WPI

Connecticut State Community College Course	Credits	Worcester Polytechnic Institute Course	Credits	Chemical Engineering Degree
Common Curriculum				
ENG 1010 English Composition	3	WR 1010: Elements of Writing	1/3	✓
ENG 1020 or ENG 1080	3	WR 1020: Introduction to Rhetoric or WR 1011: Writing and Science & Technology	1/3	✓
PHIL 1101 Ethics	3	PH 2731: Ethics	1/3	✓
HIST 1015 US History to 1877 – OR – HIST 1016 US History from Reconstruction – OR – HIST 1022 World History Since 1500s	3	HI 2313: American History, 1789-1877 – OR – HI 2314: American History, 1877-1920 – OR – INTL 1100: Introduction to International and Global Studies	1/3	✓
PSY 1011 General Psychology I – OR – SOC 1001 Principles of Sociology	3	PSY 1400: Introduction to Psychological Science – OR – SOC 1202: Introduction to Sociology and Cultural Diversity	1/3	✓
ECON 1001 Principles of Macroeconomics – OR – ECON 1002 - Principles of Microeconomics	3	ECON 1120: Introduction to Macroeconomics - OR ECON 1110: Introduction to Microeconomics-	1/3	✓
CCS 1001 College and Career Success	3	EL 1XXX: General Elective 1000 Level	1/3	---
Lab Science				
CHEM 1210 General Chemistry I w/ lab	4	CH 1010: Chemical Properties, Bonding, and Forces	1/3	✓
PHYS 2201 Calculus-based Physics I w/ lab	4	PH 1110: General Physics—Mechanics	1/3	✓
PHYS 2202 Calculus-based Physics II w/ lab	4	PH 1120: General Physics—Electricity & Magnetism	1/3	✓
Math				
MATH 2600 Calculus I	4	MA 1021: Calculus I		✓
MATH 2610 Calculus II	4	MA 1022: Calculus II	1/3	✓
MATH 2620 Calculus III: Multivariable	4	MA 1023: Calculus III MA 1024: Calculus IV	1/3 1/3	✓ ✓
MATH 2622 Differential Equations	4	MA 2051: Ordinary Differential Equations	1/3	✓
Programming				
CSC 1203 Python Fundamentals	3	CS 1004: Introduction to Computer Programming	1/3	---
Engineering				
EGR 1110 Introduction to Engineering	3	ES 1020: Introduction to Engineering	1/3	✓
EGR 2211 Engineering Statics	3	ES 2501: Introduction to Static Systems	1/3	✓
EGR 2215 Thermodynamics I	4	ES 3001: Introduction to Thermodynamics	1/3	✓
Specialization Elective				
MATH 2621 Linear Algebra – OR – BIO 1210 General Biology I – OR – BIO 1220: General Biology II	4	MA 2071: Matrices and Linear Algebra I – OR – BB 1102: Foundations of Ecology and Environmental Biology – OR – BB 1101: Foundations of Cellular and Molecular Biotechnology	1/3	✓
CHEM 1220: General Chemistry II	4	Cluster: CHEM 1210 & CHEM 1220 = CH 1010, CH 1020, CH 1030	2/3	✓ ✓

Engineering Science at CT State CC to 'Civil Engineering' at WPI

Connecticut State Community College Course	Credits	Worcester Polytechnic Institute Course	Credits	Civil Engineering Degree
Common Curriculum				
ENG 1010 English Composition	3	WR 1010: Elements of Writing	1/3	✓
ENG 1020 Composition II and Literature – OR – ENG 1080 Composition II: Technical Writing and Presentations	3	WR 1020: Introduction to Rhetoric – OR – WR 1011: Writing and Science & Technology	1/3	✓
PHIL 1101 Ethics	3	PH 2731: Ethics	1/3	✓
HIST 1015 US History to 1877 – OR – HIST 1016 US History from Reconstruction – OR – HIST 1022 World History Since 1500s	3	HI 2313: American History, 1789-1877 – OR – HI 2314: American History, 1877-1920 – OR – INTL 1100: Introduction to International and Global Studies	1/3	✓
PSY 1011 General Psychology I – OR – SOC 1001 Principles of Sociology	3	PSY 1400: Introduction to Psychological Science – OR – SOC 1202: Introduction to Sociology and Cultural Diversity	1/3	✓
ECON 1001 Principles of Macroeconomics – OR – ECON 1002 - Principles of Microeconomics	3	ECON 1120: Introduction to Macroeconomics - OR ECON 1110: Introduction to Microeconomics-	1/3	✓
CCS 1001 College and Career Success	3	EL 1XXX: General Elective 1000 Level	1/3	✓
Lab Science				
CHEM 1210 General Chemistry I w/ lab	4	CH 1010: Chemical Properties, Bonding, and Forces	1/3	✓
PHYS 2201 Calculus-based Physics I w/ lab	4	PH 1110: General Physics—Mechanics	1/3	✓
PHYS 2202 Calculus-based Physics II w/ lab	4	PH 1120: General Physics—Electricity & Magnetism	1/3	✓
Math				
MATH 2600 Calculus I	4	MA 1021: Calculus I	1/3	✓
MATH 2610 Calculus II	4	MA 1022: Calculus II	1/3	✓
MATH 2620 Calculus III: Multivariable	4	MA 1023: Calculus III	1/3	✓
		MA 1024: Calculus IV	1/3	✓
MATH 2622 Differential Equations	4	MA 2051: Ordinary Differential Equations	1/3	✓
Programming				
CSC 1203 Python Fundamentals	3	CS 1004: Introduction to Computer Programming	1/3	✓
Engineering				
EGR 1110 Introduction to Engineering	3	ES 1020: Introduction to Engineering	1/3	✓
EGR 2211 Engineering Statics	3	ES 2501: Introduction to Static Systems	1/3	✓
EGR 2215 Thermodynamics I	4	ES 3001: Introduction to Thermodynamics	1/3	✓
Specialization Elective				
BIO 1210: General Biology I	4	BB 1102: Foundations of Ecology and Environmental Biology	1/3	✓
CHEM 1220: General Chemistry II	4	Cluster: CHEM 1210 & CHEM 1220 = CH 1010, CH 1020, CH 1030	1/3	✓
			1/3	✓

Engineering Science at CT State CC to 'Electrical and Computer Engineering' at WPI

Connecticut State Community College Course	Credits	Worcester Polytechnic Institute Course	Credits	ECE Degree
Common Curriculum				
ENG 1010 English Composition	3	WR 1010: Elements of Writing	1/3	✓
ENG 1020 or ENG 1080	3	WR 1020: Introduction to Rhetoric or WR 1011: Writing and Science & Technology	1/3	✓
PHIL 1101 Ethics	3	PH 2731: Ethics	1/3	✓
HIST 1015 US History to 1877 – OR – HIST 1016 US History from Reconstruction – OR – HIST 1022 World History Since 1500s	3	HI 2313: American History, 1789-1877 – OR – HI 2314: American History, 1877-1920 – OR – INTL 1100: Introduction to International and Global Studies	1/3	✓
PSY 1011 General Psychology I – OR – SOC 1001 Principles of Sociology	3	PSY 1400: Introduction to Psychological Science – OR – SOC 1202: Introduction to Sociology and Cultural Diversity	1/3	✓
ECON 1001 Principles of Macroeconomics – OR – ECON 1002 - Principles of Microeconomics	3	ECON 1120: Introduction to Macroeconomics - OR ECON 1110: Introduction to Microeconomics-	1/3	✓
CCS 1001 College and Career Success	3	EL 1XXX: General Elective 1000 Level	1/3	✓
Lab Science				
CHEM 1210 General Chemistry I w/ lab	4	CH 1010: Chemical Properties, Bonding, and Forces	1/3	✓
PHYS 2201 Calculus-based Physics I w/ lab	4	PH 1110: General Physics—Mechanics	1/3	✓
PHYS 2202 Calculus-based Physics II w/ lab	4	PH 1120: General Physics—Electricity & Magnetism	1/3	✓
Math				
MATH 2600 Calculus I	4	MA 1021: Calculus I	1/3	✓
MATH 2610 Calculus II	4	MA 1022: Calculus II	1/3	✓
MATH 2620 Calculus III: Multivariable	4	MA 1023: Calculus III	1/3	✓
MATH 2622 Differential Equations	4	MA 1024: Calculus IV	1/3	✓
		MA 2051: Ordinary Differential Equations	1/3	✓
Programming				
CSC 1203 Python Fundamentals	3	CS 1004: Introduction to Computer Programming	1/3	✓
Engineering				
EGR 1110 Introduction to Engineering	3	ES 1020: Introduction to Engineering	1/3	✓
EGR 2211 Engineering Statics	3	ES 2501: Introduction to Static Systems	1/3	✓
EGR 2215 Thermodynamics I	4	ES 3001: Introduction to Thermodynamics	1/3	✓
Specialization Elective				
EETA 2052 Digital Electronics	4	ECE 2029: Introduction to Digital Circuit Design	1/3	✓
EGR 2221 Introduction to Electrical Circuit Analysis	4	ECE 2010: Introduction to Electrical and Computer Engineering	1/3	✓

Engineering Science at CT State CC to 'Mechanical Engineering' at WPI

Connecticut State Community College Course	Credits	Worcester Polytechnic Institute Course	Credits	Mechanical Engineering Degree
Common Curriculum				
ENG 1010 English Composition	3	WR 1010: Elements of Writing	1/3	✓
ENG 1020 or ENG 1080	3	WR 1020: Introduction to Rhetoric or WR 1011: Writing and Science & Technology	1/3	✓
PHIL 1101 Ethics	3	PH 2731: Ethics	1/3	✓
HIST 1015 US History to 1877 – OR – HIST 1016 US History from Reconstruction – OR – HIST 1022 World History Since 1500s	3	HI 2313: American History, 1789-1877 – OR – HI 2314: American History, 1877-1920 – OR – INTL 1100: Introduction to International and Global Studies	1/3	✓
PSY 1011 General Psychology I – OR – SOC 1001 Principles of Sociology	3	PSY 1400: Introduction to Psychological Science – OR – SOC 1202: Introduction to Sociology and Cultural Diversity	1/3	✓
ECON 1001 Principles of Macroeconomics – OR – ECON 1002 - Principles of Microeconomics	3	ECON 1120: Introduction to Macroeconomics - OR ECON 1110: Introduction to Microeconomics-	1/3	✓
CCS 1001 College and Career Success	3	EL 1XXX: General Elective 1000 Level	1/3	✓
Lab Science				
CHEM 1210 General Chemistry I w/ lab	4	CH 1010: Chemical Properties, Bonding, and Forces	1/3	✓
PHYS 2201 Calculus-based Physics I w/ lab	4	PH 1110: General Physics—Mechanics	1/3	✓
PHYS 2202 Calculus-based Physics II w/ lab	4	PH 1120: General Physics—Electricity & Magnetism	1/3	✓
Math				
MATH 2600 Calculus I	4	MA 1021: Calculus I	1/3	✓
MATH 2610 Calculus II	4	MA 1022: Calculus II	1/3	✓
MATH 2620 Calculus III: Multivariable	4	MA 1023: Calculus III	1/3	✓
		MA 1024: Calculus IV	1/3	✓
MATH 2622 Differential Equations	4	MA 2051: Ordinary Differential Equations	1/3	✓
Programming				
CSC 1203 Python Fundamentals	3	CS 1004: Introduction to Computer Programming	1/3	✓
Engineering				
EGR 1110 Introduction to Engineering	3	ES 1020: Introduction to Engineering	1/3	✓
EGR 2211 Engineering Statics	3	ES 2501: Introduction to Static Systems	1/3	✓
EGR 2215 Thermodynamics I	4	ES 3001: Introduction to Thermodynamics	1/3	✓
Specialization Elective				
MATH 2621 Linear Algebra	4	MA 2071: Matrices and Linear Algebra I	1/3	✓
EGR 1118: Material Science – OR – EGR 2212: Introduction to Dynamic Systems	3	ES 2001: Introduction to Materials Science – OR – ES 2503: Introduction to Dynamic Systems	1/3	✓

Engineering Science at CT State CC to 'Robotics Engineering' at WPI

Connecticut State Community College Course	Credits	Worcester Polytechnic Institute Course	Credits	Robotics Engineering Degree
Common Curriculum				
ENG 1010 English Composition	3	WR 1010: Elements of Writing	1/3	✓
ENG 1020 or ENG 1080	3	WR 1020: Introduction to Rhetoric or WR 1011: Writing and Science & Technology	1/3	✓
PHIL 1101 Ethics	3	PH 2731: Ethics	1/3	✓
HIST 1015 US History to 1877 – OR – HIST 1016 US History from Reconstruction – OR – HIST 1022 World History Since 1500s	3	HI 2313: American History, 1789-1877 – OR – HI 2314: American History, 1877-1920 – OR – INTL 1100: Introduction to International and Global Studies	1/3	✓
PSY 1011 General Psychology I – OR – SOC 1001 Principles of Sociology	3	PSY 1400: Introduction to Psychological Science – OR – SOC 1202: Introduction to Sociology and Cultural Diversity	1/3	✓
ECON 1001 Principles of Macroeconomics – OR – ECON 1002 - Principles of Microeconomics	3	ECON 1120: Introduction to Macroeconomics - OR ECON 1110: Introduction to Microeconomics-	1/3	✓
CCS 1001 College and Career Success	3	EL 1XXX: General Elective 1000 Level	1/3	✓
Lab Science				
CHEM 1210 General Chemistry I w/ lab	4	CH 1010: Chemical Properties, Bonding, and Forces	1/3	✓
PHYS 2201 Calculus-based Physics I w/ lab	4	PH 1110: General Physics—Mechanics	1/3	✓
PHYS 2202 Calculus-based Physics II w/ lab	4	PH 1120: General Physics—Electricity & Magnetism	1/3	✓
Math				
MATH 2600 Calculus I	4	MA 1021: Calculus I	1/3	✓
MATH 2610 Calculus II	4	MA 1022: Calculus II	1/3	✓
MATH 2620 Calculus III: Multivariable	4	MA 1023: Calculus III	1/3	✓
		MA 1024: Calculus IV	1/3	✓
MATH 2622 Differential Equations	4	MA 2051: Ordinary Differential Equations	1/3	✓
Programming				
CSC 1203 Python Fundamentals	3	CS 1004: Introduction to Computer Programming	1/3	✓
Engineering				
EGR 1110 Introduction to Engineering	3	ES 1020: Introduction to Engineering	1/3	✓
EGR 2211 Engineering Statics	3	ES 2501: Introduction to Static Systems	1/3	✓
EGR 2215 Thermodynamics I	4	ES 3001: Introduction to Thermodynamics	1/3	✓
Specialization Elective				
MATH 2621 Linear Algebra	4	MA 2071: Matrices and Linear Algebra I	1/3	✓
EGR 2221 Introduction to Electrical Circuit Analysis	4	ECE 2010: Introduction to Electrical and Computer Engineering	1/3	✓

CT State CC Electives with WPI Course Equivalencies

Connecticut State Community College Course	Credits	Worcester Polytechnic Institute Course	Credits
*ANTH 1001 - Introduction to Anthropology	3	EL 1XXX: General Elective 1000 Level	1/3
*ANTH 1005 - Introduction to Cultural Anthropology	3	EL 1XXX: General Elective 1000 Level	1/3
PSY 1011 - General Psychology I	3	PSY 1400: Introduction to Psychological Science	1/3
SOC 1001 - Principles of Sociology	3	SOC 1202: Introduction to Sociology and Cultural Diversity	1/3
ECON 1001 - Principles of Macroeconomics	3	ECON 1120: Introduction to Macroeconomics	1/3
ECON 1002 - Principles of Microeconomics	3	ECON 1110: Introduction to Microeconomics	1/3
ECON 1030 Consumer Economics	3	ECON 1XXX ECONOMICS 1000 LEVEL ELECTIVE	1/3
*HIST 1001 Western History to the 1500s	3	HI 1XXX: History 1000 Level Elective	1/3
*HIST 1002 Western History from the 1500s	3	HI 1XXX: History 1000 Level Elective	1/3
HIST 1015 US History to 1877	3	HI 2313: American History, 1789-1877	1/3
HIST 1016 US History from Reconstruction	3	HI 2314: American History, 1877-1920	1/3
HIST 1021 World History to the 1400s	3	HI 1XXX: History 1000 Level Elective	1/3
HIST 1022 World History Since 1500s	3	INTL 1100: Introduction to International and Global Studies	1/3

** It is best to take courses that transfers as a WPI numbered courses rather than 1XXX or 2XXX Level electives.*

CT State CC Specialization Electives with WPI Course Equivalencies

Connecticut State CC Course	Credits	Worcester Polytechnic Institute Course	Credits
EGR 1105: Robotics: Construction & Design	3	RBE 1XXX: Robotics Engineering 1000 Level Elective	1/3
EGR 1110: Introduction to Engineering	3	ES 1020: Introduction to Engineering	1/3
EGR 1115: Programming for Engineers	3	CS 1XXX: Computer Science 1000 Level Elective	1/3
EGR 1118: Material Science	3	ES 2001: Introduction to Materials Science	1/3
EGR 1120: Engineering Drawing Specs	3	ES 1XXX: Engineering Science 1000 Level elective	1/3
EGR 2201: MATLAB for Engineers	3	BME 1004: Introduction to Programming in MATLAB	1/3
EGR 2211: Engineering Statics	3	ES 1020: Introduction to Engineering	1/3
EGR 2212: Engineering Dynamics	3	ES 2503: Introduction to Dynamic Systems	1/3
EGR 2215: Thermodynamics I	4	ES 3001: Introduction to Thermodynamics	1/3
EGR 2221: Introduction to Electrical Circuit Analysis	4	ECE 2010: Introduction to Electrical and Computer Engineering	1/3
EGR 2230: C++ for Engineering	3	CS 1XXX: Computer Science 1000 Level Elective	1/3
CAD 2200: Parametric Design in SolidWorks	3	ES 1310: Introduction to Computer Aided Design	1/3
BIO 1210: General Biology I	4	BB 1102: Foundations of Ecology and Environmental Biology	1/3
BIO 1220: General Biology II	4	BB 1101: Foundations of Cellular and Molecular Biotechnology	1/3
CHEM 1220: General Chemistry II	4	CH 1020: Chemical Reactions	1/3
CHEM 1210: General Chemistry I	4	CH 1010: Chemical Properties, Bonding, and Forces	1/3
EETA 2052: Digital Electronics	4	ECE 2029: Introduction to Digital Circuit Design	1/3
MATH 2621: Linear Algebra	4	MA 2071: Matrices and Linear Algebra I	1/3
MFG 1010: Parametric Design (SolidWorks)	3	ES 1310: Introduction to Computer Aided Design	1/3