

Associate in Science (AS) Transfer Guide – Electrical Engineering

	Illinois Institute of Technology	Iowa State University	North Central College
	(Illinois Tech)		
Communication (9)	ENG 101	ENG 101*	ENG 101
	ENG 102	ENG 102*	ENG 102
	COM 100	COM 100	COM 100
Social/Behavioral Sciences	6 credits	ECN 201 or ECN 202*	6 credits
(6) Select from 2 disciplines		3 credits+	
Physical & Life Sciences (7)	IAI Life Science	BIO 120	IAI Life Science
	PHY 221*	CHM 121*	CHM 121
Math (3)	MTH 131*	MTH 131*	MTH 131*
Humanities/Fine Arts (6)	IAI Humanities	IAI Humanities+	IAI Humanities
	IAI Fine Arts	IAI Fine Arts+	IAI Fine Arts
Additional Science (3-4)	CHM 121 [^]	PHY 221*^	PHY 221*
Additional Math (3-4)	MTH 132*	MTH 132*	MTH 132*
Area of Concentration/	CIS 130 or CIS 150^	MTH 233*	CIS 130 or 150
Electives (21-23)	MTH 233^	MTH 240*	MTH 233*
	MTH 240^	PHY 222*	PHY 222*
	PHY 222^	PHY 223*^	PHY 223*
	4 credits	3 credits	3 credits
Non-West/Diversity	NW/D (bold class)	NW/D (bold class)	NW/D (bold class)
Admitting GPA	2.0	2.0	2.0
Comments	*Required	*Required	*Required
	^Strongly recommended to complete before transferring; in order to graduate in two years, you must have these courses completed, along with some summer coursework	^When both PHY 221 and 223 are completed credit will transfer to ISU as PHYS 221 (5 cr) and 4 additional general PHYS credits +Check guide for options: https://www.engineering.iastate.edu/files/2024/08/IL-Waubonsee-Community-College-Transfer-Plan.pdf	https://www.northcentralcollege.edu/program/electrical-engineering-bs



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ENG 101** ENG 102** COM 100** 6 credits IAI Life Science CHM 121** MTH 131** IAI Humanities IAI Fine Arts	ENG 101 ENG 102 COM 100 ECN 201 3 credits CHM 121*	ENG101* ENG102* COM 100^ 6 credits+* IAI Life Science CHM 121*
IAI Life Science CHM 121** MTH 131** IAI Humanities	3 credits CHM 121*	6 credits+* IAI Life Science
CHM 121** MTH 131** IAI Humanities		
IAI Humanities	MTH 131	CITIVI 121
	232	MTH 131*
	IAI Humanities IAI Fine Arts	IAI Humanities+* IAI Fine Arts+*
PHY 221**	PHY 221	PHY 221 *
MTH 132**	MTH 132	MTH 132*
CIS 130** EGR 220** EGR 230** MTH 233** MTH 240** PHY 222**	CHM 122 CIS 115 CIS 130 CIS 230 EGR 101 MTH 233 MTH 240 PHY 222	MTH 233* MTH 240** PHY 222* 7 credits
NW/D (bold class)	NW/D (bold class)	NW/D (bold class)
2.0	2.0	2.5 (Average 3.0-3.8)
linois University has a Guaranteed Program (GAP) with Waubonsee. AP and completing the required ed above, you can transfer into the Engineering and Engineering	*AES preferred, but COM 100 is required for transfer. https://articulation.siu.edu/ common/do cuments/articulation-agreements/waubonsee-community-college/aes-to-ee-wcc.pdf	*Required **Recommended +Check UIC Transfer Guide 1 class - Exploring World Cultures 1 class - Understanding the Creative Arts 1 class - Understanding the Individual & Society ^COM 100 meets this 1 class - Understanding the Past 1 class - Understanding U.S. Society UIC Transfer Admission Guarantee (TAG)
P A E	rogram (GAP) with Waubonsee. P and completing the required d above, you can transfer into the ngineering and Engineering seamlessly. ete the GAP agreement before	rogram (GAP) with Waubonsee. P and completing the required dabove, you can transfer into the ngineering and Engineering seamlessly. https://articulation.siu.edu/common/documents/articulation-agreements/waubonsee-community-college/aes-to-ee-wcc.pdf

Questions? Call (630) 466-2361 or email advising@waubonsee.edu. Transfer guides are intended to help you plan your four-year degree. Requirements are subject to change, so be sure to work closely with a Waubonsee counselor or advisor.

Updated 10/2024



Associate in Science (AS) Transfer Guide – Electrical Engineering

	University of Illinois at Urbana-Champaign	University of Iowa
Communication (9)	ENG 101**	ENG 101*
	ENG 102**	ENG 102*
	COM 100	COM 100*
Social/Behavioral Sciences	ECN 201 or ECN 202**	6 credits
(6) Select from 2 disciplines	3 credits	
Physical & Life Sciences (7)	IAI Life Science	IAI Life Science
	CHM 121*	CHM 121*
Math (3)	MTH 131*	MTH 131*
Humanities/Fine Arts (6)	IAI Humanities	IAI Humanities
	IAI Fine Arts	IAI Fine Arts
Additional Science (3-4)	PHY 221 *	PHY 221*
Additional Math (3-4)	MTH 132*	MTH 132*
Area of Concentration/	CIS 130 or 150*	CIS 130*
Electives (21-23)	CIS 230**	EGR 101*
	MTH 233*	EGR 220*
	MTH 240**	MTH 233*
	PHY 222*	MTH 236*
	PHY 223**	MTH 240*
	Foreign Language**	PHY 222*
Non-West/Diversity	NW/D (bold class)	NW/D (bold class)
Admitting GPA	3.0 (Average 3.86)	2.0
Comments	*Required **Recommended	*Required
	https://transferhandbook.illinois.edu/eng/electrical-engineering/	https://engineering.uiowa.edu/future-students/future- undergraduate-students/majors-minors-and-
	Engineering Pathway: Guaranteed Admissions to UIUC's COE. MUST follow pathway/program requirements (separate application):	certificates#electrical-engineering
	https://pathways.engineering.illinois.edu/	https://engineering.uiowa.edu/sites/engineering.uiowa.edu/files
	If a student has AP credit for technical courses and hope to join/complete EGR Pathways, they will need to retake the technical courses in college and follow the plan of study. Note: AP Chem will	/2021-02/waubonsee_commnity_college_spring_2018.pdf
	courses in college and follow the plan of study. Note: AP Chem will cover Chemistry courses but does not earn credit for Chemistry labs.	