

PCC/OIT 2+2 PROGRAM TRANSFER GUIDE MICROELECTRONICS TECHNOLOGY

Students interested in transferring to Oregon Institute of Technology may start their studies at Portland Community College (PCC). Upon completion of their AAS degree, students can transfer to OIT and in two more years complete the BS degree in Electronics Engineering Technology. Students interested in this option are recommended to meet an OIT advisor after their first year of study at PCC. Below is a summary of how AAS courses transfer to OIT.

PCC (MT) Requirements			OIT Courses		
Course	Title	Cr.	Course	Title	Cr.
Electronics Courses					
MT111	Electronic Circ. & Dev. I	4	EET217	Electric Circuits I	4
MT112	Electronic Circ. & Dev. II	4	EET218	Electric Circuits II	4
MT121	Digital Systems I	3	EET215	Digital Circuits I	4
MT122	Digital Systems II	3	EET216	Digital Circuits II	4
MT102	Intro. Semiconductor Dev.	1	EET219	Semic. Dev. & Amplifiers	4
MT113	Semiconductor Processing	4			
	20 credits of 200-level MT or EET courses. ¹	20		2 nd -year Tech. electives	16
General Education Courses					
Communications					
WR121	English Composition I	4	WRI121	English Composition I	3
WR122	English Composition II ²	4	WRI122	English Composition II	3
WR227	Technical Writing I	4	WRI227	Technical Writing	3
SPE111	Public Speaking ²	4	SPE111	Fund. of Speech	3
SPE215	Small Group Comm.	4	SPE321	Small Group/Team Com.	3
Math/Science					
MTH111C	College Algebra	5	MTH111	College Algebra	4
MTH112	Elementary Functions ²	5	MTH112	Trigonometry	4
MTH251	Calculus I ²	4	MTH251	Differential Calculus	4
MTH252	Calculus II ²	5	MTH252	Integral Calculus	4
CH221	Gen. Chemistry I	5		Math/Sci Elective	3
PHY211	Gen. Physics I (Calc.)	5	PHY221	Gen. Physics I (Calc.)	4
PHY212	Gen. Physics II (Calc.)	5	PHY222	Gen. Physics II (Calc.)	4
PHY213	Gen. Physics III (Calc.)	5	PHY223	Gen. Physics III (Calc.)	4
Humanities/Social Sciences					
MTH243	Statistics I	4		Elective	3
	8 credits required for AAS degree. Additional hum. and soc. sci. credits from PCC can be transferred to meet OIT's gen. ed. requirements for BSEET.			Humanities ³	9
				Social Sciences ³	12

¹ Recommended: MT200, MT222, MT223, MT224, MT227, MT228, MT240. Other 200-level MT or EET courses can be used with OIT advisor's approval.

² Not required for AAS degree, but recommended for 2+2 transferability

³ Total number of humanities/social science credits required for BSEET degree at OIT. Credits taken at PCC can be transferred on a 1:1 scale. See OIT's humanities and social sciences guide or contact an OIT academic advisor for details and restrictions.

SAMPLE PCC/OIT 2+2 SCHEDULE

Below is a sample schedule to complete the 2+2 PCC/OIT transfer program obtaining the AAS MT degree from PCC after 2 years and the BSEET degree from OIT after 4 years.

FALL	WINTER	SPRING	SUMMER
First Year (PCC)			
MT101 (1) MT102 (1) MT103 (1) MT111 (4) MTH111C (5) WR121 (4)	CH221 (5) MT112 (4) MT121 (3) MTH112 (5)	CH222 (5) MT113 (4) MT122 (3) MTH243 (4) WR227 (4)	WRI122 (4) MTH251 (4) Hum/Soc. Sci (4)
Second Year (PCC)			
MT223 (3) MT224 (3) MTH252 (5) PHY211 (5) SP130 (4)	MT227 (3) MT240 (3) PHY212 (5) Soc. Sci (4) Hum/Soc. Sci (3)	MT200 (3) MT222 (3) MT228 (4) PHY213 (5) SP215 (4)	SPE111 (4) MATH254N ¹ (4) MATH321 ¹ (4)
AAS MT Degree from PCC			
Third Year (OIT)			
EE320 (5) EE321 (5) CST116 (4)	EE323 (5) EE333 (4) ENGR267 (3)	EE325 (5) EE335 (4) Hum/Soc. Sci (4)	WRI327 (3) Hum/Soc. Sci (4) Tech. Elective (3)
Fourth Year (OIT)			
EE331 (4) ENGR465 (2) MGT345 (3) Tech. Elective (3)	EE430 (5) EE432 (4) ENGR465 (2) Hum/Soc. Sci (3)	EE401 (5) ENGR465 (2) Hum/Soc. Sci (3) Tech. Elective (3)	
BS EET Degree from OIT*			

* Students must complete at least 60 credits of upper-division coursework (300- and 400-level courses) and a minimum of 45 credits at OIT for BS degree to be awarded.

¹ Course can be taken at OIT or PCC.

For more information:

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