

CAD SPECIALIST CERTIFICATE

¹Short-Term Technical Certificate

Course No	Course Title	Credit Hours	Qtrs Offered	Pre-Requisites	
FIRST QUARTER (Fall) 16 credits					
IET 1000A	Introduction to Engineering	2	All	None	
TMT 1500A	Applied Technical Mathematics	4	F	COMPASS or MTH0990A	
BPT 1300A	Blueprint Reading	2	All	None	
MET 1330A	Computer Aided Drafting (CAD) I	4	F,W	None	
OIS 1240A	Computer Applications I	4	All	OIS1200A or TST ²	
SECOND QUARTER (Winter) 16 credits					
GES 0000	General Education Elective	4	All	See specific course listings	
MET 1340A	Computer Aided Drafting (CAD) II	4	W, Sp	MET1330A	
ENG 1090A	English Composition I	4	All	OIS1240A or concurrent or examination *	
MFT 1600A	Geometric Dimensioning & Tolerancing	2	W	BPT1300A	
MET 1060B	Basic Problem Solving	2	W, Sp	None	
THIRD QUARTER (Spring) 10 credits					
MET 1400A	CAD Parametric Parts & Assembly Modeling	4	W, Sp	MET1330A	
MET 1350A	Computer Aided Drafting (CAD) III	4	W, Sp	MET1340A	
MET 2750A	Applied CAD Project	2	Sp	MET1350A or concurrent	
Credit Hour Total		42			

* OIS1300A also accepted by Engineering as a pre-requisite for ENG1090A.

¹ OBR Operating Manual for Two-Year Colleges, page 392.05

² TST = Technology Skills Test

ELECTRIC POWER UTILITY TECHNICIAN

¹Short-Term Technical Certificate

Course No	Course Title	Credit Hours	Qtrs Offered	Pre-Requisites	
FIRST QUARTER (Fall) 18 credits					
EUT 1001A	Introduction to Power Linework I	4	#	None	
EUT 1011A	Introduction to Power Linework II	4	#	EUT1001A	
OIS 1240A	Computer Applications I	4	All	OIS1200A or TST ²	
MTH 1110B	Beginning Algebra	4	F,W, Sp	COMPASS or MTH0990A or equivalent	
MGT 1430A	Customer Relationship Management	2	F	None	
SECOND QUARTER (Winter) 20 credits					
EUT 1021A	Electrical Power System Overview	4	#	EUT1011A	
EUT 1030B	Power Utility Safety – the NESC Code	4	#	None	
ENG 1090A	English Composition I	4	All	OIS1240A or concurrent or examination *	
EUT 1040A	Electric Utility Project Construction	4	#	EUT1030B	
EUT 1090A	Distribution Transformers and Circuits	4	#	EUT1021A	
THIRD QUARTER (Spring) 18 credits					
MET 1060B	Basic Problem Solving	2	W, Sp	None	
EUT 1100A	Underground Utility Line Construction	4	#	EUT1040A	
ENG 1160A	Oral Communications	4	All	None	
EUT 1120A	Overhead Utility line Maintenance I	4	#	EUT1040A	
EUT 1130A	Overhead Utility Line Maintenance II	4	#	EUT1120A or concurrent	
Credit Hour Total		56			

#See Yearly Schedule of Course Offerings

* OIS1300A also accepted by Engineering as a pre-requisite for ENG1090A.

¹ OBR Operating Manual for Two-Year Colleges, page 302.05.

² TST = Technology Skills Test