

DEKALB TECHNICAL COLLEGE
Clarkston Campus

ELECTRONICS TECHNOLOGY
TELECOMMUNICATIONS SERVICE / OPERATIONS TECHNICIAN
TECHNICAL CERTIFICATES OF CREDIT

These certificate programs are intended to prepare students for immediate employment as advanced telecommunications service technicians or operations technicians in the telecommunications industry. Competencies learned correspond to specific job requirements.

Course Number	Course	Class Hours	Lab Hours	Total Hours	Credit Hours	Prerequisites/Corequisites
MAT 101	General Mathematics	50	0	50	5	*
SCT 100	Introduction to Microcomputers	10	40	50	3	
IFC 101	Direct Current Circuits I	30	20	50	4	*
IFC 102	Alternating Current I	<u>30</u>	<u>20</u>	<u>50</u>	<u>4</u>	IFC 101, MAT 103**, MAT 104
TOTAL		120	80	200	16	

**MAT 103 with a minimum grade of "C"

*Approved admission level English, reading, and/or math competency required.

CIP CODE: 47.010301

MAJOR CODE: TSO1

REQUIRED CREDIT HOURS: 16

10/07

The curriculum is subject to change to meet changing conditions. As set forth in its student catalog, DeKalb Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, gender, religion, disability, age, veteran status, or citizenship status (except in those special circumstances permitted or mandated by law).

COURSE DESCRIPTIONS

IFC 101 – DIRECT CURRENT I (4)
Prerequisite: Program Admission
Introduces direct current (DC) concepts and applications. Topics include: fundamental electrical principles and laws; direct current test equipment; and series, parallel, and simple combination circuits; and basic laboratory procedures and safety practices.

IFC 102 - ALTERNATING CURRENT I (4)
Prerequisites/Corequisites: IFC 101, MAT 103, MAT 104
Introduces the theory and application of varying sine wave voltages and current. Topics include: AC wave generation, oscilloscope operation, inductance, and capacitance.

ESTIMATED PROGRAM COSTS

ELECTRONICS TECHNOLOGY
TELECOMMUNICATIONS SERVICE / OPERATIONS
TECHNICIAN

Tuition/Fees.....	\$800.00
Books.....	350.00
Total*	\$1,150.00

*Based on 2 quarters

Tuition/fees and cost of books/supplies are estimates only and are subject to change without notice. Tuition is based on Georgia residency.
10/07