

## Electronics Technology (BP) Diploma

### Semester Sequence

#### Offered at Brooklyn Park Only

#### First Semester

ELEC1000	DC Circuits	4
ELEC1050	AC Circuits	4
ELEC1100	Complex AC Circuits	3
ELEC2300	Troubleshooting Computers Elective	3
	Technical Studies Electives	3

#### Total Credits 17

#### Second Semester

ELEC1150	Diodes and Rectifiers	2
ELEC1200	Soldering Skills	1
	or	
ELEC1220	Electronic Soldering and Inspection	2
ELEC1250	Solid State Components and Circuits	5
ELEC1300	Operational Amplifiers	2
ELEC1400	Basic Troubleshooting	3
CPLT1100	Computer Essentials	3
	or	
METS1000	Computers in Manufacturing	3

#### Total Credits 16

#### Third Semester

ELEC1450	Basic Digital Logic	3
ELEC2000	Advanced Digital Circuits I	4
ELEC2020	Advanced Digital Circuits II	3
ELEC2050	Advanced Troubleshooting	4
MATH2150	Introduction to Statistics	3
	or	
PHIL2100	Critical Thinking for College Success	3
	or	
PHYS2001	Introductory Physics	3

#### Total Credits 17

#### Fourth Semester

ELEC2200	Microprocessors and Microcomputers I	4
ELEC2220	Microprocessors and Microcomputers II	4
ELEC2450	Regulated Power Supplies	2
COMM1050	Communication in the Workplace	2
	Technical Studies Electives	2

#### Total Credits 14

## Technical Studies Electives

Recommended:

ELEC1220	Electronic Soldering and Inspection	2
ELEC1285	Practical Circuit Analysis with Multisim	2
ELEC1375	LabVIEW Fundamentals and Applications	2
ELEC1900	Specialized Lab	1 - 4
ELEC2100	Motor and Motor Controllers	3
ELEC2300	Troubleshooting Computers	3
ELEC2400	Industrial Controls	2
ELEC2420	Telemetry	2

**Choose a Total of: 5 Credits**

## Graduation (64 Credits)

Semester listings reflect the recommended sequence. Due to circumstances beyond our control, the information herein is subject to change without notice.

3/15/2021 : BP 4206 / EP