

Appendix A

A.A.S. Electronic Engineering Technology Biomedical Equipment Option 3601 B.S.E.T. Electrical and Computer Engineering Technology Biomedical Concentration

Technical Courses	Mathematics	Communications
4 c.h. Circuit Analysis ELT 121 OR	4 c.h. Applied College Mathematics MAT 111	3 c.h. English Composition I ENG 111
4 c.h. Electricity & Electronics ELT 201	4 c.h. Applied Calculus MAT 113	3 c.h. English Composition II ENG 112
3 c.h. Active Circuit Components ELT 115	8 c.h.	6 c.h.
3 c.h. Biomedical Electronics ELT 200	Physics/ Laboratory Science	Humanities/Social Science
4 c.h. Advanced Digital & Microprocessors ELT 209	4 c.h. Technical Physics I PHY 111	3 c.h. Humanities Elective*
1 c.h. Electronic Fabrication ELT210	4 c.h. Laboratory Science Elective	3 c.h. Social Science Elective
4 c.h. Active Circuit Design ELT 213	8 c.h.	6 c.h.
4 c.h. Industrial Electronics ELT 215	Programming	Other
3 c.h. Digital Principles ELT 110	1 c.h. Technical Computer Applications ENR 119	2 c.h. Health & Wellnes
3 c.h. Biomedical Clinical Experience ELT 227	2 c.h. Technical Computer Programming ENR 120	2 c.h.
4 c.h. Electronic Communications Systems ELT 231	3 c.h.	
2 c.h. Computer-Aided Drafting I ENR 117		
2 c.h. Instrumentation & Measurements ENR 124		
37 c.h.		