Associate in Science—Electro-Optics and Laser Engineering Technology

Liberal Studies: As outlined in the Liberal Studies section with the following specifications	**25-26 credits**
☐ **English Composition: (ENGL 101)**	3 credits
☐ **Fine Arts: (ARHI 101, MUHI 101, THTR 101, or THTR 102)**	3 credits
☐ **Humanities: (ENGL 121 or a liberal studies listed Philosophy, Religion, or History course)**	3 credits
☐ **Mathematics: (MATH 110 or 121)**	3 or 4 credits
☐ **Natural Science: (CHEM 101 or 111)**	4 credits
☐ **Social Science: (Liberal studies listed cours in Sociology, Psychology, Geography, etc)**	3 credits
☐ **Dimensions of Wellness: (FDNT 143, HPED 143, or NURS 143)**	3 credits
☐ **Liberal Studies Electives: (COSC/BTED/IFMG 101 or COSC/BTED/COMM/IFMG 201)**	3 credits

Major	**34 credits**
Required Courses:	
☐ EOPT 105 Computer Interfacing in Electro- Optics	3 credits
☐ EOPT 110 Geometric Optics	3 credits
☐ EOPT 120 Wave Optics	3 credits
☐ EOPT 125 Introduction to Electronics	4 credits
☐ EOPT 126 Electronics II	3 credits
☐ EOPT 150 Fundamentals of Photonics and Laser Safety	3 credits
☐ EOPT 210 Detection and Measurement	3 credits
☐ EOPT 220 Introduction to Lasers	3 credits
☐ EOPT 240 Fiber Optics	3 credits
☐ PHYS 115 Physics I for Electro-Optics or PHYS 131 Physics I	3 credits
☐ PHYS 116 Physics II for Electro-Optics or PHYS 132 Physics II	3 credits
Other Requirements:	
☐ One PHYS or EOPT Elective - PHYS 100 will satisfy this requirement	3 credits

Total Degree Requirements:	**62-63 Credits**