

A.T.C. Laser/Electro-Optics Technology

(1.5 Years)

Code	Title	Credits
Required Courses:		
RCET 1153A	Basic Electricity and DC Circuit Theory	4
RCET 1153B	Basic Electricity and AC Circuit Theory	4
RCET 1154A	Analog Control Devices Theory	4
RCET 1154B	Digital Control Devices Theory	4
RCET 1155A	Basic Electricity and DC Circuit Lab	2
RCET 1155B	Basic Electricity and AC Circuit Lab	2
RCET 1156A	Analog Control Devices Laboratory	2
RCET 1156B	Digital Control Devices Laboratory	2
RCET 2251	Systems Analog and Digital Theory	6
RCET 2253	Systems Analog and Digital Laboratory	5
RCET 2271	Introduction to Lab Simulation Software	2
RCET 1372	Calculus for Electronics	4
RCET 3331	Laser Systems and Optics Theory	4
RCET 3332	Laser Systems and Optics Laboratory	3
ENGL 1101	Writing and Rhetoric I ¹	3
or ENGL 1101P	Writing and Rhetoric I Plus	
COMM 1101	Fundamentals of Oral Communication ¹	3
PHYS 1101 & 1101L	Elements of Physics and Elements of Physics Laboratory ¹	4
or PHYS 1100	Essentials of Physics	
or PHYS 1111/1113	General Physics I	
Total Credits		58

¹ Contributes to a General Education requirement.

Major Academic Plan (MAP)