

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

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(1.5 Years)

Code	Title	Credits
<b>Required Courses:</b>		
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 <sup>1</sup>	3
or ENGL 1101P	Writing and Rhetoric I Plus	
COMM 1101	Fundamentals of Oral Communication <sup>1</sup>	3
PHYS 1101 & 1101L	Elements of Physics and Elements of Physics Laboratory <sup>1</sup>	4
or PHYS 1100	Essentials of Physics	
or PHYS 1111/1113	General Physics I	
<b>Total Credits</b>		<b>58</b>

<sup>1</sup> Contributes to a General Education requirement.

Major Academic Plan (MAP)