

San José City College
Certificate of Achievement
Level 3
2021-2022

LASER TECHNOLOGY

San José City College offers Certificates in Laser Technology. Lasers are now the enabling devices of choice for many industries that range from medicine, entertainment, telecommunications, and aesthetics, to quality control. Their ubiquity has resulted in the sky-rocketing demand for personnel who are well-versed in laser technology for both technical and non-technical positions. We therefore give our students both theoretical and hands-on competencies needed to tackle most common problems and issues encountered in the laser/laser system environments through regular course and industry internships. Students must satisfactorily complete at least four of these major courses at San José City College.

CAREER OPTIONS:

- Manufacturing Technician/Engineer
- Laser Systems Test Technician/Engineer
- R&D Technician/Engineer
- Laser Application Engineer/Technician
- NPI Engineer
- Opto-Mechanical Technician
- Sales and Marketing
- Customer Support

All major courses must be completed with a grade of “C” or better.

<u>CERTIFICATE OF ACHIEVEMENT - LEVEL 3:</u>			<u>UNITS</u>
FMT	105	Introduction to Industrial Electronics and Controls	2.5
LASER	100	Introduction to Photonics	4
LASER	101	Rapid Laser Optics 3-D Prototyping	4
LASER	102	Intermediate Laser Technology	4
LASER	103	Advanced Laser Technology	4
LASER	104	Fiber Laser Technology	4
MATH	013	Intermediate Algebra	5
PHYS	002A	Algebra/Trigonometry-Based Physics 1	4
TOTAL UNITS			31.5

FOR ADDITIONAL INFORMATION, SEE A COUNSELOR, VISIT THE CAREER OR TRANSFER CENTER, OR CONTACT:

Faculty: Sydney Sukuta, sydney.sukuta@sjcc.edu
Business and Workforce Development Division

(408) 298-2181 ext. 3805
(408) 288-3781