

Please rate the following areas of the STEM program I (most interested) through 5 (least interested).

Engineering — Drafting

Engineering — Electrical

Engineering — Civil

Engineering — Mechanical

Bioscience — Lab Work

What STEM skills have you completed?
Please mark either yes or no for each skill.

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|-----|--|------------------------------|-----------------------------|
| 1. | Interpret technical drawings | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 2. | Use engineering drawing software | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 3. | Develop one view drawings | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 4. | Develop 2D drawings | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 5. | Develop 3D models | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 6. | Prepare section views | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 7. | Dimension drawings | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 8. | Participate on an engineering project | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 9. | Assist to build prototype | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 10. | Finalize part/process technical drawings | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 11. | Interpret civil engineering technical drawings | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 12. | Research structural requirements | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 13. | Construct a Bill of Materials | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 14. | Assist to create a project plan | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 15. | Prepare reagents, solutions and buffers | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 16. | Perform calculations and conversions | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 17. | Weigh and measure accurately | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 18. | Operate lab equipment properly | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 19. | Conduct testing according to protocol | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 20. | Record results of testing accurately | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 21. | Culture cells | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 22. | Harvest cells | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 23. | Perform flow cytometry | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 24. | Perform microscopy | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 25. | Hybridize nucleic acid | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 26. | Perform basic cloning | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 27. | Perform transfection/transformation | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 28. | Perform amplification | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 29. | Perform protein assays | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 30. | Perform cellular assays | <input type="checkbox"/> YES | <input type="checkbox"/> NO |