You will need to know some basic things from calculus:

- Differentiation and integration rules for elementary functions (such as u^n, $\sin u$, $\cos u$, e^u, $\ln u$).
- Product rule.
- Chain rule.
- Substitution in integrals.
- Integration by parts.

You can review these topics in any standard calculus text.
You can also read about them here:
Review of single-variable differentiation.
Review of single-variable integration.
You can try the practice exercises to test your knowledge.