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## 2023-24 ACADEMIC COURSES

### **MEC 101 : BLUEPRINT READ FOR MANUFACTUR**

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In this course, students will develop the skills to read and understand blueprints used in manufacturing. Topics such as terms of the trade, program identification of line types, dimensioning systems, tolerancing, first and third angle projections and associated views and symbols used in manufacturing will be covered. Students will also be introduced to procedures and tooling used to compare machined components to blueprint specifications. The knowledge and skills gained in this course will be used throughout the Mechatronics program. The title of this course was previously 3D Modeling and Blueprint Reading.

**Level I Prereq:** Academic Reading and Writing Levels of 6

<b>Description</b>	<b>Hours</b>
Credits	2
Lecture Hours	30
Clinical Hours	0
Lab Hours	30
Other Hours	0
Total Hours	60

Accurate as of 02/03/2023 Information is subject to change without notice.