

2024-25 ACADEMIC COURSES

MEC 201 : MECHANISMS

In this course, students will gain theoretical knowledge and hands-on skills for shaft, belt, gear and chain drives using real-world motor drive components. Students will learn and apply these skills in mechanical drives training systems and interactive online mechanical drives curriculum. They will also build skills in hands-on mechanical drives including mechanical drive systems, power transmission systems, v-belt drives, chain drives, spur gear drives, and multiple shaft drives. Students will be introduced to Lock-out/Tag-out safety procedures and 5S workplace organization. This course is the foundation for mechatronics programs. The title of this course was previously Mechanisms. Level I Prerequisite: Academic Reading and Writing Levels of 6; Academic Math Level 3

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Description	Hours
Credits	2
Lecture Hours	0
Clinical Hours	0
Lab Hours	60
Other Hours	0
Total Hours	60

Accurate as of 04/25/2025 Information is subject to change without notice.