
2024-25 ACADEMIC COURSES

CSS 285: ESSENTIALS OF AUTOMOTIVE PENETRATION TESTING

In this course, students will gain an understanding of the automotive cybersecurity threat-landscape. Automotive attack surfaces will be highlighted, with a focus on attack techniques to provide insight into creating secure automotive systems. Students will complete hands-on exercises including reverse engineering in a lab environment. Emphasis will be placed on offensive methodologies with a follow-up on defensive strategies. Level I Prerequisite: Academic Reading and Writing Levels of 6; ASV 131 and CST 185, minimum grade "C"

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Description	Hours
Credits	4
Lecture Hours	60
Clinical Hours	0
Lab Hours	0
Other Hours	0
Total Hours	60

Accurate as of 07/12/2024 Information is subject to change without notice.