

## 2024-25 ACADEMIC COURSES

### CCC 215 : CUSTOM FAB & CHASSIS DESIGN I

In this course, students will be introduced to metal fabrication, chassis design and assembly of custom vehicles. Students build their skills using tools such as the iron worker, hand brake and foot or Beverly sheer. Topics such as choosing wheel/tire offset combinations and suspension modifications are covered. Class projects will be based on the design and fabrication of "one-of-a-kind" parts used on a custom vehicle. Working in a team environment, students will develop problem-solving skills and time management skills. Past project vehicles have gained national recognition and awards. This course contains material previously taught in CCC 201 and CCC 221. Level I Prerequisite: Academic Reading and Writing Levels of 6; ABR 121, ABR 123 and ABR 124, minimum grade "B"

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| Description    | Hours |
|----------------|-------|
| Credits        | 4     |
| Lecture Hours  | 60    |
| Clinical Hours | 0     |
| Lab Hours      | 45    |
| Other Hours    | 0     |
| Total Hours    | 105   |

Accurate as of 06/28/2024 Information is subject to change without notice.