

A Major Academic Plan (MAP) illustrates one efficient path toward completing a degree in four years and includes only required courses and credits. A list of Major, General Education, and Elective credits, as well as a summary of required credit categories, are shown on page two. **Individual MAP customization by each student is expected.**

Catalog Year 2017-2018

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| On-Site Power - AAS | Credit Hours | Min. Grade | \*Attribute | \*\*When Offered | Pre & Co-requisites |
| Semester One | | | | | |
| DESL 0101: Introduction to Diesel Technology | 2 |  | D |  |  |
| DESL 0107: Basic Diesel Electrical Systems | 2 |  | D |  |  |
| DESL 0207: Advanced Diesel Electrical Systems | 4 |  | D |  | DESL 0101, DESL 0107, DESL 0115, and DESL 0215 |
| DESL 0125: Heavy Duty Power Trains | 8 |  | D |  |  |
| GE Objective 2: COMM 1101 Principles of Speech | 3 |  | GE |  |  |
| Total | 19 |  |  |  |  |
| Semester Two | | | | | |
| DESL 0109: Cab Climate Control | 2 |  | D |  |  |
| DESL 0113: Diesel Engine Fuel Systems | 2 |  | D |  |  |
| DESL 0217: Advanced Engine Electronics | 4 |  | D |  | DESL 0107, DESL 0107, DESL 0109, DESL 0113, DESL 0125, DESL 0184, DESL 0186, and DESL 0190 |
| DESL 0184: Diesel Engine Technology | 5 |  | D |  |  |
| DESL 0186: Diesel Engine Electrical Systems | 2 |  | D |  | DESL 0101, DESL 0184, and DESL 0190 |
| DESL 0190: Diesel Engine Emission Systems | 1 |  | D |  | DESL 0101 |
| GE Objective 6: Social and Behavioral Ways of Knowing | 3 |  | GE |  |  |
| Total | 19 |  |  |  |  |
| Semester Three | | | | | |
| DESL 0117: Heavy Duty Brake Systems | 2 |  | D |  |  |
| DESL 0115: Basic Hydraulics I | 2 |  | D |  |  |
| DESL 0215: Advanced Diesel Hydraulics | 4 |  | D |  | DESL 0101, DESL 0107, DESL 0115, DESL 0117, and DESL 0207 |
| DESL 0231/DESL 0232: Live Work Capstone Class or Internship | 8 |  | D |  |  |
| GE Objective 3: Mathematical Ways of Knowing | 3 |  | GE |  |  |
| GE Objective 1: ENGL 1101 English Composition | 3 |  | GE |  |  |
| Total | 22 |  |  |  |  |
| Semester Four | | | | | |
| DESL 0241: On-Site Power Generation | 8 |  | F,S |  |  |
| DESL 0243: On-Site Power Generation II | 8 |  | F,S |  |  |
| Elective General Education: Any Objective Not Previously Applied | 3 |  | GE |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Total | 19 |  |  |  |  |
| \*Key for Attribute: U=Upper division GE=General Education Objective  \*\*Key for When Offered: F=Fall S=Spring Su=Summer D=contact department (more…) | | | | | |

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| **2017-2018 Major Requirements** | | **CR** | **2017-2018 GENERAL EDUCATION OBJECTIVES**  **Satisfy Objectives 1,2,3,6, One other unfulfilled obj.** | | | **15 cr. min** | |
| **MAJOR REQUIREMENTS** | |  | 1. Written English (6 cr. min) ENGL 1101 | | | 3 | |
| DESL 0101: Introduction to Diesel Technology | 2 | | 2. Oral Communication (3 cr. min) COMM 1101 | | | 3 | |
| DESL 0107: Basic Diesel Electrical Systems | 2 | | 3. Mathematics (3 cr. min) | | | 3 | |
| DESL 0109: Cab Climate Control | 2 | | 6. . Behavioral and Social Science | | | 3 | |
| DESL 0113: Diesel Engine Fuel Systems | 2 | | \*One Course from any other unfulfilled obj. | | 3 | | |
| DESL 0115: Basic Hydraulics I | 2 | | **TOTAL** | | | **15** | |
| DESL 0117: Heavy Duty Brake Systems | 2 | |  | | |  | |
| DESL 0125: Heavy Duty Power Trains | 8 | |  | | | | |
| DESL 0184: Diesel Engine Technology | 5 | |  | | |  | |
| DESL 0186: Diesel Engine Electrical Systems | 2 | |  | | |  | |
| DESL 0190: Diesel Engine Emission Systems | 1 | |  | | |  | |
| DESL 0207: Advanced Diesel Electrical Systems | 4 | |  | | | | |
| DESL 0215: Advanced Diesel Hydraulics | 4 | |  | | |  | |
| DESL 0217: Advanced Engine Electronics | 4 | |  | | |  | |
| DESL 0231/DESL 0232: Live Work Capstone Class or Internship | 8 | |  | | | | |
| DESL 0241: On-Site Power Generation | 8 | |  | | |  | |
| DESL 0243: On-Site Power Generation II | 8 | |  | | |
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|  |  | | GE Objectives Courses:  (University Catalog 2017-2018) | | | | |
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|  |  | | **MAP Credit Summary** | | | | **CR** |
|  |  | | Major | | | | 48 |
|  |  | | General Education | | | | 15 |
|  |  | | Free Electives to reach 60 credits | | | | 0 |
|  |  | | TOTAL | | | | 79 |
|  |  | |  | | | |  |
| **TOTAL** | | **64** |  | | | |  |
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| **Advising Notes** | | |  | | | |  |
|  | | |  | | | |  |
|  | | | **Graduation Requirement Minimum Credit Checklist** | **YES** | | | NO |
|  | | | Min. of 15 credits of General Education Objectives |  | | |  |
|  | | | Min. of 60 credits |  | | |  |
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