

2010 - 2011 Program of Study - Postsecondary Quarters

Postsecondary Institution: _____

Rhodes State College

College Major: *(if applicable)* Mechanical Engineering Technology

College Degree: *(if applicable)* AAS

Specify Industry Credential Opportunities (if applicable): _____

Certificate, Adult and/or Apprenticeship Program: *(if applicable)* _____

Secondary Program Name: Industrial Mechanic

Secondary School Name: Vantage CC

District Name: Vantage CC

| | Course | Code | Course | Code | Course | Code | Course | Code | Course | Code | Course | Code | Course | Code | Course | Code |
|--------------------------------|---|-----------|--|-----------|---|-----------|---|-----------|---|------|--------|------|--------|------|--------|------|
| Year 1 1st Qrt. | COM 111 English Composition | RA TAG | MED 100 AutoCad I | RT | MET 111 Manufacturing Process | RT CC | MTH 121 Mathematics I | RA: | SDE 101 First Year Experience | RA | | | | | | |
| Year 1 2nd Qrt. | BET 112 Physics of Mechanics | RT TAG | COM 114 Technical Writing | RA OTM | MET 102 Materials Science | RT TAG | MTH 122 Mathematics II | RA OTM | | | | | | | | |
| Year 1 3rd Qrt. | BET 113 Physics of Heat, Light & Sound | RT TAG | IET 110 Manufacturing Management | RT | MET 113 Engineering Mechanics- Statics | RT TAG | MTH 123 Mathematics III | RA OTM | QET 111 Intro to Quality | RT | | | | | | |
| Year 2 1st Qrt. | FMS 103 CNC Programming | RT | MET 211 Engineering Mechanics- Dynamics | RT | MET 221 Strength of Materials | RT TAG | MET 231 Fundamentals of Hydraulics | RT: | GET 150 Special Topics in Engineering | RE | | | | | | |
| Year 2 2nd Qrt. | CPT 112 Introduction to Visual Basic Programming | RT | EET 111 Circuit Analysis I | RT | Elective- Social and Behavioral Science Course | RE | MET 222 Machine Design | RT: | | | | | | | | |
| Year 2 3rd Qrt. | COM 211 Public Speaking | RA TAG | MED 101 Blueprint Reading & Sketching | RA | MET 241 Topics in Computer Aided Engineering | RT TAG | MET 297 Applied Design for Manufacturing | RT: | | | | | | | | |

Contact Person: Roger Newhouse

Title: Chair, Mechanical Engineering Design

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POTENTIAL number or range of college credits available to secondary pathway students upon admission: 4 quarter

Date Completed: June 22,2010

CODES *(use all that apply)*

RT: Required Technical Courses

CT2: Eligible for CT2 Credit

RA: Other Required Courses

TAG: Eligible for TAG Credit

RE: Recommended Electives

CC: Other College Credit Opportunities (based on articulation or dual/concurrent enrollment agreements with partner high school)

