

**TERRA COMMUNITY COLLEGE**  
 Engineering and Industrial Technologies Division  
 and Vanguard Career Center  
 Articulation Agreement  
 Effective for 2007 Graduates

<b>VANGUARD PROGRAM</b>	<b>TERRA COMMUNITY COLLEGE PROGRAMS</b>	<b>ARTICULATION CODE (see below)</b>	<b>COURSE TITLE</b>	<b>CREDIT HOURS</b>
<i>Auto Technology</i>	<b>•Power Technology</b>	1 1	AAD 1120 Auto Engines AAD 2640 Fuel and Emission Systems	4 3
<i>Electrical Trades</i>	<b>•(HVAC) Heating, Ventilation &amp; Air Conditioning</b>  <b>•Industrial Electricity</b> Power & Controls  <b>•Industrial Electricity</b> Programmable/Computer Controls Major  <b>Robotics/Integrated Manufacturing</b>	2 1  1 1 2  1 2  1 2	REF 1120 Electricity for HVAC I EET 2240 Electrical Codes & Prints I  EET 1050 Electricity I EET 2240 Electrical Codes & Prints I EET 2400 Motor Controls  EET 1050 Electricity I EET 2400 Motor Controls  EET 1050 Electricity I EET 2400 Motor Controls	4 3  3 3 4  3 4  3 4
<i>Welding Fabrication Technology</i>	<b>•Welding</b>	1 1 1 3 3 2	WET 1130 Welding I WET 1140 Welding Lab I QCT 1020 Blueprint Reading WET 2430 Welding II WET 2440 Welding Lab II ROB 1010 Intro to Robotics	3 2 2 3 2 3
<i>Precision Machining</i>	<b>•Manufacturing Engineering</b> Computer Assisted Design and Manufacturing Major  Mechanical Engineering Technology Major  Machining-Metal Working Major  Industrial Maintenance	1 1 1  1 1 1  1 1 1  1 1 1	MET 1130 Intro to Machining Processes I MET 1140 Intro to Machining Processes Lab QCT 1020 Blueprint Reading  MET 1130 Intro to Machining Processes I MET 1140 Intro to Machining Processes Lab QCT 1020 Blueprint Reading  MET 1130 Intro to Machining Processes I MET 1140 Intro to Machining Processes Lab QCT 1020 Blueprint Reading  MET 1130 Intro to Machining Processes I MET 1140 Intro to Machining Processes Lab QCT 1020 Blueprint Reading	2 1 2  2 1 2  2 1 2  2 1 2
<i>Masonry</i>	<b>•Course may be used as a technical elective in the Engineering and Industrial Technology Division in an appropriate major</b>	1	QCT 1020 Blueprint Reading	2
<i>Carpentry</i>	<b>•Architectural/Construction Engineering</b>	1	ADT1120 Construction Methods and Materials  (Continued on next page)	3

<i>Printing Occupations</i>	<b>•Digital Arts and Media Design</b> Design for Print Major	1 2	DMT1000 Introduction to Print Processes DMT 1040 Digital Photography	3 3
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**Articulation Codes:**

1. Credit upon completion of Vanguard program (“B” or better) if enrolled at Terra within two years of graduation; otherwise method 2 applies.
  2. Presentation, Portfolio and/or structured interview with instructor
  3. Proficiency Examination
- \* Articulated courses may be used for technical electives in any Engineering/Industrial major.

9/06