## Business & Technology Division Degree Plan

### HEATING, VENTILATION, AIR CONDITIONING & REFRIGERATION TECHNOLOGY

**Certificate**

### Placement Testing:

#### Accuplacer/ASSET/COMPASS/THEA

<table>
<thead>
<tr>
<th>Read</th>
<th>Writing</th>
<th>Math</th>
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<tbody>
<tr>
<td>DATE:</td>
<td><em>TSI COMPLETE/EXEMPT/WAIVED</em></td>
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<table>
<thead>
<tr>
<th>ACT</th>
<th>SAT</th>
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**DEVELOPMENTAL COURSES (enter grade)**

- **Reading:**
  - None
  - READ 70
  - READ 80
  - READ 90
  - Non Course Remediation

- **Writing:**
  - None
  - ENGL 71
  - ENGL 81
  - ENGL 91
  - Non Course Remediation

- **Math:**
  - None
  - MATH 80
  - MATH 85
  - MATH 90
  - Non Course Remediation

### Major Courses

#### FIRST YEAR - FALL SEMESTER

<table>
<thead>
<tr>
<th>SCH</th>
<th>COLLEGE</th>
<th>SEM/YR</th>
<th>GRADE</th>
<th>COMMENTS</th>
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<tr>
<td>HART 1401</td>
<td>Basic Electricity for HVAC</td>
<td>4</td>
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<tr>
<td>HART 1407</td>
<td>Refrigeration Principles</td>
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<td>HART 1410</td>
<td>HVAC Shop Practices and Tools</td>
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#### FIRST YEAR - SPRING SEMESTER

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<tr>
<td>HART 1445</td>
<td>Gas &amp; Electrical Heating</td>
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<tr>
<td>HART 2431</td>
<td>Advanced Electricity for HVAC</td>
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<tr>
<td>HART 2445</td>
<td>Air Conditioning Systems Design</td>
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#### SECOND YEAR - FALL SEMESTER

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<tr>
<td>HART 2434</td>
<td>Advanced Air Conditioning Controls</td>
<td>4</td>
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<tr>
<td>HART 2438</td>
<td>CAPSTONE: Air Cond. Installation and Startup</td>
<td>4</td>
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<tr>
<td>HART 2441</td>
<td>Commercial Air Conditioning</td>
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<tr>
<td>HART 2442</td>
<td>Commercial Refrigeration</td>
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**Student's Signature**

**DATE**

**Faculty/Advisor's Signature**

**DATE**
PRE-REQUISITES:
HART 1401 BASIC ELECTRICITY FOR HVAC
   Prerequisite: None.
HART 1407 REFRIGERATION PRINCIPLES
   Prerequisite: None.
HART 1410 HVAC SHOP PRACTICES AND TOOLS
   Prerequisite: None.
HART 1445 GAS & ELECTRICAL HEATING
   Prerequisite: HART 1401, HART 1407, HART 1410.
HART 2431 ADVANCED ELECTRICITY FOR HVAC
   Prerequisite: HART 1401, HART 1407, HART 1410.
HART 2445 AIR CONDITIONING SYSTEMS DESIGN
   Prerequisite: HART 1401, HART 1407, HART 1410.
HART 2434 ADVANCED AIR CONDITIONING CONTROLS
   Prerequisite: HART 1401, HART 1407, HART 1410.
HART 2438 CAPSTONE: AIR CONDITIONING INSTALLATION AND STARTUP
   Prerequisite: HART 1401, HART 1407, HART 1410.
HART 2441 COMMERCIAL AIR CONDITIONING
   Prerequisite: HART 1401, HART 1407, HART 1410.
HART 2442 COMMERCIAL REFRIGERATION
   Prerequisite: HART 1401, HART 1407, HART 1410.