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message from the president

Thank you for joining our team at Perry Technical Institute. We are honored to help you on your path to a successful career. I’m confident the opportunities at our school will help you open the doors to a brighter future.

Perry Technical Institute’s high placement rates are a testament to our school—not only our students’ commitment, but our commitment to see you succeed. It’s no surprise to us that Perry has gained national recognition for student achievement. From before you start classes to even after you graduate, we’re devoted to serving you.

Walking through our halls you’ll sense the pride we take in our school and our students. The friendly greetings, helpful instructors, and career coaching demonstrate a positive environment that encourages your success—not only as a student, but as an employee as well. An education at Perry Technical Institute is much more than a year or two in a program, it’s a pathway to a better life.

Welcome to Perry, we look forward to seeing you succeed.

Christine Coté  
Perry Technical Institute

Catalog certified as true and correct for content and policy.  
February 2018

mission statement

Perry Technical Institute will provide industry with well-trained people who are motivated to work as team members to meet the needs of industry in our rapidly evolving technological world.

vision statement

Perry Technical Institute will provide the resources and guidance required to allow students to acquire the knowledge, attitudes and skills to achieve employment and success in their chosen career field.

purpose of the harriet i. perry trust

“The purpose of this trust is the creation, establishment, erection, equipment, maintenance, and endowment of an educational institution to be located on or near the vicinity of Yakima, Washington, to be known as THE J.M. PERRY INSTITUTE OF TRADE, INDUSTRIES AND AGRICULTURE, to provide courses of instruction and training of a practical nature and confined to the technical area of such trades, industries, and branches of agriculture as shall qualify and prepare the students to enter a gainful occupation and fill working positions in respective fields of trade, industry, and agriculture in which courses of instruction and training shall be given by the Institute. All applicants for admission to the Institute shall be not less than sixteen (16) years of age, and shall possess a high school education or the equivalent thereof, and shall be admitted upon such terms or payment, not to be prescribed with a view to profit, as may be determined by the trustees in the case of each applicant for admission, depending on the merits, fitness, and qualifications to benefit by the courses of instruction given by the Institute, PROVIDED, HOWEVER, that said Institute shall be open to all persons upon equal terms who possess the qualifications established for admission thereto.”  
(Trust Deed dated December 20, 1939)
history of perry technical institute

As a gift to the Yakima community and a lasting memorial to her late husband, Harriet I. Perry founded Perry Technical Institute in 1939. The school was designed to train ambitious people in skilled occupations. Curriculum was streamlined to eliminate non-essentials, ensuring that students left with the knowledge, attitudes, and beliefs necessary to go directly into industrial positions. The school opened to 211 students in January 1941 and has operated continuously for the next 76 years.

Perry Technical Institute is housed in the same location that it was in 1939. It has built upon its rich history to continue to meet the needs of employers throughout the area. Perry now offers twelve programs and serves over 700 students.

Over the years, Perry Technical Institute has tailored its programs to meet the needs of industry. While the course offerings have changed in response to these needs, the mission of the school has remained the same. Perry Technical Institute serves industry by preparing workers with both technical skills and positive work habits. The school serves students of all ages and walks of life, equipping them with the knowledge and skills they need for careers that offer family-supportable wages, job security, benefits, and opportunities for advancement.
facilities

The Perry Technical Institute campus is located on approximately 35 acres of land on the southwest edge of Yakima, Washington at 2011 W. Washington Ave., across the street from the Yakima Air Terminal.

The school’s facilities include the main building, which houses the Administration Office; a 626-seat auditorium; the Information Technology & Communication Systems program; and Student Services that includes, Academic Support, Career Services, the Campus Store, the Copy Center, and the Deli. The Eugene Shields Technical Training Center on the west end of campus houses the Heating, Ventilation, Air Conditioning & Refrigeration Technology and Business Technology & Accounting programs. The Agricultural Equipment Technician, Construction, and Welding Technology programs are located behind the main building. The Precision Machining & Manufacturing Program and the Electrical Technology programs are located east of the main building and the Burnham Prince Automotive Technology Building is on the northwest end of campus. Plath Hall, located east of the main campus, houses the Instrumentation & Industrial Automation Technology program. The Medical Annex, adjacent to campus on South Sixteenth Avenue, houses the Medical Office Administration & Coding and the Medical Assistant programs.

hours of availability

Perry Technical Institute Main Office is open Monday through Thursday from 6:30 a.m. to 5:30 p.m., excluding school closures and holidays. See the Academic Calendar on page 8 for a complete list of scheduled school closures.

The Learning Resource Center is open Monday from 6:30 a.m. to 7:00 p.m. and Tuesday through Thursday from 6:30 a.m. to 6:00 p.m.
the campus

1) Main Office
   - Admissions: 1st Floor
   - Enrollment: 1st Floor
   - Financial Services: 1st Floor
   - President’s Office: 1st Floor
   - Foundation Office: 1st Floor
   - Admissions/PR/Marketing: 2nd Floor
   - Facilities/Safety: 2nd Floor

2) Electrical Technology
3) Precision Machining & Manufacturing
4) Construction
5) Agricultural Equipment Technician
6) Welding Technology
7) Automotive Technology
8) Business Technology & Accounting
9) Heating, Ventilation, Air Conditioning & Refrigeration Technology
10) Information Technology & Communication Systems
11) Instrumentation & Industrial Automation Technology
12) Medical Office Administration & Coding, Medical Assistant
    - Business Services/HR
13) Student Services/Career Services
14) Deans of Education
15) Attendance
16) The Hangar Campus Store
17) Dell

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Perry Technical Institute
2011 West Washington Avenue
Yakima, WA 98903-1296
509.453.0374 • 888.528.8586
perry technical institute campus

ALL VISITORS MUST CHECK IN AT THE MAIN OFFICE.

1) Main Office
   Admissions
   Enrollment
   Financial Aid
   President's Office
   Finance
   Institutional Effectiveness
   Foundation
   Facilities & Safety
   Boardroom
   Marketing & Public Relations

2) Electrical Technology
3) Instrumentation & Industrial Automation Technology
4) Precision Machining & Manufacturing
5) Construction
6) Agricultural Equipment Technician
7) Automotive Technology
8) Heating, Ventilation, Air Conditioning & Refrigeration Technology
9) Business Technology & Accounting
10) Exam Center
11) Welding Technology
12) Information Technology & Communication Systems
13) Multipurpose Room
14) IT Department
15) Deli
16) Auditorium
17) Foyer
18) Student Services
   Education Office
   Attendance
   Career Services
   Learning Resource Center
   The Hangar Campus Store
   Vet Corps Navigator
   Mail Room and Copy Center
19) Human Resources
20) Medical Annex
   Medical Assistant
   Medical Office Administration & Coding
21) Payroll & Benefits/Controller and Accounts Payable

Elevator
Designated Smoking Area
Parking
Men’s Restroom
Women’s Restroom
All-Gender Restroom
Bike Rack
<table>
<thead>
<tr>
<th>SUMMER QUARTER 2017</th>
<th></th>
<th>SUMMER QUARTER Begins</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 20</td>
<td></td>
<td>Independence Day, No Classes</td>
</tr>
<tr>
<td>July 4</td>
<td></td>
<td>No Classes</td>
</tr>
<tr>
<td>August 7 - 18</td>
<td></td>
<td>Summer Break, No Classes</td>
</tr>
<tr>
<td>September 4</td>
<td></td>
<td>Labor Day, No Classes</td>
</tr>
<tr>
<td>September 20</td>
<td></td>
<td>Summer Quarter Ends, Graduation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FALL QUARTER 2017</th>
<th></th>
<th>FALL QUARTER Begins</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 25</td>
<td></td>
<td>Veterans Day Observed, No Day Classes</td>
</tr>
<tr>
<td>November 9</td>
<td></td>
<td>Veterans Day Observed, No Night Classes</td>
</tr>
<tr>
<td>November 10</td>
<td></td>
<td>Thanksgiving, No Day Classes</td>
</tr>
<tr>
<td>November 23</td>
<td></td>
<td>No Night Classes</td>
</tr>
<tr>
<td>November 24</td>
<td></td>
<td>Fall Quarter Ends, Graduation</td>
</tr>
<tr>
<td>December 13</td>
<td></td>
<td>Winter Break, No Classes</td>
</tr>
<tr>
<td>December 18 - January 1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WINTER QUARTER 2018</th>
<th></th>
<th>WINTER QUARTER Begins</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 2</td>
<td></td>
<td>Martin Luther King, Jr. Day, No Classes</td>
</tr>
<tr>
<td>January 15</td>
<td></td>
<td>Presidents’ Day, No Classes</td>
</tr>
<tr>
<td>February 19</td>
<td></td>
<td>Winter Quarter Ends, Graduation</td>
</tr>
<tr>
<td>March 21</td>
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</table>

<table>
<thead>
<tr>
<th>SPRING QUARTER 2018</th>
<th></th>
<th>SPRING QUARTER Begins</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 26</td>
<td></td>
<td>Spring Break, No Classes</td>
</tr>
<tr>
<td>April 2 - 6</td>
<td></td>
<td>Memorial Day, No Classes</td>
</tr>
<tr>
<td>May 28</td>
<td></td>
<td>Spring Quarter Ends, Graduation</td>
</tr>
<tr>
<td>June 14</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
CHANGES DISCLAIMER

This catalog is current as of the date of publication. Perry Technical Institute reserves the right to make changes at any time to any provision of this catalog, including the amount of tuition and fees; academic programs and courses; Perry Technical Institute policies and procedures; faculty and administrative staff; academic calendar; and other dates and provisions. Perry Technical Institute also reserves the right to make changes in equipment and instructional materials, to modify curriculum and, when size and curriculum permit, to combine classes.

From time to time, it may be necessary for Perry Technical Institute to make changes to this catalog due to the requirements and standards of Perry Technical Institute’s accrediting body, state authorization agency or the United States Department of Education, or due to the market conditions, employer needs or for other reasons.

To see the most current version of the catalog, please visit our website at perrytech.edu/doc/catalog.pdf.
enrollment

Perry Technical Institute welcomes prospective applicants who are seeking education in one of the school’s 12 training programs. Perry Technical Institute programs are considered full-time and run year-round. All applicants must have earned a high school diploma, General Education Development Certificate (GED), or recognized equivalent, and be at least 16 years of age.

ENROLLMENT PROCEDURES

To begin the enrollment process, applicants should contact an Admissions representative at Perry Technical Institute in writing, by telephone, or through the website to request program information and to take a tour of the school facilities:

Perry Technical Institute
Yakima, WA 98903
509.453.0374
Toll-free 888.528.8586
perrytech.edu

Once applicants have completed a program tour and made a decision to apply they should contact Enrollment Services to complete the following requirements in order to be enrolled into the program of their choice. Candidates will confirm they have already received a catalog or will receive one at the time of acceptance to Perry Technical Institute. Enrollment Services will review the application for enrollment and notify the applicant in writing the status of enrollment to the school.

ENROLLMENT REQUIREMENTS

1. Submit a Perry Technical Institute application for enrollment.
2. Pay a nonrefundable $25 exam fee and pass the entrance exam for the selected program.
3. Provide proof of satisfactory completion of high school equivalent education and an approved form of photo identification.
4. Pay a nonrefundable $100 registration fee to secure a seat in an available start date.
5. Attend mandatory new student orientation and sign an enrollment agreement.

Applicants to the Automotive, Agricultural Equipment Technician, and HVAC/R programs must have a valid driver’s license and must provide a three-year driving abstract. Medical Assistant Program applicants must successfully pass a criminal background check.

Perry Tech enrolls students based on the date their registration fee is paid. Students requesting to be placed on the waiting list for a start term that is full at the time of payment will be enrolled for the next available start date and added to a waiting list for all requested earlier start dates. Students who request a change in enrollment date after paying the registration fee will be charged a nonrefundable $25 term change fee.

For more information regarding enrollment requirements and policies, contact Enrollment Services at 509.453.0374.
ARTICULATION AGREEMENTS
A collaborated program between Perry Technical Institute and Yakima Valley College provides students with the opportunity to earn an Associate of Applied Science in three technical areas:

- Instrumentation & Industrial Automation Technology
- Heating, Ventilation, Air Conditioning & Refrigeration Technology
- Electrical Technology

An Associate of Applied Science along with the technical program allows students to work more effectively in their chosen field and to help them compete for advanced opportunities. In addition to completing their technical program at Perry Technical Institute, students complete credits at Yakima Valley College. Credits are designated as core requirements and are required for all programs.

Upon acceptance into one of these three certificated programs at Perry, students may begin taking required classes at Yakima Valley College to complete their AAS degree. This can be done while waiting for entrance into the technical portion of their degree (prior to starting classes at Perry), while they complete the technical training at Perry, or after they complete their technical training.

For additional information, please contact Yakima Valley College at 509.572.4956 (www.yvcc.edu) or Perry Technical Institute at 509.453.0374.

An articulation between Perry Technical Institute, the Yakima School District, the Yakima Valley Technical Skills Center, and the Toppenish School District provides high school students with the opportunity to earn credit for one quarter in Perry’s Automotive, Welding, Medical Assistant, and Medical Office Administration & Coding programs. In order to qualify, high school students must meet all terms of the articulation agreement, including but not limited to, providing Perry Technical Institute with transcripts that depict transferable credits have been earned.

financial assistance

FINANCIAL AID
Perry Technical Institute offers a variety of financial assistance to eligible students. Aid in the form of grants, loans, jobs, and scholarships help offset the cost of educational expenses. Financial aid is administered in accordance with established state and federal policies and philosophies. The basis of these policies is the belief that financing a student’s education is the responsibility of the student and family.

ELIGIBILITY
A student’s financial aid award is based on a demonstrated financial need. Need is determined from analysis of the Free Application for Federal Student Aid Form (FAFSA). This form is analyzed to determine the expected contribution from the student and the student’s family toward the educational expenses. Financial need is the difference between total educational expenses for an academic year and the student/family contribution. Financial aid should be viewed as a supplement only after the full resources of the student and family are committed.

SATISFACTORY ACADEMIC PROGRESS REQUIREMENTS FOR FINANCIAL AID RECIPIENTS
Satisfactory Academic Progress (SAP) holds students accountable for meeting the minimum academic standards in an eligible program of study per federal and state financial aid regulations. The Director of Financial Aid reviews SAP before financial aid is awarded and is reviewed at the end of every term that aid is received.

Students must be making SAP in order to remain eligible for financial aid. To fulfill SAP requirements, students must:

1. Complete each term with a minimum GPA of 2.0 and have a minimum cumulative GPA of 2.0.
2. Quantitative/credit completion rules: All students at Perry Technical Institute (PTI) attend full time in programs exceeding 12 credit hours per term. Students must successfully complete 100% of the credits associated with the full-time awards (meeting the minimum GPA 2.0) or aid will be terminated.
3. Progress in a program of study at a pace that allows completion within the maximum time frame of 150% (federal funds) and 125% (state funds) of program length.
4. Courses must be completed on time.

If a student withdraws or is terminated, the Dean’s office notifies the Director of Financial Aid who calculates the return of Title IV funding (if applicable) and financial aid for future terms is terminated. If at the end of any term a student is not making SAP, the Registrar notifies the Director of Financial Aid and financial aid funds for future terms are terminated. If possible, a financial aid representative meets with the student to discuss termination of eligibility. If not, they will be notified regarding eligibility by phone or mail. If a student does not make SAP at the end of the payment period and they wish to continue in the program of study, the student will need to repeat all of the coursework in that payment period based on the school’s academic policies.

If a student reenrolls, he or she will not be eligible for federal or state financial aid for his or her first term back. In order to regain eligibility, the student must successfully complete all credits in the first term back. After successfully completing the term with a minimum of 2.0 GPA, his or her financial aid will be reinstated for future terms. The student will also be on probation for one quarter followed by an academic plan for up to three quarters for pace of completion.

If, due to extenuating circumstances, the student fails to meet SAP requirements, he or she may appeal the termination of his or her financial aid to the Financial Aid Office. Appeals are completed by submitting a Financial Aid Appeal Request Form located at www.perrytech.edu/admissions/costs.html under forms. Appeals are reviewed based on a documentable extenuating circumstance impacting academic performance. Extenuating circumstances are considered to be past events that are no longer barriers to academic progress. Academic reinstatement by PTI does not constitute reinstatement of financial aid eligibility.

A financial aid appeal must meet one of the following conditions:

1. Serious illness or injury to student or immediate family member (parent, spouse, sibling, child) that required extended recovery time
2. Death of an immediate family member
3. Drug/alcohol treatment

11
4. Medical/significant trauma in student’s life that impaired the student’s emotional and/or physical health
5. Withdrawal due to military service
6. Other unexpected circumstances beyond the control of the student

Note: Circumstances related to the typical adjustment to college life such as working while attending school, financial issues related to paying bills and car maintenance/travel to campus are not considered as extenuating for purposes of appealing financial aid.

The appeal must include a statement from the student as to why he or she failed to make satisfactory academic progress and how the student is now in a position to be academically successful.

An appeal committee reviews appeals and all decisions are final. Students will be notified in writing of appeal decision within 10 business days. Appeals may be submitted to the Financial Aid Office, mailed to PTI, faxed to 509.453.0458 or emailed to financial.aid@perrytech.edu.

An otherwise eligible student in a repeated quarter resulting from a successful appeal may receive financial aid for a maximum of one repeated term per FSA regulations. The student will also be on probation for one quarter followed by an academic plan for up to three quarters for pace of completion. If the student does not meet both the minimum 2.0 GPA SAP standards by the end of the repeated quarter, and be on pace for completion after three terms following the failed term, financial aid will be terminated.

INCOMPLETES
If at the end of the term the student has an incomplete, no financial aid is disbursed for the following term until the term is completed and SAP can be determined.

REINSTATEMENT OF AID Students’ financial aid may be reinstated in one of two ways:

1. By having the Financial Aid General Appeal Form approved.
2. By remaining in school and re-establishing compliance with the minimum cumulative GPA (qualitative) and attendance (quantitative) standards.

WITHDRAWALS (REFUNDS)
Perry Technical Institute uses the student’s last date of attendance as the official withdrawal date. Up through the 60% point in each payment period or period of enrollment, a pro-rata schedule is used to determine how much FSA program funds the student has earned at the time of withdrawal. The Return of Title IV Fund Calculation is used to determine the amount that must be returned by the student and school.

The amount of financial aid earned is the percentage of aid earned multiplied by the total amount of aid that was disbursed for the payment period or period of enrollment as of the day the student withdrew.

1. If the day the student withdrew occurs on or before the student completed 60% of the payment period or period of enrollment for which the assistance was awarded, the percentage earned is equal to the percentage of the payment period for which assistance was awarded that was completed.
2. If the day the student withdrew occurs after the student has completed greater than 60 percent of the payment period or period of enrollment, the percentage earned is 100%.

Following federal policy using the Title IV Fund Calculation, the percentage of the payment period or period of enrollment completed is determined by calculating the total number of calendar days in the payment period divided into the number of calendar days completed in that period as of the day the student withdrew.

Funds will be returned in the following order:

1. Unsubsidized Federal Stafford Loans
2. Subsidized Federal Stafford Loans
3. Perkins Loans
4. Federal/Direct Plus Loans
5. Federal Pell Grants
6. FSEOG

REFUNDING STATE AID FUNDS
STATE NEED GRANT (SNG), COLLEGE BOUND SCHOLARSHIP (CBS), AND PASSPORT TO COLLEGE SCHOLARSHIP (PTC)
If a student withdraws and his/her last date of attendance is prior to or at 50% of the term, the SNG and/or CBS repayment will be based on the percent of the term not completed, following the procedures outlined in the Washington Student Achievement Council’s repayment methodology. Funds will be returned to SNG and/or CBS and/or PTC via the Washington Student Achievement Council’s secure portal, CSAW. If a student’s last date of attendance is after 50% of the term, the aid is considered 100% earned per the State Grant Aid repayment policy and no repayment is processed.

SBCTC OPPORTUNITY GRANT (OG) AND WORKER RETRAINING GRANT (WRT)
For refunds/repayment, the Perry Technical Institute Tuition Refund Policy will be followed.

<table>
<thead>
<tr>
<th>Percentage of student’s attendance for term (% of OG)</th>
<th>Refund due to state</th>
</tr>
</thead>
<tbody>
<tr>
<td>0% - first 10%</td>
<td>90%</td>
</tr>
<tr>
<td>11% - 25%</td>
<td>75%</td>
</tr>
<tr>
<td>26% - 60%</td>
<td>50%</td>
</tr>
<tr>
<td>More than 60%</td>
<td>0%</td>
</tr>
</tbody>
</table>

PTI FOUNDATION SCHOLARSHIPS
In 1992, a group of community volunteers pledged their commitment to Perry Technical Institute by forming Perry Technical Foundation. The foundation’s mission is to raise funds for student scholarships, loans, instructional equipment, and capital improvements which enrich learning on the Perry campus.

With the support of alumni, community members, foundations, and industry, Perry Technical Foundation has established a strong scholarship program designed to assist current students working toward their career goals. Over the last five years, Perry Technical Foundation has awarded nearly $2 million in scholarships to deserving students.

Perry Technical Foundation scholarships are offered to current Perry Technical Institute students in the spring and fall of each year. The
number of scholarships will vary depending on available funding. In addition to scholarships provided by Perry Technical Foundation, the foundation office maintains a list of outside scholarships available to Perry Tech students. Scholarship information is accessible in Student Services, the Financial Aid Office and at www.perrytech.edu/admissions/costs.html. Please visit the Foundation Office for more information or for assistance in completing scholarship applications.

**tuition and fees**

**TUITION PAYMENT REQUIREMENTS**
Tuition is billed on a quarterly basis. Tuition is generally due at the start of each program quarter, however, there is an optional Tuition Payment Plan (TPP) available which may be subject to a fee and late charges, and which allows a maximum of three payments over the term. Failure to comply with the TPP may result in removal from class. A student with a balance owing on his/her account may not be allowed to continue to the next term.

**DELINQUENT ACCOUNTS**
In the event a student’s account is delinquent, the student may be required to pay late fees and all reasonable collection costs, including attorney fees and collection agency fees in accordance with Washington State law. Student transcripts may also be held if an account is delinquent. Students will not receive a certificate of graduation or a degree if they have a balance owing. Any delinquent institutional debt must be cleared prior to re-enrollment.

**RETURNED CHECK PROCESSING FEE**
A charge of $32 is assessed each time a student’s check is returned by a bank withholding payment. In addition, the student may not be permitted to pay by check for any future payments.

**CANCELLATION & REFUND POLICY**
The school will refund all money paid (less non-refundable exam and registration fees) if the applicant is not accepted. In rare instances where a starting class is cancelled by the school, the school will refund all money paid, including exam and registration fees. The school will refund all money paid (less non-refundable exam and registration fees) if an applicant cancels after the day the enrollment contract is signed or an initial payment is made, as long as the applicant has not entered class.

If the applicant cancels after the fifth business day after signing the enrollment agreement or making an initial payment, but prior to attending class, the school will retain a cancellation fee of $100.00.

If training is terminated after the student enters class the school will retain 100% of all assessed fees with the exception of lab fees. The school will refund a pro-rated portion of tuition and lab fees based on the following schedule:

<table>
<thead>
<tr>
<th>If the student completes training through:</th>
<th>The school refunds this amount to student:</th>
</tr>
</thead>
<tbody>
<tr>
<td>0% - first 10%</td>
<td>90%</td>
</tr>
<tr>
<td>11% - 25%</td>
<td>75%</td>
</tr>
<tr>
<td>26% - 60%</td>
<td>50%</td>
</tr>
<tr>
<td>More than 60%</td>
<td>0%</td>
</tr>
</tbody>
</table>

The training completion percentage is calculated by dividing the number of scheduled class days through the date of student’s termination by the total number of scheduled class days in the term.

When calculating refunds, the official date of a student’s termination is the last actual date of recorded attendance. All refunds will be paid within thirty calendar days of the student’s official termination date.

Any student receiving federal or state financial aid who officially or unofficially withdraws from Perry Technical Institute will have funds returned to the appropriate financial aid program based on the regulations governing the program.
program cost breakdown

All fees listed are mandatory and required for the completion of the program. Additional certifications and field trips are optional and costs will be assessed separately.

The State of Washington does not allow for tax-exemption of items purchased for use in the state such as books and tools for instruction received in the State of Washington.

COSTS OF ENROLLMENT FOR 12-MONTH PROGRAMS

<table>
<thead>
<tr>
<th></th>
<th>SUM 2017</th>
<th>FALL 2017</th>
<th>FALL 2017</th>
<th>FALL 2017</th>
<th>FALL 2017</th>
<th>FALL 2017</th>
<th>SUM 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$17,172</td>
<td>$17,172</td>
<td>$17,172</td>
<td>$17,258</td>
<td>$16,850</td>
<td>$17,172</td>
<td>$17,172</td>
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<tr>
<td>Lab Fees</td>
<td>$200</td>
<td>$240</td>
<td>$600</td>
<td>$200</td>
<td>$120</td>
<td>$400</td>
<td>$2,000</td>
</tr>
<tr>
<td>Technology Fees</td>
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<td>$120</td>
<td>$120</td>
<td>$210</td>
<td>$210</td>
<td>$120</td>
<td>$120</td>
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<tr>
<td>First Aid/CPR Fee</td>
<td>$25</td>
<td>$25</td>
<td>$25</td>
<td>$35</td>
<td>$25</td>
<td>$25</td>
<td>$25</td>
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<tr>
<td>Student Accident</td>
<td>$25</td>
<td>$25</td>
<td>$25</td>
<td>$35</td>
<td>$25</td>
<td>$25</td>
<td>$25</td>
</tr>
<tr>
<td>Graduation Fee</td>
<td>$54</td>
<td>$54</td>
<td>$54</td>
<td>$54</td>
<td>$54</td>
<td>$54</td>
<td>$54</td>
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<tr>
<td>Industry Certification Fees</td>
<td>-</td>
<td>$15</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Total Tuition and Fees</td>
<td>$17,659</td>
<td>$17,714</td>
<td>$18,059</td>
<td>$17,845</td>
<td>$17,347</td>
<td>$17,859</td>
<td>$19,459</td>
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</table>

Additional Estimated Costs

<table>
<thead>
<tr>
<th></th>
<th>SUM 2017</th>
<th>FALL 2017</th>
<th>FALL 2017</th>
<th>FALL 2017</th>
<th>FALL 2017</th>
<th>FALL 2017</th>
<th>SUM 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Books</td>
<td>$120</td>
<td>$155</td>
<td>$230</td>
<td>$1,480</td>
<td>$2,425</td>
<td>$750</td>
<td>$230</td>
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<tr>
<td>Tools</td>
<td>$3,215</td>
<td>$2,405</td>
<td>$670</td>
<td>$900</td>
<td>$900</td>
<td>$2,600</td>
<td>$1,455</td>
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<tr>
<td>Materials</td>
<td>$231</td>
<td>$230</td>
<td>$70</td>
<td>$215</td>
<td>$215</td>
<td>$15</td>
<td>$75</td>
</tr>
<tr>
<td>Uniform</td>
<td>$115</td>
<td>$115</td>
<td>$135</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>OSHA 10</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>WA DOH</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<td>RMA</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Total Additional Estimated Costs</td>
<td>$3,681</td>
<td>$2,905</td>
<td>$1,130</td>
<td>$2,830</td>
<td>$3,540</td>
<td>$3,365</td>
<td>$1,785</td>
</tr>
<tr>
<td>Total Cost of Enrollment</td>
<td>$21,340</td>
<td>$20,619</td>
<td>$19,189</td>
<td>$20,645</td>
<td>$20,937</td>
<td>$21,224</td>
<td>$21,244</td>
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</table>

COSTS OF ENROLLMENT FOR 18-MONTH PROGRAMS

<table>
<thead>
<tr>
<th></th>
<th>(WIN 2018)</th>
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</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$25,275</td>
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<tr>
<td>Lab Fees</td>
<td>$150</td>
</tr>
<tr>
<td>Technology Fees</td>
<td>$375</td>
</tr>
<tr>
<td>First Aid/CPR Fee</td>
<td>$25</td>
</tr>
<tr>
<td>Student Accident Insurance Fees</td>
<td>$132</td>
</tr>
<tr>
<td>Graduation Fee</td>
<td>$54</td>
</tr>
<tr>
<td>Total Tuition and Fees</td>
<td>$26,011</td>
</tr>
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</table>

Additional Estimated Costs

<table>
<thead>
<tr>
<th></th>
<th>(WIN 2018)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Books</td>
<td>$4,335</td>
</tr>
<tr>
<td>Tools</td>
<td>$900</td>
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<tr>
<td>Materials</td>
<td>$40</td>
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<tr>
<td>Total Additional Estimated Costs</td>
<td>$5,275</td>
</tr>
<tr>
<td>Total Cost of Enrollment</td>
<td>$31,286</td>
</tr>
</tbody>
</table>
## COSTS OF ENROLLMENT FOR TWO-YEAR PROGRAMS

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ELEC</td>
<td>HVAC/R</td>
<td>ITCS</td>
<td>INSTRU</td>
</tr>
<tr>
<td>Tuition</td>
<td>$38,148</td>
<td>$34,860</td>
<td>$34,860</td>
<td>$35,202</td>
</tr>
<tr>
<td>Lab Fees</td>
<td>$480</td>
<td>$400</td>
<td>$360</td>
<td>$160</td>
</tr>
<tr>
<td>Field Training Fees</td>
<td>$600</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Technology Fees</td>
<td>$240</td>
<td>$240</td>
<td>$240</td>
<td>$240</td>
</tr>
<tr>
<td>First Aid/CPR Fee</td>
<td>$25</td>
<td>$25</td>
<td>$25</td>
<td>$25</td>
</tr>
<tr>
<td>First Aid/CPR Renewal Fee</td>
<td>$20</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Student Accident Insurance Fees</td>
<td>$176</td>
<td>$176</td>
<td>$176</td>
<td>$176</td>
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<tr>
<td>Industry Certification Fees</td>
<td>-</td>
<td>$35</td>
<td>$70</td>
<td>-</td>
</tr>
<tr>
<td>Graduation Fee</td>
<td>$54</td>
<td>$54</td>
<td>$54</td>
<td>$54</td>
</tr>
<tr>
<td><strong>Total Tuition and Fees</strong></td>
<td><strong>$39,743</strong></td>
<td><strong>$35,790</strong></td>
<td><strong>$35,785</strong></td>
<td><strong>$35,857</strong></td>
</tr>
</tbody>
</table>

### Additional Estimated Costs

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Books</td>
<td>$1,405</td>
<td>$590</td>
<td>$1,010</td>
<td>$1,170</td>
</tr>
<tr>
<td>Tools</td>
<td>$2,005</td>
<td>$1,880</td>
<td>$750</td>
<td>$2,275</td>
</tr>
<tr>
<td>Materials</td>
<td>$125</td>
<td>$160</td>
<td>$1,345</td>
<td>$215</td>
</tr>
<tr>
<td>Uniform</td>
<td>$220</td>
<td>$115</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Trainee Card/Trainee Renewal Fee</td>
<td>$95</td>
<td>$95</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>OSHA 10</td>
<td>$25</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total Additional Estimated Costs</strong></td>
<td><strong>$3,875</strong></td>
<td><strong>$2,840</strong></td>
<td><strong>$3,150</strong></td>
<td><strong>$3,660</strong></td>
</tr>
</tbody>
</table>

**Total Cost of Enrollment** $43,618 $38,630 $38,890 $39,517
ATTENDANCE POLICY

Attendance is mandatory. The scheduled start and end times are as follows:

- **AET**: Monday – Thursday 7:30 a.m. – 4:00 p.m.
- **AUTO**: Monday – Thursday 7:30 a.m. – 4:00 p.m.
- **BTA**: Monday – Thursday 7:30 a.m. – 4:00 p.m.
- **CST**: Monday – Thursday 7:00 a.m. – 3:30 p.m.
- **ELEC**: Monday – Thursday 6:50 a.m. – 4:05 p.m.
- **HVAC/R**: Monday – Thursday 7:15 a.m. – 4:15 p.m.
- **TCS**: Monday – Thursday 7:30 a.m. – 4:00 p.m.
- **NSTRU**: Monday – Thursday 7:30 a.m. – 4:00 p.m.
- **MED**: Monday – Thursday 7:30 a.m. – 4:15 p.m.
- **MOAC**: Monday – Thursday 7:30 a.m. – 4:15 p.m.
- **PMM**: Monday – Thursday 7:00 a.m. – 3:30 p.m.
- **WLD**: Monday – Thursday 7:30 a.m. – 4:00 p.m.
- **Evening Classes**: Monday – Friday 4:30 p.m. – 10:00 p.m.
- **Variable Saturdays**: 9:00 a.m. – 5:00 p.m.

INSTRUCTOR NOTIFICATION

Students are required to notify the instructor before the scheduled start time each day they are absent or late. Failure to notify the instructor on the day of a tardy will result in a written advising (1st occurrence), and probation (2nd occurrence). Failure to notify the instructor on the day of an absence will result in immediate probation.

If a student fails to notify the instructor of an absence or tardy, the instructor is responsible to reach out to the student by the first scheduled break time (via phone and/or email). Once the instructor has made an attempt to contact the student, the instructor notifies the Attendance Coordinator and the assigned dean. If the student has not shown up for class or contacted the instructor by the scheduled lunchtime, the assigned dean contacts the emergency contact. The student will be dismissed after three consecutive days of unexcused absences without notification.

CLOCKING IN

Students are required to clock in each day when arriving and clock out when leaving, at any given time of the day, other than at stated break periods. Student attendance is recorded by using an electronic time management system. The time displayed on the time clock is the time that will be accounted for. Students are provided with an ID number and scan card. The cost to replace the ID scan card is $5. Note: If the scanner does not read a card, the student is required to manually punch in his/her assigned student ID number.

POINTS

If a student misses up to three hours of scheduled class time in a day, the student will accrue one point. If a student misses more than three hours of scheduled class time in a day, the student will accrue three points. Once a student has accrued eight or more points in a term, the student is placed on attendance probation for the remainder of the term. If a student amasses additional points while on attendance probation, he or she may be subject to immediate dismissal.

Students are limited to two one-point infractions in a month. For example, if a student misses one hour of scheduled class time (accruing one point) on the 16th day of a given month, the student will only be allowed one more one-point infraction until the 16th day of the following month. At the third one-point infraction in a month, the student will be placed on probation for one month or the end of the term, whichever comes first, and may not accrue any points during the probation period. If additional points are amassed during that month, the student’s probation will be extended to the end of the term. Any points accumulated after the probation has been extended may result in immediate dismissal.

If a student misses scheduled class time without clocking out, the student’s instructor will notify the Attendance Coordinator, who will document the missed time.

CLASS CUT

Defined as not being present during scheduled class time at other than stated break periods, or leaving class prior to the end of the scheduled instruction period without instructor permission. This will result in immediate probation.

Following three consecutive days of absences without notification, a student will be dismissed.

Scanning or keying another student’s card/ID number will result in dismissal of all parties involved. Grades, financial aid and other agencies sponsoring students are dependent on accurate records of attendance.

EMERGENCY ABSENCE

An emergency absence is defined as an officially excused period of time, while maintaining the status of student. An emergency absence request must consist of two (2) or more school days and must meet one of the following conditions:

1. Military service
2. Medical restriction
3. Funeral for immediate family member
4. ER visit for student or immediate family member

An emergency absence request will not be granted for failure to make satisfactory academic progress.

A request for emergency absence must be made to the Dean/Associate Dean of Education, or time away from school will be subject to point accrual. The written request to the Dean of Education must include dated third-party verification of the reason for the emergency absence as well as a typed letter outlining the reason for the request. The Financial Aid Office will be notified immediately when the student is granted an emergency absence. An emergency absence will be for a maximum of 16 school days. Failure to return to class following the emergency absence may result in dismissal. Emergency absence requests must be submitted within five school days of returning to class. Only one emergency absence may be granted per term for each student.

PREGNANT STUDENTS

Perry Technical Institute is committed to creating and maintaining a community where all individuals enjoy freedom from discrimination, including discrimination on the basis of sex, as mandated by Title IX of the Education Amendments of 1972 (Title IX).

Perry Technical Institute will not discriminate against any student, or exclude any student from its education program or activity, including any class or extracurricular activity, on the basis of such student’s pregnancy, childbirth, false pregnancy, termination of pregnancy, or recovery therefrom. In accordance with Title IX, Perry Technical Institute will grant a pregnant student leave for the length of time deemed medically necessary by the student’s physician.
To the extent possible, Perry Technical Institute will take reasonable steps to ensure that pregnant students who take a leave of absence or medical leave return to the same educational status the student held prior to withdrawing. Pregnant students are encouraged to discuss their circumstances with their department head by the sixth month of pregnancy to discuss options for academic success, which may include make-up work (as described below) or emergency absence.

Students with pregnancy-related disabilities, like any student with a short-term or temporary disability, are entitled to reasonable accommodations so that they will not be disadvantaged in their program of study. Students who wish to discuss their need for such accommodations should seek assistance from the Title IX Coordinator.

MAKE-UP WORK
Make-up work will be available for the following reasons: medical emergency, military leave, or other approved family crisis. To request make-up work, the student must provide the instructor with third-party verification of the reason.

The following types of make-up work are allowed: textbook assignments, quizzes, tests, projects, and lab work.

CLOCK HOUR/CREDIT HOUR CONVERSION SYSTEM
A clock hour is defined as 50 minutes of instruction in a 60-minute period of time. A credit hour is defined as an amount of work represented in intended learning outcomes and verified by evidence of student achievement for academic activities as established by the institution comprised of the following units: didactic learning environment; supervised laboratory setting of instruction; externship; and out-of-class work/preparation.

One quarter credit hour equals 30 units comprised of the following activities:

- One clock hour in a didactic learning environment = 2 units
- One clock hour in a supervised laboratory setting of instruction = 1.5 units
- One hour of externship = 1 unit
- One hour of out-of-class work and/or preparation for the didactic learning environment or supervised laboratory setting of instruction that are designed to measure the student’s achieved competency relative to the required subject matter objectives = 0.5 units.

For financial aid purposes, the above conversion factors do not apply.

COURSE IDENTIFICATION SYSTEM
Courses have titles represented by letters and numbers. The first few letters refer to the program, and the first number of the following three numbers represents the year. Note: Course crossover may occur in some programs.

LETTERING SYSTEM

Addendum: pg. 10

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AET</td>
<td>Agricultural Equipment Technician</td>
</tr>
<tr>
<td>AU</td>
<td>Automotive Technology</td>
</tr>
<tr>
<td>BTA</td>
<td>Business Technology &amp; Accounting</td>
</tr>
<tr>
<td>CST</td>
<td>Construction</td>
</tr>
<tr>
<td>ET</td>
<td>Electrical Technology</td>
</tr>
<tr>
<td>IN</td>
<td>Instrumentation &amp; Industrial Automation Technology</td>
</tr>
<tr>
<td>ITC</td>
<td>Information Technology &amp; Communication Systems</td>
</tr>
<tr>
<td>PM</td>
<td>Precision Machining &amp; Manufacturing</td>
</tr>
</tbody>
</table>

STANDARDS OF PROGRESS POLICY

The progress or grading system by which a student will be evaluated is as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
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<tr>
<td>A-</td>
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<tr>
<td>B+</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
</tr>
<tr>
<td>C-</td>
<td>1.7</td>
</tr>
<tr>
<td>D+</td>
<td>1.3</td>
</tr>
<tr>
<td>D</td>
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<td>0.7</td>
</tr>
<tr>
<td>F</td>
<td>0.0</td>
</tr>
<tr>
<td>P/F</td>
<td></td>
</tr>
<tr>
<td>I</td>
<td></td>
</tr>
<tr>
<td>W</td>
<td></td>
</tr>
<tr>
<td>AW</td>
<td></td>
</tr>
</tbody>
</table>

An incomplete grade will revert to a failing grade if it is not completed by the end of the term. Only in the case of an emergency absence will an incomplete be carried into the next term.

Students may view their grades or print an unofficial transcript through my.perrytech.edu at any time. A copy is sent to the student’s counselor (if applicable) at the end of each term and the documentation is maintained in the school’s database.

GRADE APPEAL POLICY

A student who wishes to appeal a grade, must submit a letter to the Dean of Education within 10 business days of the completed term. The letter must describe any and all circumstances deserving further consideration. The burden of proof in an appeal lies with the student. The Dean of Education will convene an appeal committee consisting of the department head, instructor, and a designated representative of the school in order to review the appeal. The student will be notified within one week of the official appeal decision.

SATISFACTORY ACADEMIC PROGRESS

Satisfactory Academic Progress is defined as completing each quarter with a minimum term GPA of 2.0, and the minimum grades established for each subject within the department. The student must make Satisfactory Academic Progress in order to remain eligible for continuous enrollment under regular student status. Students who are at risk of failing to make Satisfactory Academic Progress will be placed on advising and/or probation. A student is graded not only on test scores and homework, but also on participation in class, attendance, performance in lab, and conduct.

Students must: Complete each quarter with a minimum GPA of 2.0, and the minimum grades established for each subject within the department.

DISCIPLINARY HIERARCHY

Faculty members will regularly monitor their students’ performance in class and provide advising as necessary or requested. If a student has not met the criteria of satisfactory progress in the areas of conduct, attendance, or academics at any point during the term, the following hierarchy will be observed when applicable:
1. Verbal warning
2. Advising
3. Probation
4. Last Chance Agreement*

A student is encouraged to meet regularly with his or her instructor while on probation. A copy of the signed document will be given to the student, the program counselor (if applicable), the Financial Aid Office, and the original will be filed in the student’s file. While on probation, a student remains eligible to receive Title IV funding. If the student has not achieved satisfactory academic progress by the end of the probation term, he/she may be dismissed.

The school reserves the right to dismiss students who have exceeded three probations. Financial aid programs do not typically pay for repeated terms.

*Receiving three probations during the duration of a training program will result in a last chance agreement. Once a student is placed on a last chance agreement, any subsequent probations will result in immediate dismissal from the program. Should the student pursue re-enrollment, the last chance agreement will remain in effect.

REPEATING QUARTERS
A student failing to successfully complete the quarter may petition to repeat the quarter. Upon successful completion of the repeated quarter, the student will be granted the grade for the quarter successfully completed in lieu of the previous grade.

No student will be allowed to repeat quarters that result in a total time of enrollment exceeding 1.5 times the specified time for the program. Repeating quarters may affect financial aid eligibility.

All failures requiring the retake of courses will be charged the current academic year quarterly rate.

ACADEMIC FORGIVENESS
Students who have interrupted their attendance at Perry Technical Institute and changed academic programs may petition for Academic Forgiveness. Students must wait two years from the completion date of the terms they wish to have forgiven, and have completed 50% of their new program with a minimum cumulative GPA of 3.0 to be eligible. Grades previously earned will still appear on the transcript, but will no longer be included in the grade point average calculation. Students who wish to petition for Academic Forgiveness should submit an Academic Forgiveness Request form to the Registrar’s Office.

TRANSFER/CHANGE OF PROGRAM
Students wishing to change the program they are enrolled in must complete a new enrollment application, and may be required to retest and meet with the Dean of their new program. Admission requirements for the new program the student wishes to pursue will apply. Failure to complete a term with satisfactory academic progress may affect financial aid eligibility. Transfer students will not be given preferred status, and enrollment in a different program is available on a first-come, first-served basis.

Please see the Transfer of Credit policy regarding transferring credits outside the institution.

GRADUATION REQUIREMENTS

1. Completion of:
   - 72.0 credit hours for Agricultural Equipment Technician
   - 76.5 credit hours for Automotive Technology
   - 72.0 credit hours for Construction
   - 116.0 credit hours for Business Technology & Accounting
   - 172.5 credit hours for Electrical Technology
   - 169.0 credit hours for Heating, Ventilation, Air Conditioning & Refrigeration Technology
   - 160.5 credit hours for Information Technology & Communication Systems
   - 159.0 credit hours for Instrumentation & Industrial Automation Technology
   - 74.5 credit hours for Medical Assistant
   - 77.0 credit hours for Medical Office Administration & Coding
   - 75.0 credit hours for Precision Machining & Manufacturing
   - 74.5 credit hours for Welding Technology
2. Maintain satisfactory progress with a minimum grade point average of 2.0
3. Maintain satisfactory attendance record
4. Maintain proper student conduct
5. Full payment or satisfactory arrangement to fulfill all financial obligations

CREDENTIALS AWARDED

Business Technology & Accounting students who satisfactorily complete their course of training are granted Associate of Applied Science degrees. Students in all other programs who satisfactorily complete training are granted Certificates of Completion.

TRANSCRIPTS

Students who would like physical copies of transcripts may request up to three copies at a time at no cost. Transcripts in excess of that limit will be charged $3 for each additional unofficial transcript and $10 for each additional official transcript. Unofficial transcripts are available free of charge at my.perrytech.edu.

CONDUCT AND DISCIPLINARY PROCEDURES AND POLICIES

CONDUCT STANDARDS

Admission to Perry Technical Institute carries with it the expectation that students will conduct themselves as responsible members of the school community, that they will comply with the rules and regulations of the institution, maintain high standards of integrity and honesty, respect the rights, privileges, and property of other members of the school community, and will not interfere with legitimate Perry Technical Institute affairs.

Perry Technical Institute maintains the right to make and enforce rules for conduct. This includes the right to dismiss at any time a student whose conduct, academic standing, or health is such that the Administration believes it undesirable for that student to continue at Perry Technical Institute.

A student policy handbook is provided to all new students the first day of class. The booklet provides a complete statement of the policies and procedures and describes student rights and responsibilities which govern students attending Perry Technical Institute, including any disputes involving the school, its faculty or staff, and the student.
TERMINATION OF ENROLLMENT

WITHDRAWAL
Students who voluntarily withdraw from school must complete a Withdrawal Form and have it signed by specified school officials in order to officially close their records. Withdrawal forms are available from the Dean of Education.

ADMINISTRATIVE WITHDRAWAL
A student withdrawing from Perry Technical Institute due to circumstances outside their control may be eligible for an Administrative Withdrawal. Grades for Administrative Withdrawals will not be included in calculating the student’s term or career grade point average. A student’s eligibility for an Administrative Withdrawal will be determined by the Dean of Education at the time of the student’s termination of enrollment. A student approved for an Administrative Withdrawal will be assigned a grade of AW.

DISMISSAL
The school reserves the right to dismiss students for any of the following reasons:

1. Violation of probation
2. Violation of a last chance agreement
3. Exceeding three probations
4. Three consecutive days of unexcused absences without notification
5. Scanning or keying another student’s card/ID number for attendance
6. Aggressive, harassing, or discriminatory acts against other students or employees
7. Failure to pay tuition, fees, books, or tools
8. Failure to meet Satisfactory Academic Progress (SAP)
9. Failure to follow school procedures and policies
10. Acts of theft or dishonesty
11. Failure to comply with safety regulations
12. Malicious damage to school property
13. Insubordinate acts against staff or other Perry Technical Institute employees
14. Drug/alcohol abuse
15. Disruption of the learning environment

The Dean/Associate Dean of Education will conduct a full hearing of the facts and make a recommendation to the President. The authority to dismiss a student is vested in the President and the President’s decision following a review of the facts is final. In the event of the President’s absence, the authority to dismiss a student is vested in the Dean of Education.

After terminating enrollment, students will not be allowed back into the classroom or lab area for forgotten items without permission from the Dean of Education.

APPEAL PROCEDURE
A student who has been dismissed and wishes to appeal that decision must submit a letter to the school President within three business days of the dismissal. The letter must describe any and all circumstances deserving of further consideration. The President will convene an appeal committee consisting of the Department Head, instructor, and designated representatives of the school in order to review the appeal. The student will be notified within one week of the official appeal decision.

RE-ENROLLMENT
Students intending to re-enroll after withdrawing or being dismissed from Perry Technical Institute are required to write a letter addressed to the appropriate Dean that clearly states the following:

1. The reason for termination
2. The actions taken during the termination period to resolve the problem
3. His/her plan to successfully complete the program

ANTI-HARASSMENT POLICY
As a part of continuing efforts by Perry Technical Institute to prevent unlawful discrimination, and pursuant to guidelines issued by the Equal Employment Opportunity Commission and the Washington Human Rights Commission, the school endorses the following policy.

All are reminded that each student is at all times to be treated courteously by fellow students, so that he or she is free from harassment or interference.

Harassment is defined as unwelcome or unsolicited verbal, physical or sexual conduct which creates an intimidating, offensive, or hostile environment. Examples of what may be considered harassment, depending on the circumstances, are (but are not limited to):

- Questions or comments that unnecessarily infringe on personal privacy or offensive, sexist, off-color or sexual remarks, jokes, slurs or propositions or comments that disparage a person or group on the basis of race, color, age (40 and over), sex, sexual orientation, pregnancy, gender or gender identity, creed, disability, religion, national origin, ethnic background, military service, or citizenship.
- Derogatory or suggestive posters, cartoons, photographs, calendars, graffiti, drawings, other materials, electronic mail, or gestures.
- Inappropriate touching, hitting, pushing, or other aggressive physical contact or threats to take such action.
- Tampering with another student’s work, lab or workspace.

PTI will promptly investigate all charges of violation of this policy. The confidentiality of the person reporting violations will be respected so far as practical in conducting an investigation of such claims. There will absolutely be no retaliation against persons filing such complaints.

NON-FRATERNIZATION POLICY
Students should be assured that the relationships they develop with the PTI community will always be built upon the highest ethical precepts of the workplace and educational profession.

In order to promote the efficient and fair operation of Perry Technical Institute and to avoid misunderstandings, complaints of favoritism, supervision problems, security problems, morale problems, questions regarding academic achievement and possible claims of sexual harassment, students are strictly prohibited from fraternizing with employees, including but not limited to:

- Dating
- Pursuit to date
- Romantic or sexual relationships with PTI employees (staff or faculty)
- Monetary transactions of any kind
Sexual harassment may be disciplined when it take the form of quid pro quo (this for that) harassment, retaliatory harassment, and/or creates a hostile environment.

A hostile environment is created when sexual harassment is:

- Severe, or
- Persistent or pervasive, and
- Unreasonably interferes with, denies or limits someone's ability to participate in or benefit from PTI's education program or employment

Quid Pro Quo Sexual Harassment:

Unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature by a person having power or authority over another constitutes sexual harassment when submission to such sexual conduct is made (either explicitly or implicitly) a term or condition of rating or evaluating an individual's educational development or performance.

Some examples of sexual harassment include, but are not limited to:
- Unwanted sexual advances
- Offering benefits in exchange for sexual favors
- Making threatening reprisals after a negative response to sexual advances
- Visual conduct such as leering, making sexual gestures, or displaying sexually suggestive objects, pictures, cartoons, posters, or electronic mail
- Verbal conduct such as making derogatory comments, epithets, slurs, sexually explicit jokes, or comments about an individual's body, dress, gender, sexual orientation or gender identity, sexual innuendo, or gossip about sexual relations
- Verbal sexual advances or propositions
- Verbal abuse of a sexual nature, graphic verbal commentary about an individual's body, sexually degrading words to describe an individual, or suggestive or obscene letters, invitations, notes, e-mails, or text messages.
- Physical conduct such as touching, assault, or impeding or blocking movement
- Cyber harassment, including but not limited to disseminating information, photos, or video of a sexual nature without consent
- Retaliation for reporting harassment or threatening to report harassment
- Sexual assault, domestic violence, dating violence, and stalking

Any student, who believes he/she has experienced such conduct by anyone is encouraged to tell the offender that such conduct is unwelcome and unacceptable. If the offensive behavior does not stop, or if the student is uncomfortable confronting the offender, the student must immediately report such conduct to an instructor or to the Title IX Coordinator.

Sexual Misconduct

Perry Technical Institute views sex or gender based discrimination as sexual misconduct, and violations of this policy may result in sanctions. Generally speaking, Perry Technical Institute considers non-consensual sexual intercourse violations to be the most serious of the offenses and the most severe penalties may be imposed, including suspension or expulsion for students and termination for employees.
Consent defined by Washington State law means that at the time of the act of sexual intercourse or sexual contact there are actual words or conduct indicating freely given agreement to have sexual intercourse or sexual contact (RCW 9A.44.010). Sexual intercourse or sexual contact without consent is considered sexual assault and will be treated by PTI as sexual misconduct, treated with all seriousness by the school, and may be subject to criminal proceedings. Acts of sexual misconduct may be committed by any person upon any other person, regardless of the sex, sexual orientation and/or gender identity of those involved. Violations include:

- Sexual Harassment as defined above
- Non-Consensual Sexual Intercourse
  Defined as: Any sexual intercourse, however slight, with any object, by a person upon another person that is without consent and/or by force. Sexual intercourse includes vaginal or anal penetration by a penis, tongue, finger or object, or oral copulation (mouth to genital contact) no matter how slight the penetration or contact.
- Non-Consensual Sexual Contact
  Defined as: Any intentional sexual touching, however slight, with any object, by a person upon another person that is without consent and/or by force.
- Sexual touching includes intentional contact with the breasts, groin or genitals, or mouth; touching another with any of these body parts, or making another touch you or themselves with or on any of these body parts; or any other bodily contact in a sexual manner.

Reporting
Perry Technical Institute encourages reports of unwelcome conduct of a sexual nature. PTI wants to resolve all problems, but it can only do so if it is aware of them. All Perry Technical Institute employees are considered mandatory reporters, and must share information they have related to any Title IX or sexual misconduct policy violations. Furthermore, we encourage any student who believes he/she is being harassed or has been subject to sexual misconduct to report any and all incidents of perceived harassment or sexual misconduct. If at any time you observe harassment or feel you are being harassed or if you observe sexual misconduct or feel you are a victim, you should immediately contact the Title IX Coordinator.

The school’s Title IX Coordinator oversees compliance with all aspects of the sex/gender harassment, discrimination and misconduct policy. The Coordinator reports to the President, and is housed in the main building. Questions about this policy should be directed to the Title IX Coordinator. Anyone wishing to make a report relating to discrimination or harassment may do so by reporting the concern to the Title IX Coordinator:

Title IX Coordinator/Director of Institutional Effectiveness
Perry Technical Institute
509.895.5751
titleix@perrytech.edu

Additionally, anonymous reports can be made by victims and/or third parties using the online reporting form posted at perrytech.edu/students/security, or the Crime Stoppers reporting hotline: text “perry + your message” to CRIMES (274637). Note that these anonymous reports may prompt a need for the institution to investigate. In cases of alleged sexual assault, harassment, etc., victims who come forward to report the incident, and who may have consumed alcohol or drugs will not be subject to the PTI Drug-Free and Alcohol-Free Campus and Workplace Policy for that consumption.

Privacy
Perry Technical Institute has a legal obligation to investigate complaints and to take reasonable steps to prevent ongoing harassment, discrimination, sexual misconduct, and related retaliation. While we cannot guarantee complete confidentiality, all aspects of the complaint-handling procedure will be dealt with discreetly. However, it may be necessary to include others on a strict need-to-know basis. Students who wish to maintain confidentiality are encouraged to access support through the resources below:

- Aspen Victim Advocacy Services Hotline 509.452.9675
- Comprehensive Healthcare 509.575.4084
- Lower Valley Crisis and Support 509.837.6689
- Neighborhood Health Services 509.454.4143
- Rape Crisis and Victim Services Hotline 817.927.2737
- YWCA 509.248.7796
- Yakima County Sexual Assault 509.575.4200 or Resource Center 24-hour line 800.572.8122
- Yakima Sexual Assault Unit Hotline 509.452.9675

Retaliation
PTI prohibits retaliation against any student who complains of sexual harassment or who participates in an investigation. All aspects of the complaint-handling procedure will be dealt with discreetly. However, it may be necessary to include others on a need-to-know basis. All incidents of prohibited harassment that are reported will be investigated. The Title IX Coordinator will immediately undertake or direct an effective, thorough, and objective investigation of the harassment allegations. The investigation will be completed as soon as practical and a determination regarding the reported harassment will be made and communicated to the student who complained and to the accused harasser. If a complaint of prohibited harassment is substantiated, appropriate corrective action, up to and including dismissal, will be taken. Appropriate action will also be taken to correct the effects of the harassment and to deter any future harassment.

DISABILITY ACCOMMODATIONS
It is the policy of Perry Technical Institute (PTI) to comply with all federal and state laws concerning facility access and the education of qualified individuals with disabilities. PTI will provide reasonable accommodations to students if the school is notified that a student with a disability requires an accommodation in order to pursue or continue training at Perry Technical Institute. An accommodation is not intended to lower or to substantially modify a course of study or its standards or expectations. PTI will work with the student to reasonably accommodate him or her so that he or she can learn in the classroom and lab settings, unless the accommodation causes undue hardship, fundamentally alters the program or course of study or causes undue financial burdens.

Contact the Learning Resources and Exam Center Manager with any questions or requests for accommodation, by email ada@perrytech.edu, or by phone 509-453-0374. Information related to an accommodation request will be treated as confidential, except that: a) faculty and department heads may be informed, on a need-to-know basis, regarding necessary restrictions on the work or assignments of the student and any necessary accommodations, b) first aid and safety personnel may be informed, when appropriate, if the disability might require emergency treatment, c) government
officials investigating compliance with the Americans with Disabilities Act shall be provided relevant information on request. The Learning Resource and Exam Center Manager may require professional documentation to support a request for certain accommodations.

**ADA Grievance Procedure**

Perry Technical Institute prohibits discrimination on the basis of disability for faculty, staff, students and visitors. Perry Technical Institute has adopted an internal grievance procedure providing for prompt and equitable resolution of complaints by any member of the Perry Technical Institute community.

The procedure can be viewed on our website at www.perrytech.edu/cabinet/data/PTI_ADA-Section_504_Grievance_Procedure.pdf. Any applicant, student, staff, faculty and visitor who believes she or he has been subjected to discrimination on the basis of disability (or is unsatisfied with accommodations provided) may provide a grievance under this procedure.

Emily Jameson Dubow, Director of Institutional Effectiveness, has been designated to coordinate the efforts of Perry Technical Institute to comply with Section 504 and the ADA for students. She can be reached by phone at 509.453.0374 x5751, and by email at emily.jameson@perrytech.edu.

**Service And Emotional Support Animal Policy**

Service animals, as defined by the Americans with Disabilities Act (ADA), are dogs or miniature horses individually trained to do work or perform specific tasks for the benefit of a person with a disability. Examples of such work or tasks include guiding people who are blind, alerting people who are deaf, pulling a wheelchair, responding to and protecting a person who is having a seizure, or performing other duties.

Service animals are working animals, not pets. The work or task a service animal has been trained to provide must be directly related to the person’s disability. Animals whose sole function is to provide comfort or emotional support do not qualify as service animals under the ADA guidelines and are not permitted on Perry Tech’s campus.

Service Animals must be housebroken, must be clean and well cared for, and must remain on-lease and under the control of the handler at all times. If the service animal is out of control, or demonstrates a direct threat to the safety and health of any member of the campus community or PTI property, the school reserves the right to remove the service animal. The handler will be held responsible for any damage to Perry Technical Institute property or facilities.

To request a Service Animal accommodation, see the Learning Resources and Exam Center Manager. Any questions or concerns regarding Service Animals on campus should be raised with the Garet Gasseling, the Learning Resources and Exam Center Manager or Emily Jameson Dubow, the ADA/504 Coordinator for students.

**DRUG-FREE AND ALCOHOL-FREE CAMPUS AND WORKPLACE**

Addendum: pg. 1-2

In accordance with federal law, Perry Technical Institute has adopted Drug-Free and Alcohol-Free Campus and Workplace Policy. Perry Technical Institute recognizes that students and employees have a right to a safe and secure campus and workplace and has implemented a drug and alcohol abuse prevention assistance program. Furthermore, Perry Technical Institute recognizes that employers who hire students from its programs demand employees who are drug free. PTI has adopted this policy to encourage students to develop a healthy lifestyle and to ensure that graduates are able to meet the demands of employers.

**Standards of conduct regarding drugs and alcohol**

The unlawful manufacture, distribution, dispensing, possession or use of any federally banned substance; prescribed medical drugs that were unlawfully obtained or are being unlawfully or abusively used; drug-related paraphernalia; or being under the influence of controlled substances are prohibited at Perry Technical Institute, in the workplace, on campus, while engaging in school business, and at any activities sponsored by Perry Technical Institute. Returning or arriving to school after consuming drugs or alcohol is prohibited and will result in immediate dismissal.

Any student who is taking a drug or medication, whether or not prescribed by the student’s physician, which may adversely affect that student’s ability to perform work in a safe or productive manner is required to report such use of medication to his/her instructor or Department Head. This includes drugs known or advertised as possibly affecting judgment, coordination, or any of the senses, including those which may cause drowsiness or dizziness. A doctor, dentist, or druggist will determine whether the student can remain at school and whether any work restrictions are necessary. The instructor may request such assistance as he/she desires in making the determination.

**Health risks**

Short-term and long-term effects of drug use vary for the specific drugs, but the following nonexclusive list of health risks have been identified with the use and abuse of illicit drugs and alcohol: confusion, lack of coordination, memory loss, depression, fetal alcohol syndrome, problem pregnancies, sclerosis, circulatory problems, insomnia, heart failure, respiratory arrest, cardiac arrest, seizures, coma, anxiety, paranoia, irritability, fatigue, mental illness, and death.

**Institute sanctions**

The Institute will conduct drug and/or alcohol testing under any of the following circumstances:

**Random testing**

Students may be selected at random for drug and/or alcohol testing at any interval determined by the Institute. Any student who enrolls at Perry Technical Institute gives consent to random drug tests as a condition of his or her enrollment and continued enrollment at Perry Technical Institute.

**For-cause testing**

The Institute may ask a student to submit to a drug and/or alcohol test at any time it feels that the student may be under the influence of drugs or alcohol, including, but not limited to, the following circumstances: evidence of drugs or alcohol on or about the student’s person or in the student’s vicinity, unusual conduct on the student’s part that suggests impairment or influence of drugs or alcohol, negative performance patterns, or excessive and unexplained absenteeism or tardiness.

**Post-accident testing**

Any student involved in a training-related accident or injury under circumstances that suggest possible use or influence of drugs or alcohol in the accident or injury event will be asked to submit to a drug and/or alcohol test. “Involved in a training-related accident or injury” means not only the one who was or could have been injured, but also any student who potentially contributed to the accident or injury event in any way.
A student will be presumed under the influence of an illegal controlled substance upon any positive finding from a random drug test or reasonable cause drug test given under this policy. Drug testing will be by mass spectrometer test on Perry Technical Institute time and expense by a certified, creditable laboratory or medical facility prescribed by the Institute. Random drug test collection will be conducted on the Perry Technical Institute campus with a minimal disruption to class time. Failure to take a drug test, producing a collected sample, or producing a dilute test will result in a positive test result. A positive test result may result in the imposition of sanctions up to and including, but not limited to, suspension and/or dismissal. A student who has been deemed to be under-the-influence may not operate any vehicle on company property or a public roadway. If the student insists on driving, PTI administration will contact law enforcement and report the infraction.

If a student has violated the Drug-Free and Alcohol-Free Campus and Workplace Policy, the Institute may take disciplinary action including, but not limited to, suspension and/or dismissal. PTI may elect to require the student to satisfactorily participate in drug abuse assistance or rehabilitation program approved for such purpose by federal, state or local health, law enforcement, or other appropriate agency.

Any student convicted of any criminal drug statute violation occurring in the workplace, during school hours, or while engaged in Institute business, must notify the President or Dean of Education no later than five days after such conviction.

Legal sanctions
In addition to sanctions imposed by the Institute, drug and/or alcohol violations may be referred to the appropriate external authorities. This may result in arrest and conviction under applicable criminal laws of the United States, the State of Washington, or local municipalities. Violations as specified above may result in penalties ranging from fines through imprisonment.

Available assistance treatment programs
Alcoholism and drug dependency are defined as illnesses that may interfere with a student’s ability to perform assigned work satisfactorily or that adversely affect classroom behavior. Students are encouraged to voluntarily seek expert assistance for alcoholism, alcohol abuse, or drug dependency. Assistance is available through a variety of professional resources in the community.

Community resources include:

Barth Clinic 509.457.5653
Comprehensive Healthcare 509.248.1200
Department of Social & Health Services 877.301.4557
Merit Resources 509.469.9366
Neighborhood Health Services 509.454.4143
Sundown M Ranch 509.457.0990
Triumph Treatment Services 509.248.1800
Yakima Health District 509.575.4040
Yakima Valley Farm Workers Clinic - Behavioral Health Services 509.453.1344
Yakima Valley Vet Center 509.457.2736

SMOKING/TOBACCO PRODUCTS
Due to the acknowledged hazards from exposure to environmental tobacco smoke, it is the policy of Perry Technical Institute to provide a tobacco-free environment for all students, employees, and visitors. Smoking and other forms of tobacco use are permitted in designated areas only. The designated areas are located at the northeast and northwest ends of campus and the southwest corner of the Medical Annex. This policy covers the smoking of any tobacco product, electronic cigarettes and the use of smokeless or “spit” tobacco.

WEAPONS AND VIOLENCE POLICY
In order to maintain a safe and secure campus, the possession, use, or threatened use of firearms (including but not limited to martial arts weapons, BB guns, air guns, and paint guns), ammunition, dangerous chemicals, explosives of any kind, or other weapons is strictly prohibited while on school property, and while engaging in school-related work or activities on or off campus. Violation of these safety regulations will result in disciplinary action.

Fixed blades are not allowed. Folding knives with a blade of three inches or less are allowed only as a tool in keeping with the industry standards of the training you are pursuing. Blades longer than three inches are not allowed under any circumstances.

Misuse of personal defense devices (such as pepper spray) is prohibited. The owner is responsible and will be held accountable for any misuse of these devices.

Violence or threats of violence are strictly prohibited. Any threat of violence or harm to students or employees should be reported immediately to your instructor, the Deans of Education, or the Director of Facilities & Safety. The incident should be reported even if you think the threat is a joke. Any act of violence or threat will be subject to discipline and may result in legal action.

Crime Stoppers:
To anonymously report information regarding a security threat or a crime on Perry Technical Institute campus, text “Perry – plus your message” to CRIMES (274637).

STUDENT COMPLAINT/GRIEVANCE PROCEDURE
Perry Technical Institute utilizes policies and procedures for handling student complaints and informs the students in writing of them. When a student has a complaint, he/she is encouraged to follow the chain of command and communicate informally first with the instructor, then the Department Head, and then the Dean/Associate Dean of Education. If the student is still unsatisfied, he/she is asked to file a PTI Complaint Form at the President’s Office and then encouraged to make an appointment with the President for further discussion and action.

A student may consider contacting the Workforce Training and Education Coordinating Board. Contact information for the Workforce Training and Education Coordinating Board is as follows:

Workforce Training and Education Coordinating Board
128 Tenth Ave. SW
PO Box 43105
Olympia, WA 98504-3105
360.709.4600
workforce@wtb.wa.gov
More information can be obtained by referencing RCW’s Title 28C > Chapter 28C.10 or 28C.10.084 (10) and 28C.10.120 or WACs > Title 490 > Chapter 490-105 > Section 490-105-180

Perry Technical Institute is accredited by the Accrediting Commission of Career Schools and Colleges and uses the process described above for handling student complaints. If a student does not feel that the school has adequately addressed a complaint or concern, the student may consider contacting the Accrediting Commission. All complaints reviewed by the Commission must be in written form and should grant permission for the Commission to forward a copy of the complaint to the school for a response. This can be accomplished by filing the ACCSC Complaint Form. The complainant(s) will be kept informed as to the status of the complaint as well as the final resolution by the Commission. Please direct all inquiries to:

Accrediting Commission of Career Schools and Colleges
2101 Wilson Boulevard, Suite 302
Arlington, VA 22201
703.247.4212
www.accsc.org

A copy of the ACCSC Complaint Form is available at the school and may be obtained by contacting the Institutional Effectiveness Office or online at www.accsc.org/student-corner/complaints.aspx.

student services

ADVISING & COUNSELING
Career advising is available through instructors or Career Services. Career Services may be reached by phone at 509.453.0374 or in person in the Learning Resource Center.

Academic, attendance, and conduct advising is provided in tandem by the instructor, department head, and assigned program dean. Students in need of personal counseling may request services through their assigned dean.

FIRST AID/CPR TRAINING
Students are required to obtain a two-year First Aid, CPR, Blood Borne Pathogens, and Automated External Defibrillator certification. Perry Technical Institute offers the certification class on campus. This certification is mandatory and a fee will be applied to the student’s account when applicable.

JOB PLACEMENT
The school does not guarantee placement upon completion of a training program. However, Perry Technical Institute offers continuous career services to its graduates and current students to provide assistance with:

1. Job search planning and implementation
2. Resume and cover letter preparation
3. Mock interviews
4. Locating job advertisements
5. Coordination of company interviews on campus

The Career Services Office may be contacted for more information or to schedule an appointment to receive assistance.

STUDENT ACCIDENT INSURANCE
Perry Technical Institute requires each enrolled student to participate in the school’s Student Accident Insurance which covers accidents that occur during on-campus training-related activities, off-campus training-related field work, and unpaid externships. The Student Accident Insurance is mandatory and the fee will be applied to the student’s account each term. Information about Student Accident Insurance and claim forms are available through the Facilities & Safety Office.

LEARNING RESOURCE SYSTEM
The school’s Learning Resource System materials are integrated into the school’s curriculum and program requirements as a mechanism to enhance the educational process and to facilitate positive learning outcomes for students. Perry Technical Institute provides learning resource materials that are commensurate with the level of education provided and appropriate to the courses of study in sufficient quantity and scope to meet the educational objectives of each program. Perry Technical Institute has a partnership with the Yakima Valley Libraries which provides Perry students with 24/7 access to a complete collection of online libraries and databases. In addition, the library offers computers, books, internet/WIFI access, and research assistance. Students will be required to obtain a Yakima Valley Library Card upon enrollment. Students will be trained to locate and use information through the learning resource system.

The PTI Learning Resource Center is located off the Michael G. Smith Hallway. Hours of operation are Monday, 6:30 a.m. to 7:00 p.m. and Tuesday through Thursday, 6:30 a.m. to 6:00 p.m. (excluding school closures and holidays).

veterans affairs

VETERAN EDUCATION BENEFITS
Perry Technical Institute qualifies for all chapters of veteran’s aid. Selected programs of study at Perry Technical Institute are approved by the Workforce Training and Education Coordinating Board’s State Approving Agency (WTECB/SAA) for enrollment of those eligible to receive benefits under Title 38 and Title 10, USC.

Perry Technical Institute does not and will not provide any commission, bonus, or other incentive payment based directly or indirectly on success in securing enrollment or financial aid to any persons or entities engaged in any student recruiting or admissions activities or in making decisions regarding the awarding of student financial assistance.

To apply for benefits, you may apply online at http://gibill.va.gov/. Return proof of application to the School Certifying Official along with a copy of your DD Form 214. You must also provide copies of transcripts from any other post-secondary institutions that you have attended, and obtain a copy of your Joint Services Military Transcript or Air Force Transcript. Upon completing the enrollment requirements and furnishing required documents for VA files, the School Certifying Official will certify school enrollment to the VA.

MILITARY ACTIVE DUTY POLICY
1. A student or military dependent leaving for active duty or due to relocation related to military service during an academic term will receive an Incomplete.
2. The student should request to resume academic work within six months of returning from active duty or relocating back to the area.
3. The school will place the student in the earliest possible enrollment period.
4. Upon returning and finishing the academic work for the class section, the Incomplete will be removed and a final grade for that section will be given.

REFUND POLICY FOR ACTIVE DUTY
1. Refunds will be processed in accordance with the Title IV refund policy when applicable.
2. Upon returning, Military Active Duty students or military dependents whose training was interrupted due to military service will receive a waiver equal to the amount of prior tuition unless financial aid funds were used.

EXTERNSHIPS FOR STUDENTS WITH VA FUNDING
All students who receive funding through Veterans Administration should limit their externship search to sites located in Washington State. Externship sites out of state may not be approved, and the Veterans Administration may not pay tuition.

85/15 RULE
The Veterans Administration requires that Perry Technical Institute limit student enrollment to 85% veteran enrollment per cohort. In the event that a veteran wishes to enroll in a class that has already reached the 85% cap, he or she may do that but will not be eligible for VA funding. Chapter 35 and 31 students may still enroll even if the 85 percent has been realized.

VA STUDENT’S POINT OF CONTACT
To contact Perry Technical Institute’s School Certifying Official, email varep@perrytech.edu, or call 509.895.5761.

general information

PROGRAM ADVISORY COMMITTEE
Perry Technical Institute maintains independent Program Advisory Committees for the purpose of structuring and improving programs. The committees meet a minimum of two times per year to provide a meaningful review of the school’s program materials, equipment, facilities and student achievement outcomes. Program Advisory Committee members are made up of qualified representatives including employers representing major occupations for which training is provided, representatives from other educational institutions, and graduates with professional experience.

COMPARABLE PROGRAMS
Information about comparable programs, tuition, and length of programs may be obtained by contacting:

Accrediting Commission of Career Schools and Colleges
2101 Wilson Blvd., Suite 302
Arlington, VA 22201
703.247.4212
www.acccsc.org

STUDENT RECORDS
Perry Technical Institute maintains a permanent educational record for all currently and formerly enrolled students that consists of all admissions, academic and financial information upon which a student’s enrollment is based. These records (physical and electronic) are securely maintained and protected against damage or loss (fire, water, theft, tampering, etc.).

Perry Technical Institute maintains an official transcript for all currently and formerly enrolled students (graduates and terminated or withdrawn students). The transcript includes the program of study; the date of program entry; the date of graduation, termination or withdrawal; graduation status; and the clock or credit hours and grades earned. An official transcript is available to students upon request and in accordance with the school’s policies.

FAMILY EDUCATION RIGHTS AND PRIVACY ACT (FERPA)
The Family Educational Rights and Privacy Act (FERPA) affords eligible students certain rights with respect to their education records. These rights include:

1. The right to inspect and review the student’s education records within 45 days after the day Perry Technical Institute receives a request for access. A student should submit to the registrar a written request that identifies the record(s) the student wishes to inspect. The school official will make arrangements for access and notify the student of the time and place where the records may be inspected.

2. The right to request the amendment of the student’s education records that the student believes is inaccurate, misleading, or otherwise in violation of the student’s privacy rights under FERPA.

A student who wishes to ask the school to amend a record should submit a letter to the Registrar clearly identifying the part of the record the student wants changed, and specify why it should be changed.

If Perry Technical Institute decides not to amend the record as requested, the student will be notified in writing of the decision and the student’s right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. The right to provide written consent before Perry Technical Institute discloses personally identifiable information (PII) from the student’s education records, except to the extent that FERPA authorizes disclosure without consent.

Perry Technical Institute discloses education records without a student’s prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official includes a person employed by Perry Technical Institute in an administrative, supervisory, academic, research, or support staff; a person serving on the Board of Trustees; a person or company with whom the school has contracted as its agent to provide a service instead of using school employees or officials (such as an attorney, auditor, or collection agent) who is under the direct control of Perry Technical Institute with respect to the use and maintenance of PII from education records. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for the school.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by Perry Technical Institute to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue SW
Washington, DC 20202
LIABILITY POLICY
Perry Technical Institute is not responsible for loss or damage to a student’s personal property while on the school grounds or on field trips.

VACCINATION POLICY
Perry Technical Institute does not require any vaccinations prior to enrollment. In the interest of public health, Perry encourages students, faculty and staff members to voluntarily participate in routine vaccinations as recommended by and according to the guidance of local public health care agencies. In addition, because of potential career-related exposure, students enrolled in the Medical Assistant program can expect to be required to have vaccinations as a condition of their externship placement and future employment in a health care setting.

CLASS/PROGRAM CANCELLATIONS
Perry Technical Institute makes every effort to meet the needs of its students; however, special circumstances may require the school to cancel classes or programs due to the changing needs of industry, insufficient enrollment, or funding. The school reserves the right to make such decisions, as warranted.
Perry Technical Institute’s Agricultural Equipment Technician program offers students a diversified curriculum that guides them through the process of becoming an equipment technician in the agricultural industry.

The objective of the program is to provide students with a broad base of knowledge and skills necessary for employment in the agricultural and construction equipment industries. Students will diagnose, repair, modify, and overhaul a wide variety of agricultural equipment. Training will include exposure to diesel fuel systems, drive trains, hydraulics, electrical systems, and professional development for the agriculture repair industry.

The goal for students who successfully complete this program is employment as entry-level technicians in the agriculture industry. The Agricultural Equipment Technician program is 12 months in length (four quarters). The student will earn 67 credit hours which are 1,344 clock hours. Tuition is payable on a quarterly basis. There are four quarters in an academic year.

This training program concludes with an externship off campus, or with the completion of a capstone project on campus. The student to instructor ratio for the Agricultural Equipment Technician program is 22:1.

**PROGRAM OUTLINE**

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Program Totals | 1,344 | 67.0 |
AGRICULTURAL EQUIPMENT TECHNICIAN COURSE DESCRIPTIONS

AET 110 Intro to Agricultural Equipment
This course covers workplace safety, hazardous materials and environmental regulations, use of hand tools, service information resources, basic concepts, systems, and terms of agricultural equipment technology. Topics include familiarization with equipment systems along with identification and proper use of various hand and power tools, shop equipment and lifting procedures. Students are also introduced to equipment repair orders, parts ordering and repair estimating. Upon completion, students will be able to describe safety and environmental procedures, terms associated with agricultural equipment, document repair orders, order parts and how to use basic tools and shop equipment.

AET 111 Electrical Systems I
This course covers basic electrical theory, wiring diagrams, test equipment, diagnosis, repair, and replacement of batteries, starters, and alternators. Topics include Ohm’s Law, circuit construction, wiring diagrams, circuit testing, and basic troubleshooting. Upon completion, students will be able to properly use wiring diagrams, diagnose, test, and repair basic wiring, battery, starting, charging, and electrical concerns.

AET 112 Hydraulics and Implements
During this course, students will be exposed to hydraulic equipment. Students will study friction, lubrication, wear, lubricant maintenance and oil analysis, hydraulic fluid composition, and hydraulic applications. Students will learn proper techniques for operation of implements including settings, calibrations, and related adjustments.

AET 113E Externship
Students will gain field experience under an externship agreement with Perry Technical Institute, the employer, and the student. Completion of the externship packet is required.

AET 120 Engine Theory & Repair
Students will be introduced to gas, CNG (compressed natural gas), and diesel engine application, design, construction, theory, and operating principles. This course will also emphasize diagnosis, disassembly, and assembly of engines.

AET 121 Fuel Systems
This course focuses on fuel system theory, design, maintenance, diagnosis, and repair of mechanical and electronic fuel systems used in agriculture and construction equipment.

AET 122 Electrical Systems II
This course covers electronic theory, wiring diagrams, test equipment, diagnosis, repair and replacement of electronics, lighting, gauges, and control modules. Topics include networking and module communication, circuit construction, wiring diagrams, circuit testing, and troubleshooting. Upon completion, students will be able to properly use wiring diagrams, diagnose, test, and repair wiring, lighting, gauges, modules, and electronic components.

AET 123E Externship
Students will gain field experience under an externship agreement with Perry Technical Institute, the employer, and the student. Completion of the externship packet is required.

AET 130 Electronics & Accessories
This course will build upon the study of electricity by introducing the circuitry, diagnosis, and repair of electronic components. This course also covers theory, diagnosis and repair of in cab climate control systems. Students will also be introduced to GPS and telematics.

AET 131 Power Train Theory I
In this course, students will develop an understanding of agriculture transmissions, clutches, sliding gears, and hydrostatic drives. Students will be exposed to the design, operation, adjustment, and maintenance of power train systems.

AET 132E Externship
Students will gain field experience under an externship agreement with Perry Technical Institute, the employer, and the student. Completion of the externship packet is required.

AET 140 Professional Development
This course helps students develop professionally by focusing on soft skills, career planning, and future growth. Students will create professional resumes, cover letters, and technical training portfolios. Students will have industry-specific training on interview skills and participate in mock interviews. Upon completion, students will be able to successfully interview for positions, develop future training plans, and set goals for career advancement.

AET 141 Power Train Theory II
This course will focus on proper repair techniques and diagnosis of transmissions. Students will demonstrate skills working with CVTs, differentials, torque converters, clutches, amplifiers, planetary drive axels and power take-off units.

AET 142E Externship
Students will gain field experience under an externship agreement with Perry Technical Institute, the employer, and the student. Completion of the externship packet is required. If the student does not obtain an externship, completion of a capstone project is required.

AGRICULTURAL EQUIPMENT TECHNICIAN BOOK AND TOOL LIST
The book and tool list for students in the Agricultural Equipment Technician program is intended to be a minimum requirement to complete the program. The book and tool list will be provided no later than the first day of class. For specifics on cost of books, training materials, uniforms, and tools, please refer to page 14.

AGRICULTURAL EQUIPMENT TECHNICIAN EQUIPMENT LIST
Students in the Agricultural Equipment Technician program utilize the following equipment:

- Hydraulic press
- Oxyacetylene torch
- Welding equipment
- Metal cutting equipment
- Fuel and lubrication equipment
- Pressure washers
- Forklift
- Web-based information systems
- Laptop-based diagnostic software
Perry Technical Institute’s Automotive Technology program is designed to help students gain the necessary understanding of automotive principles through a variety of experiences including classroom learning, lab activities, working on customer vehicles, writing repair orders, and ordering parts.

The objective of the program is to provide students with a broad base of knowledge and the skills necessary for employment in the automotive industry. The eight recognized areas of automotive repair are addressed in the program: engine repair, automatic transmission/transaxle, manual drive train and axles, suspension and steering, brakes, electrical/electronic systems, heating and air conditioning, engine performance, and light vehicle diesel engines.

The Automotive Technology program is certified by the National Automotive Technicians Education Foundation (NATEF) and the course reflects the national automotive training standards established by the National Institute for Automotive Service Excellence (ASE). Section 609 of the U.S. Clean Air Act of 1990 requires that all mobile service technicians opening the refrigeration circuit in automotive air conditioning systems be certified in refrigerant recovery and recycling procedures. The program prepares students to obtain Section 609 Certification through the Mobile Air Conditioning Society.

The goal for students who successfully complete the course is employment as entry-level technicians in the automotive industry. The Automotive Technology program is 12 months in length (four quarters). The student will earn 76.5 credit hours which are 1,344 clock hours. Tuition is payable on a quarterly basis. There are four quarters in an academic year.

This training program concludes with an externship off campus, or with the completion of a capstone project on campus. The student to instructor ratio for the Automotive Technology program is 18:1.

**PROGRAM OUTLINE**

| Quarter 1 | AU 110            | Intro to Automotive Technology | 108 | 6.5 |
| AU 111    | Automotive Engine Repair | 120 | 7.0 |
| AU 112    | Basic Automotive Electrical Systems | 108 | 6.5 |
|           |                    |                               | 336 | 20.0 |
| Quarter 2 | AU 120            | Automotive Chassis Systems    | 200 | 12.0 |
| AU 121    | Advanced Automotive Electrical Systems | 136 | 8.0 |
|           |                    |                               | 336 | 20.0 |
| Quarter 3 | AU 131            | Automotive Climate Control Systems | 95  | 5.5 |
| AU 133    | Gasoline and Diesel Engine Management Systems | 241 | 14.5 |
|           |                    |                               | 336 | 20.0 |
| Quarter 4 | AU 140            | Automotive Drive Train Systems | 215 | 12.5 |
| AU 141E   | Externship         |                               | 121 | 4.0 |
|           |                    |                               | 336 | 16.5 |
|           | Program Totals     |                               | 1,344 | 76.5 |
AUTOMOTIVE TECHNOLOGY COURSE DESCRIPTIONS

AU 110 Intro to Automotive Technology
This course covers workplace safety, hazardous materials and environmental regulations, use of hand tools, service information resources, basic concepts, systems, and terms of automotive technology. Topics include familiarization with vehicle systems along with identification and proper use of various automotive hand and power tools. Upon completion, students will be able to describe safety and environmental procedures, terms associated with automobiles, and know how to use basic tools and shop equipment.

AU 111 Automotive Engine Repair
This course covers the theory, construction, inspection, diagnosis, and repair of internal combustion engines and related systems. Topics include fundamental operating principles of engines and diagnosis, inspection, adjustment, and repair of automotive engines using appropriate service information. Upon completion, students will be able to perform basic diagnosis, measurement, and repair of automotive engines using appropriate tools, equipment, procedures, and service information.

AU 112 Basic Automotive Electrical Systems
This course covers basic electrical theory, wiring diagrams, test equipment, diagnosis, repair, and replacement of batteries, starters, and alternators. Topics include Ohm’s Law, circuit construction, wiring diagrams, circuit testing, and basic troubleshooting. Upon completion, students will be able to properly use wiring diagrams, diagnose, test, and repair basic wiring, battery, starting, charging, and electrical concerns.

AU 120 Automotive Chassis Systems
This course covers principles of operation and diagnosis/repair of manually and electronically controlled suspension and steering systems. Also included are the diagnosis and repair of hydraulic brake, drum brake, disc brake, and anti-lock brake systems. Upon completion, students will be able to service and repair steering and suspension components, check and adjust alignment angles, repair tires and balance wheels, and demonstrate skills in hydraulic brake, drum brake, disc brake, and anti-lock brake systems.

AU 121 Advanced Automotive Electrical Systems
This course covers electronic theory, wiring diagrams, test equipment, diagnosis, repair and replacement of electronics, lighting, gauges, horn, wiper, accessories, and body modules. Topics include networking and module communication, circuit construction, wiring diagrams, circuit testing, and troubleshooting. Upon completion, students will be able to properly use wiring diagrams, diagnose, test, and repair wiring, lighting, gauges, accessories, modules, and electronic components.

AU 131 Automotive Climate Control Systems
This course covers the theory of refrigeration and heating, including manual and electronic climate control systems. Students will understand the importance of recovery and recycling refrigerant as well as adhering to safety and environmental regulations. Upon completion, students will be able to diagnose and safely service climate control systems using appropriate tools, equipment, and service information.

AU 133 Gasoline and Diesel Engine Management Systems
This course covers introduction, theory of operation, service and repair, as well as diagnostic procedures on today’s modern engines. Topics include computerized ignition systems, gasoline fuel injection systems, emission control systems, and on-board diagnostics. This course covers the concept of engines, modern diesel fuel injection systems, exhaust filtering and after-treatment systems. Related electrical and electronic systems such as function communication, Mode 6, and advanced diagnostic procedures will be taught. Students will also learn to work with laptop-driven scan tools and lab scopes. Upon completion of this course students will be able to service, diagnose and repair components related to gasoline and diesel engine management systems.

AU 140 Automotive Drive Train Systems
This course covers operation, diagnosis, service, and repair of automatic transmissions/transaxles. Topics include hydraulic, pneumatic, mechanical, and electrical/electronic operation of automatic drive trains and the use of appropriate service tools and equipment. This course will also cover manual transmissions/transaxles, clutches, drive shafts, axles, and final drives. Topics include theory of torque, power flow, and manual drive train servicing and repair using appropriate service information, tools, and equipment. Upon completion, students will be able to explain operational theory and diagnose and repair automatic and manual drive trains.

AU 141E Externship
Students will learn advanced career planning practices and demonstrate skills and competencies in externship assignments. Students must have a “C+” or better in current coursework, and must complete and submit a regular lab work experience employer evaluation. The instructor may terminate industry work experiences at any time if students do not adhere to these requirements. If the student does not obtain an externship, completion of a capstone project is required.

AUTOMOTIVE TECHNOLOGY BOOK AND TOOL LIST
The book and tool list for students in the Automotive Technology program are intended to be a minimum requirement to complete the program. The book and tool list will be provided no later than the first day of class. For specifics on cost of books, training materials, uniforms, and tools, please refer to page 14.

AUTOMOTIVE TECHNOLOGY EQUIPMENT LIST
Students in the Automotive Technology program utilize the following software and equipment:

- ShopKey Pro online repair and estimating software
- Identifix
- Procot on car brake lathe
- Automotive fluid service equipment
- Rotary vehicle hoists
- Engine and transmission lifting equipment
- Hunter under car service equipment
- Factory diagnostic tools
- Snap-on diagnostic equipment
- MotoLOGIC information system
Perry Technical Institute’s Business Technology & Accounting program covers the basic office, computer, accounting, and soft skills needed to be successful in the business world. Students graduate with an Associate of Applied Science degree in Business Technology & Accounting.

Students gain a solid understanding of computers including entry-level keyboarding operations, basic computer maintenance, and desktop publishing. The curriculum reviews basic arithmetic, 10-key skills, and computerized accounting and teaches students to manage their personal finances as well as grasp business concepts, the fundamentals of business finance, and managerial accounting. Students learn the soft skills needed in the office environment and the importance of career planning and how to develop a positive customer service environment.

The program prepares students to take the Microsoft Office Specialist (MOS) certification examination in Microsoft Word, Excel, Access, PowerPoint, and Outlook. In addition, students will receive the knowledge and skills needed to become certified in QuickBooks, Payroll, and Bookkeeping through national associations such as the American Institute of Professional Bookkeepers and the National Association of Certified Public Bookkeepers.

The Business Technology & Accounting program is the launching pad toward entry-level jobs in a variety of business and office positions such as administrative assistant, accounting assistant, accounts payable or receivable specialist, bookkeeper, and other administrative positions.

The Business Technology & Accounting program is 18 months in length (six quarters). The student will earn 116.0 credit hours which are 2,016 clock hours. Tuition is payable on a quarterly basis. There are four quarters in an academic year.

This training program concludes with an externship off campus or with the completion of a capstone project on campus. The student to instructor ratio for the Business Technology & Accounting program is 28:1.

### PROGRAM OUTLINE

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## BUSINESS TECHNOLOGY & ACCOUNTING COURSE DESCRIPTIONS

### BTA 110 Computer Applications
This course introduces the basics of computer hardware and software, networks, the Internet, Outlook, and Publisher. The objective is to allow students to be more comfortable working with personal computers on a daily basis.

### BTA 111 Keyboarding I
In this course, students learn beginning typing and 10-key skills. The objectives are for students to learn how to type by touch and how to take a timed keyboarding/10-key test for accuracy and speed.

### BTA 112 Word Processing
Students learn how to use Microsoft Word for basic and advanced word processing. The objective of this course is to prepare students to take the MOS certification exam for Word.

### BTA 113 Spreadsheets
Students learn Microsoft Excel and how to build business and financial applications for forecasting, budgeting, and basic bookkeeping. The objective of this course is to prepare students to take the MOS certification exam for Excel.

### BTA 114 Business English I
A concentrated review of sentence writing, this course emphasizes sentence combining, basic mechanics, and paragraph writing.

### BTA 115 Business Math
Students will review the basic operations of arithmetic, understand and manage their personal finances, as well as grasp the fundamentals of business finances. This course will prepare students to be smart shoppers, informed taxpayers, and valued employees. Basic math skills will be covered in a step-by-step manner, building student confidence along the way.

### BTA 120 Database & Integration
Students learn how to create and use databases with Microsoft Access. The objective of this course is to prepare students to take the MOS certification exam for Access.

### BTA 121 Keyboarding II
In this course, students learn how to improve their accuracy and typing/10-key speed. Students also learn formatting for personal and business letters, memoranda, simple tabulation techniques, proofreading, and editing.

### BTA 122 Business Presentation
This course provides instruction in delivering speeches and developing presentation materials. Students will create a variety of charts, graphs, and interactive presentations with the primary use of PowerPoint. Students will be encouraged to complete the MOS certification in PowerPoint.

### BTA 123 Career Planning
This course is designed to teach students how to write a professional cover letter and resume, participate in career networking, search for positions, apply for positions, and negotiate a position in an administrative field.

### BTA 124 Business Etiquette
This course focuses on the fundamentals of etiquette as they relate to business and business relationships inside and outside the office.

### BTA 125 Business English II
This course emphasizes basic punctuation and grammar rules and covers sentence structure. The focus is on writing sentences which demonstrate a grasp of basic syntax and usage and writing sound paragraphs which express a main idea clearly and develop it fully with a minimum of errors in sentence structure, punctuation, and spelling.

### BTA 130 Fundamentals of Accounting
In an introduction to accounting, students will learn accounting concepts and procedures to include debits and credits, the general journal, general ledger, accounting cycle, banking and cash handling procedures, and payroll entries. The objective of this course is to give students a solid foundation in accounting.

### BTA 131 Office Administration
This course is designed to prepare students to manage an office and provides office-related situations including decision-making and critical thinking activities.

### BTA 132 Introduction to Business
Students will learn and apply the basic concepts of business. Topics include the business environment, business formation, financing a business, management motivation and leadership, and operations management.

### BTA 133 Introduction to Marketing
Students will learn and apply the basic concepts of marketing. Subjects included are an overview of marketing, analyzing market opportunities, product and distribution decisions, promotion and communication strategies, and pricing decisions.

### BTA 134 Business Communications
Students learn various forms of written business communications and effective verbal communications including emails, memos, and letters using real life scenarios and case studies, and working effectively in teams.

### BTA 135 Human Relations
Human Relations will help students develop the personal and professional skills needed to be successful in business. Topics include confidence building, self-concept and self-esteem, building positive attitudes, motivation, effective leadership, conflict management, and balancing professional and personal priorities individually and in a team environment.
BTA 140 Principles of Accounting I
Students will expand their knowledge of accounting concepts and procedures by learning how to account for sales and cash receipts, purchases and cash payments, the worksheet for a merchandise company, bad debts, notes, merchandise inventory and accounting for property, plant, and equipment. The objective of this course is to familiarize students with standard accounting procedures that are found in most companies.

BTA 141 Entrepreneurship
This course focuses on developing and writing a complete business plan. Students will develop a business idea and learn how to bring their idea to market. Students will learn how companies finance, choose employees, purchase assets, develop and define a market, set a pricing structure, create a marketing plan, and then present the idea to industry experts for review.

BTA 142 Business Ethics
This course examines the ethical challenges facing individuals and businesses in modern society. The course utilizes case studies of professionals working in various areas of business and provides guest speakers with real-world experiences.

BTA 143 Economics
This course is designed to promote economic literacy and help students appreciate how economics affects their everyday lives.

BTA 144 Business Law
Business Law will focus on legal issues in the workplace and the legal system as it pertains to business transactions. Topics include contract formation and performance, real property, product liability, and employer/employee relations.

BTA 210 Principles of Accounting II
Students continue to build their accounting skills by learning how to account for partnership equity, corporation stock, corporate dividends, treasury stocks and retained earnings, bonds, the statement of cash flows, financial statement analysis, and cost accounting. The objective of this course is to help students develop the analytical and problem-solving skills necessary in accounting and bookkeeping positions.

BTA 212 Human Resources
This course will introduce students to all aspects of human resource management. Students will learn the most up-to-date practices in human resource planning. Topics will include addressing legal requirements, employee compensation and training, employee safety and health, and assessing performance.

BTA 213 Computerized Accounting Concepts
This course will provide a hands-on approach to learning QuickBooks that incorporates a thorough understanding of the software while applying knowledge of the accounting cycle.

BTA 214 Federal Tax Accounting
This course will introduce students to the fundamentals of tax accounting. Coursework will focus on individual returns, income and exclusions, business income and expenses, deductions and credits, capital gains and losses, corporate tax, and tax administration and planning.

BTA 220 Payroll Accounting Concepts
This course will provide students with firsthand experience in calculating payroll, completing payroll taxes, and preparing payroll records and reports. Students will learn through application with realistic, hands-on practice exercises.

BTA 221 Accounting Integration
This is a project-based course that will provide a hands-on simulation project. The project is designed to incorporate the accounting and QuickBooks knowledge gained in previous courses, through realistic practice.

BTA 222 Customer Service
This course emphasizes how to provide excellent customer service. Students study and apply effective communication techniques, problem resolution skills, and how to handle difficult situations.

BTA 223E Externship
Students will learn advanced career planning practices. They will also demonstrate skills and competencies in externship assignments after electing an externship option pending instructor approval. The instructor may terminate industry work experiences at any time if students do not adhere to externship requirements. If the student does not obtain an externship, completion of a capstone project is required.

BUSINESS TECHNOLOGY & ACCOUNTING BOOK AND TOOL LIST
The book and tool list for students in the Business Technology & Accounting program is intended to be a minimum requirement to complete the program. The book and tool list will be provided no later than the first day of class. For specifics on cost of books, training materials, uniforms, and tools, please refer to page 14.

BUSINESS TECHNOLOGY & ACCOUNTING EQUIPMENT LIST
Students in the Business Technology & Accounting program utilize the following equipment:

- Computers
- Copy machines
- Fax machines
- Scanners
- 10-key calculators
- Telephone
Perry Technical Institute’s Construction program offers students a diversified curriculum that guides them through the process of becoming construction workers.

The objective of the program is to provide students with a broad base of knowledge and skills necessary for employment in the construction industry. Students will learn about layouts, blueprints, framing, tool usage, safety, concrete, and finishing. Training will include exposure to drywall, taping, power saws and drills, site surveying, scaffolding, and professional development for the construction industry.

The goal for students who successfully complete this program is employment as entry-level construction workers. The Construction program is 12 months in length (four quarters). The student will earn 72.0 credit hours which are 1,344 clock hours. Tuition is payable on a quarterly basis. There are four quarters in an academic year.

This training program concludes with an externship off campus, or with the completion of a capstone project on campus. The student to instructor ratio for the Construction program is 22:1.

**PROGRAM OUTLINE**

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CONSTRUCTION COURSE DESCRIPTIONS

CST 110 Introduction to Construction
This course covers workplace safety, hazardous materials and environmental regulations, use of hand tools, service information resources, basic concepts, systems, and terms of the construction industry. Topics include building process, materials, building systems, and construction components.

CST 112 Construction Fundamentals I
This course introduces students to framing, estimating, material selection, basic construction math, tool usage, layout, floors, walls, and ceilings. Students will receive exposure to proper power tool handling (a foundation that will continue throughout the program). In addition, students will study compaction and backing.

CST 113 Construction Blueprint Reading I
This course provides an introduction to reading, interpreting, and applying construction blueprints. Topics will include symbols, terminology, floor plans, elevation, and mechanical plans.

CST 120 Construction Concrete
Students will explore forming methods, footings, foundation walls, slabs, stairs, and the handling and curing of concrete. Students will study placing procedures and mix designs.

CST 121 Construction Fundamentals II
This course covers roof framing methods for residential construction. Students will be exposed to building codes, rafter nomenclature, ceiling joists, and collar ties. Students will also learn about stacking of residential roofs and rolling of trusses.

CST 122 Construction Blueprint Reading II
This course will provide an introduction to reading foundation plans, section views, roof framing plans and plot/site plans. Students will be exposed to various types of residential and commercial blueprints.

CST 130 Exterior Finishing
This course includes the installation and finishing of wall coverings, cornices, and exterior trim. Students will install windows, doors, waterproofing, and utilize tools specifically designed for exterior finishing. Students will practice using ladders and scaffolds.

CST 131 Construction Fundamentals III
In this course, students will explore siding installation as well as state-of-the-art cutting. In addition, students will explore all facets of developing a building envelope. Students will be exposed to advanced construction techniques.

CST 132E Externship
Students will gain field experience under an externship agreement with Perry Technical Institute, the employer, and the student. Completion of the externship packet is required. If the student does not obtain an externship, completion of a capstone project is required.

CST 140 Interior Finishing
This course covers basic drywall installation methods, including tapes, corner beads, joint compounds, textures, and patching. Students will also complete material trim installation and estimate trim quantities and costs. Students will be exposed to base, casing, crown, and wainscot panel molding as well as interior door and window surrounds. Cabinetry installation will also be taught.

CST 141 Professional Development
This course helps students develop professionally by focusing on soft skills, career planning, and future growth. Students will learn proper communication skills for the construction industry. Topics will include verbal communication with co-workers and written communication such as filling out a timesheet or a work order. Upon completion, students will be able to successfully interview for positions, develop future training plans, and set goals for career advancement.

CST 142E Externship
Students will gain field experience under an externship agreement with Perry Technical Institute, the employer, and the student. Completion of the externship packet is required. If the student does not obtain an externship, completion of a capstone project is required.

CONSTRUCTION BOOK AND TOOL LIST
The book and tool list for students in the Construction program is intended to be a minimum requirement to complete the program. The book and tool list will be provided no later than the first day of class. For specifics on cost of books, training materials, uniforms, and tools, please refer to page 14.

CONSTRUCTION EQUIPMENT LIST
Students in the Construction program utilize the following equipment in addition to a variety of hand and power tools:

- Forklift
- Scaffolding
- Man lift
- Table saw
- Planer
- Chop saw
Perry Technical Institute’s Electrical Technology program offers students a diversified curriculum that guides them through the process of becoming electricians.

Students are introduced to the generation and distribution of AC/DC electricity, residential and commercial wiring methods, industrial motor controls and electronics, as well as utilizing green technologies such as solar. During classroom, lab and fieldwork experiences, students gain valuable theory while incorporating current NEC codes and WAC/RCW rules, laws, and procedures with hands-on application.

The Washington State Department of Labor & Industries may recognize up to two years of training received from Perry’s Electrical Technology program toward the (01) journey level certification. Graduates must accumulate additional hours of industrial/commercial electrical work before applying to take their (01) journey level examination with the State of Washington.

The goal for students who successfully complete this program is entry-level employment as third-year electrical trainees. The two largest groups of potential employers are electrical construction contractors and electrical departments in manufacturing industries.

The Electrical Technology program is 24 months in length (eight quarters). The student will earn 172.5 credit hours which are 3,000 clock hours. Tuition is payable on a quarterly basis. There are four quarters in an academic year.

This training program concludes with an externship off campus, or with the completion of a capstone project on campus. The classroom student to instructor ratio for the Electrical Technology program is 23:1. The student to (01) journey level electrician ratio when performing fieldwork for the school is 4:1. When performing fieldwork for a contractor other than Perry Technical Institute, the student to (01) journey level electrician ratio is 1:1.

**PROGRAM OUTLINE**

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ELECTRICAL TECHNOLOGY COURSE DESCRIPTIONS

**ET 110 Safety**
This course will provide a basic understanding of electricity and how to prevent common electrical/workplace hazards. Students will be introduced to safety requirements for campus, classroom, lab, and shop environments including the proper use of tools/equipment, and safety procedures. Weekly safety meetings are held and include safety demonstrations showing the correct way to use tools, ladders, and other equipment needed in the electrical trade. A first aid and CPR certificate is awarded after successful completion of the CPR class.

**ET 111 NEC/WAC/RCW**
While learning to navigate the National Electrical Code (NEC), students will be introduced to minimum standards for safe installation, maintenance and repair of electrical systems. This course will also cover the Washington Administrative Codes (WAC) that supersede the NEC and Revised Code of Washington (RCW) pertaining to electricians.

**ET 112 Electrical Theory I**
Beginning with atomic structures, this course will introduce the basic theory of electricity along with solving for voltage, current, resistance and wattage in different circuit configurations using Ohm’s and Watt’s laws. Students will also identify and draw single-phase and three-phase systems used in industry.

**ET 113L Lab & Shop Projects**
Starting with proper drawing of schematics, students will practice safe and practical application of classroom instruction through wiring residential switch and receptacle labs. Students will also demonstrate proper use of personal protective equipment and tools to install and troubleshoot conductors, switches, receptacles and fixture wiring.

**ET 120 Safety**
Building on their electrical theory, students will learn safety relating to energy and various test equipment. The Electrical Department holds weekly safety meetings that include safety demonstrations showing the correct way to use tools, ladders, and other equipment needed in the electrical trade.

**ET 121 NEC**
This course will review and build upon the code previously covered in the program with the addition of articles relating to reactors such as capacitors and inductors.

**ET 122 Electrical Theory II**
This course will examine direct current motors and generators beginning with magnetic fields surrounding conductors and coils. From there, students will move into the generation of alternating current and reactive components such as inductors and capacitors in RLC circuits. Students will learn the theory of transformers, conversions of power and various semiconductor components.

**ET 123L Lab & Shop Projects**
Students will use electrical components and breadboard to assemble circuits and verify electrical quantities determined in classroom calculations.

**ET 130 Safety**
Students will explore safety in an industrial setting, covering topics such as proper meter use, personal protective equipment and lock-out, tag-out, try-out. Weekly safety meetings are held and include safety demonstrations showing the correct way to use tools, ladders, and other equipment needed in the electrical trade.

**ET 131 NEC**
This course will cover NEC requirements for motor circuits. Students will determine sizes of conductors, overloads, overcurrent protection and disconnecting means for motor circuits. Previously covered NEC will be added to these calculations such as proper grounding and bonding.

**ET 132 Industrial I**
Industrial I introduces the principles of two and three-wire control for motor control circuits. The course will identify various control components such as relays, mag-starters, timers and sensors, along with the symbols and ladder diagrams needed to make a successful control installation. Students will learn the theory and operation of AC motors along with proper wiring connections for different voltages and troubleshooting of motors and motor control circuits.

**ET 133L Lab & Shop Projects**
Using ladder diagrams designed in class, students install the wiring to motor control lab stations for various applications and processes. After completion of the lab, the instructor will bug the station and students will apply troubleshooting skills learned in the classroom to locate and repair the malfunctioning process.

**ET 140 Safety**
Students will explore safety in an industrial setting such as proper meter use, personal protective equipment and lock-out, tag-out, try-out. Weekly safety meetings are held and include safety demonstrations showing the correct way to use tools, ladders, and other equipment needed in the electrical trade.

**ET 141 NEC**
This course will examine and review previously covered NEC articles.

**ET 142 Industrial II**
This course will build upon the material introduced in Industrial I with the introduction of programmable logic controllers (PLCs). Students will learn the parts of a PLC and how to setup communication with...
the computer along with constructing programs in the PLC software. Students will also examine several digital numbering systems and conversions along with troubleshooting.

**ET 143L Lab & Shop Projects**

Students will develop, use, and create programs and use logical diagrams to control the desired process by analyzing inputs and updating outputs and by monitoring devices and troubleshooting the written program.

**ET 210 Safety**

Students will explore safety in an industrial setting such as proper meter use, personal protective equipment and lock-out, tag-out, try-out. The Electrical Department holds weekly safety meetings that include a safety demonstration to show the correct way to use tools, ladders, and other equipment needed in the electrical trade.

**ET 211 NEC/WAC/RCW**

This course will cover how to calculate the ampacity of service, feeder and branch circuit conductors, and the ampacity rating of the panels they supply. Students will also revisit the Washington Administrative Code (WAC) and Revised Code of Washington (RCW) requirements for the electrical industry including, but not limited to: electrical industry scopes of work, licensing qualifications, exams, fees, penalties, types of certifications, and continuing education requirements.

**ET 212 Industrial III**

This course will outline the fundamentals and functions of variable frequency drives (VFDs) and interpreting manufacturer manuals. Students will troubleshoot poor power quality and harmonics along with learning skills to correct these symptoms through the use of power quality analyzers.

**ET 213L Lab & Shop Projects**

Students will use technical manuals to wire variable frequency drives (VFDs) and interpreting manufacturer manuals. Students will troubleshoot poor power quality and harmonics along with learning skills to correct these symptoms through the use of power quality analyzers.

**ET 214L Lab & Shop Projects**

Students will distinguish safety hazards on a construction jobsite. The Electrical Department holds weekly safety meetings that include a safety demonstration indicating the correct way to use tools, ladders, and other equipment needed in the electrical trade.

**ET 220 Safety**

Students will distinguish safety hazards on a construction jobsite. The Electrical Department holds weekly safety meetings that include a safety demonstration indicating the correct way to use tools, ladders, and other equipment needed in the electrical trade.

**ET 221 NEC/Utility**

This course will discuss the code requirements for wiring a dwelling unit, photovoltaic system and cover articles relating to commercial wiring methods. The minimum standards of outdoor branch circuits and feeders, services, grounding and bonding, hazardous locations and pools will also be covered. Students will learn the local utility requirements for electrical installations.

**ET 222 Construction I**

The course will introduce terms, symbols, layout, organization, and structure of plans that are used for residential, commercial, and industrial buildings. Students will learn how to understand and interpret prints for identification of code violations, conflicts of space, and safety issues. Students will be trained to use hand, hydraulic, and PVC conduit benders. Also covered are solar photovoltaic systems including the array circuit, inverter, and controller.

**ET 223L Lab & Shop Projects**

Students will practice applied wiring techniques in various hands-on exercises and labs including, but not limited to: conduit bending, switch connections, non-metallic cable, metallic cable, wire pulling, panel, box and device installation, and connections.

**ET 230 Safety**

Students will distinguish safety hazards on a construction jobsite and the safe handling of electronics. The Electrical Department holds weekly safety meetings that include a safety demonstration showing the correct way to use tools, ladders, and other equipment needed in the electrical trade.

**ET 231 Career Planning**

Students will prepare for an effective career search by learning to create a resume, practicing interviewing skills, and reviewing the job application process. This course will also include a comprehensive review of material related to career opportunities.

**ET 232 Solid State Electronic Fundamentals**

Students will build a foundation of solid state electronics, printed circuit boards, soldering, and troubleshooting electronics.

**ET 233L Lab & Shop Projects**

Students will prepare for an effective career search by learning to create a resume, practicing interviewing skills, and reviewing the job application process. This course will also include a comprehensive review of material related to career opportunities.

**ET 234L Construction I/Externship**

Students will take part in on-the-job training projects doing hands-on electrical wiring installations in residential and commercial buildings. Students are required to have 100% supervision by a (01) journey level electrician employed by Perry Technical Institute while performing these electrical installations with a ratio of not more than four students to one (01) journey level electrician while working outside the school. All work will comply with the NEC, WAC and RCWs and shall be inspected by the Department of Labor & Industries as required. In addition to holding a current (01) journey level electrician certificate, the (01) journey level electricians must also have training in instruction and meet the minimum requirements of a classroom instructor. Journey level electricians shall not engage in any of the electrical installations.

**ET 240E Construction III/Externship**

Students will complete on-the-job training projects doing hands-on electrical wiring installations in residential and commercial buildings. While working for the school, all trainee electrical installations are supervised by a (01) journey level electrician and the work is inspected by the Department of Labor & Industries as required. Students who have a job offer as an electrician may leave the program on electrical wiring installations in residential and commercial buildings. Students are supervised by a (01) journey level electrician and the work is inspected by the Department of Labor & Industries as required. In addition to holding a current (01) journey level electrician certificate, the (01) journey level electricians must also have training in instruction and meet the minimum requirements of a classroom instructor. Journey level electricians shall not engage in any of the electrical installations.

**ET 240E Construction III/Externship**

Students will complete on-the-job training projects doing hands-on electrical wiring installations in residential and commercial buildings. While working for the school, all trainee electrical installations are supervised by a (01) journey level electrician and the work is inspected by the Department of Labor & Industries as required. Students who have a job offer as an electrician may leave the program on electrical wiring installations in residential and commercial buildings. Students are supervised by a (01) journey level electrician and the work is inspected by the Department of Labor & Industries as required. In addition to holding a current (01) journey level electrician certificate, the (01) journey level electricians must also have training in instruction and meet the minimum requirements of a classroom instructor. Journey level electricians shall not engage in any of the electrical installations.
ELECTRICAL TECHNOLOGY BOOK AND TOOL LIST
The book and tool list for students in the Electrical Technology program is intended to be a minimum requirement to complete the program. The book and tool list will be provided no later than the first day of class. For specifics on cost of books, training materials, uniforms, and tools, please refer to page 15.

ELECTRICAL TECHNOLOGY EQUIPMENT LIST
Students in the Electrical Technology program utilize the following equipment:

- Computers
- Electrical hand tools
- Motor control labs
- Single- and three-phase motors
- PLC simulators
- PLC labs
- Electronic workstations
- Arduino
- Variable Frequency Drives
- Steel and wood framed structures
- Power factor correction labs
- Conduit bending equipment
- Oscilloscopes and related electronic equipment
heating, ventilation, air conditioning & refrigeration technology

Perry Technical Institute’s Heating, Ventilation, Air Conditioning & Refrigeration Technology program covers all aspects of the field, from refrigeration fundamentals to direct digital control and energy management systems. Students learn the curriculum through classroom and extensive hands-on training in lab-related instruction.

Perry Technical Institute’s HVAC/R program is approved by the Washington State Department of Labor & Industries as a 06A HVAC/R Specialty Electrical Training program. Graduates may be credited with up to one year (or 2,000 hours) towards the two years (or 4,000 hours) required by the State of Washington to be eligible to take the certification exam for the 06A HVAC/R Specialty Electrical License.

The program prepares students to gain industry certifications in several areas, giving them competitive advantages in the employment market. Some of the technician certifications offered include Universal R-410A Safety, OSHA Safety, EPA 608 Refrigerant, EPA 609 Refrigerant, and Green Mechanical Systems.

Classroom and shop training prepares students to enter the HVAC/R industry as qualified entry-level technicians.

The HVAC/R Technology program is 24 months in length (eight quarters). The student will earn 169 credit hours which are 2,872 clock hours. Labor & Industries does not separate break times and credits 2,000 hours towards classroom participation. Tuition is payable on a quarterly basis. There are four quarters in an academic year. Quarter three and four course offerings may be offered in a sequence other than listed to accommodate seasonal working conditions.

This training program concludes with an externship off campus, or with review and lab projects on and off campus. The student to instructor ratio for the Heating, Ventilation, Air Conditioning & Refrigeration Technology program is 24:1.

PROGRAM OUTLINE

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Code</th>
<th>Description</th>
<th>Clock Hours</th>
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</table>
HEATING, VENTILATION, AIR CONDITIONING & REFRIGERATION TECHNOLOGY COURSE DESCRIPTIONS

First Aid
First aid and CPR training is contracted with an outside agency. Current certification is required.

RE 110 Refrigeration Fundamentals
Tools, procedures, and equipment are covered/demonstrated in both the classroom and lab environment. Mathematics is used for practical electrical theory and application of series and parallel electrical circuits as found in the HVAC/R trade. Emphasis is placed on the understanding and application of the four main components of a mechanical compression refrigeration system, each of their functions within the system including the pressures and temperatures associated with each component.

RE 111L Lab & Shop Projects
Students develop the necessary skills for the application and use of electrical and HVAC/R tools and equipment. Students are introduced to steel pipe threading and basic sheet metal fabrication concepts including several sheet metal projects using not only sheet metal hand tools, but the heavier shop fabrication equipment associated with the fabrication of HVAC duct systems. Students learn the required skills and techniques for the proper joining of copper to copper and copper to steel tubing by use of oxyacetylene torches. Students begin practical application of refrigeration operation and troubleshooting on residential air conditioning systems.

RE 120 Refrigeration & Electric Forced Air Heating
Studies expand on the four main components of the refrigeration system. This section of the program also introduces central forced air electric heating systems. Students continue reading and using schematic and ladder diagrams and learn to develop their own electrical diagrams to meet specific operations.

RE 121L Lab & Shop Projects
Lab time includes an emphasis on electrical measurements for troubleshooting and hands-on wiring of equipment. Students complete the wiring and operation of relays, capacitors, single and multi-speed single-phase fractional horsepower motors, heaters, low-voltage heat/cool thermostats, compressors, and fan motors. Time is used for wiring, troubleshooting, and maintaining controls as well as actual operation and troubleshooting of electric furnaces and their controls.

RE 130 Residential & Light Commercial HVAC I
Students review shop safety procedures and are introduced to fall protection and ladder safety. Safe handling of refrigerants and proper HVAC system charging are covered, including refrigerant recovery and applications of R-22, HFC refrigerants R-410A, and R-422B. Students learn the fundamentals of humidifiers and air filtration, including all types of disposable air filters to state-of-the-art electronic air cleaners. Students learn to interpret both ladder and pictorial wiring diagrams. All types of single-phase motors are discussed. The curriculum covers both packaged and split systems of residential and light commercial HVAC equipment.

RE 131L Lab & Shop Projects
This section emphasizes the application of control strategies used to wire and operate HVAC equipment. Students develop all types of wiring diagrams utilizing actual HVAC units. Students are exposed to systems such as heat pumps, oil, gas, and electric forced air HVAC systems. Typical lab projects include tasks such as soldering, steel pipe threading, wiring, and proper refrigerant charging of A/C units. Students are introduced to basic sheet metal fabrication concepts including several sheet metal projects using not only sheet metal hand tools, but the heavier shop fabrication equipment associated with the fabrication of HVAC duct systems.

RE 140 Residential & Light Commercial HVAC II
In this section, students study heating systems that include fossil fuel units such as natural, LP gas units, oil heating systems, electric heating, and heat pump systems. The section covers the combustion and venting process as it relates to fossil fuel heating systems. The duct design process is introduced. Students learn to apply control strategies covered in the classroom to wire and operate several types of HVAC equipment. Residential load calculations are introduced. Students learn the basics of air distribution and balancing residential and light commercial HVAC air delivery systems. The curriculum introduces several types of air side components such as grills, registers, and diffusers as well as equipment typically used for air balancing.

RE 141L Lab & Shop Projects
This course helps students apply the knowledge learned in the classroom to operational HVAC equipment. All laboratory/shop tasks will be performed on heating systems that include fossil fuel units such as natural, LP gas units, oil heating systems, electric heating, and heat pump systems. The scope of tasks involves electrical wiring, mechanical operation, and combustion analysis of oil and gas heating systems. Students complete several lab projects including wiring of all heating systems and combustion analysis on natural gas furnaces and oil heating systems using digital analysis tools.

RE 210 Commercial Refrigeration I
Students begin studying and troubleshooting commercial systems and components. The course covers electrical theory, control circuits, and wiring schematics. RCW 19.28. WAC 29646A, WAC 296401B, and articles from the NEC are also covered.

RE 211L Lab & Shop Projects
This course provides hands-on evaluation and repair of a wide variety of live refrigeration equipment. The curriculum tests the student’s ability to set, adjust, and evaluate a wide variety of refrigerant and electrical controls under different operating conditions. Installation, setting, and proper wiring methods as specified by NEC are covered for a variety of control applications.

RE 220 Commercial Refrigeration II
The curriculum covers advanced commercial systems and components, troubleshooting commercial systems, electrical theory, control circuits, and wiring schematics. RCW 19.28, WAC 296-401B, and articles from the NEC are also covered.

RE 221L Lab & Shop Projects
This course provides hands-on evaluation and repair of a wide variety of live refrigeration equipment. The curriculum tests the student’s ability to set, adjust, and evaluate a variety of refrigerant and electrical controls under different operating conditions. Installation, setting, and proper wiring methods as specified by NEC are covered for a number of control applications.
**RE 230 Industrial Heating & Cooling Systems I**  
Students are introduced to industrial heating and cooling systems and components, troubleshooting industrial systems, electrical theory, control circuits, wiring schematics, and piping diagrams. RCW 19.28, WAC 296-401B, and articles from the NEC are also covered.

**RE 231L Lab & Shop Projects**  
Lab time gives students the opportunity to apply the skills they have learned. Training equipment, lab projects, computer simulators, and on-site service work allow the student to receive hands-on training to reinforce classroom instruction.

**RE 243E Externship**  
In lieu of on-campus training, students are allowed the opportunity to take full-time employment with their future employer. Completion of the externship packet is required as well as all assigned class/shop activities. Students not on an externship will remain on Campus and complete the HVAC/R RE: 8 quarter or until they go on externship. The RE: 8 quarter will focus on reviewing curriculum in and out of the classroom, working on projects in and out of the lab, scheduling ride-a-longs, submitting resumes and attending job interviews. In addition, in order to be eligible for an externship the student must work under a Licensed Journeyman with appropriate electrical License or waive the credited 2000 electrical hours. Students must complete the required assignments prior to going on externship. Head. If the student does not obtain an externship, completion of the HVAC/R capstone project is required.

**HEATING, VENTILATION, AIR CONDITIONING, & REFRIGERATION TECHNOLOGY BOOK AND TOOL LIST**  
The book and tool list for students in the Heating, Ventilation, Air Conditioning & Refrigeration Technology program is intended to be a minimum requirement to complete the program. The book and tool list will be provided no later than the first day of class. For specifics on cost of books, training materials, uniforms, and tools, please refer to page 15.

**HEATING, VENTILATION, AIR CONDITIONING, & REFRIGERATION TECHNOLOGY EQUIPMENT LIST**  
Students in the HVAC/R program utilize the following equipment:

- Computers
- Digital multi-meter
- Digital clamp-on ammeter
- Digital temperature meter
- Thermistor vacuum gauge
- Digital duct leakage monitor
- Digital refrigerant scale
- Oxyacetylene torch set
- Vacuum pump
- Refrigerant recovery equipment
- Refrigerant gage manifold
- Arc welder
- Wire feed welder
- Digital manometer
Perry Technical Institute’s Information Technology & Communication Systems program teaches the theories and skills needed to work in all areas of communications technology – electronics theory, personal computers, wireless communications, telephone systems, transmission equipment, alarm systems, and data networking and administration.

The program is divided into four six-month sections of curriculum and combines classroom and lab projects to provide students with the proper balance of theory and hands-on experience.

Students prepare to earn numerous industry certifications including CompTIA, Cisco, and FCC. The program is approved by the State of Washington as a two-year Limited Energy (06) Specialty Electrical training program. Graduates may be credited with up to one year towards the two years required to be eligible to take the certification exam for the Limited Energy (06) Specialty Electrical License. Throughout the program, students prepare themselves for the workforce. Resume writing, interview skills, and documentation of their experience at Perry Technical Institute in a portfolio enable the student to conduct an effective job search.

The goal of Perry Technical Institute’s Information Technology & Communication Systems program is to provide graduates with the wide variety of skills necessary to obtain entry-level employment and achieve success in their careers.

The Information Technology & Communication Systems program is 24 months in length (eight quarters). The student will earn 160.5 credit hours which are 2,688 clock hours. Tuition is payable on a quarterly basis. There are four quarters in an academic year.

This training program concludes with an externship off campus, or with the completion of a capstone project on campus. The student to instructor ratio for the Information Technology & Communication Systems program is 26:1.

### PROGRAM OUTLINE

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<th>Credit Hours</th>
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Program Totals: 2,688 clock hours, 160.5 credit hours.
INFORMATION TECHNOLOGY & COMMUNICATION SYSTEMS COURSE DESCRIPTIONS

ITC 110 Applied Mathematics for Electronics
Mathematics required to evaluate and understand the electronic circuits and equipment which will be covered.

ITC 111 Electronics: Fundamentals I
Basic electronic components and DC circuit operation are introduced including test equipment and tools. DC network analysis, AC circuits, and their effect on reactive components are covered as well. Application of the technical knowledge acquired in the classroom to practical electronic circuits in a lab environment. The concepts of teamwork, analytical problem solving, and troubleshooting are introduced. The students begin preparing a portfolio, documenting their experiences and training through the program.

ITC 120 Electronics: Fundamentals II
Advanced DC and AC electronics, transistors, and integrated circuit operational amplifiers. Boolean algebra and binary arithmetic provide the basis for the understanding of digital logic circuits utilizing logic gates and combinational logic. Application of the technical knowledge acquired in the classroom to practical power supplies, transistor amplifiers and switches, and operational amplifier circuits, digital circuits in a lab environment.

ITC 121 Wireless Technology
Radio frequency theory, noise, bandwidth, analog and digital modulators. RF transmission and reception, propagation, transmission lines, and antenna systems are covered. Lab projects enable the application of the technical knowledge acquired in the classroom to RF modulators, radio receivers, antenna systems, and transmitters.

ITC 130 Computers: Hardware and Software
Theory, operation, assembly, and maintenance of personal computer hardware and peripheral devices, in a hands-on lab environment. Preparation for the CompTIA A+ certification. Hardware installation and troubleshooting is accomplished which allows the student to apply the technical knowledge acquired in the classroom.

ITC 131 Computers: Fundamentals Practicum
Operation of PC operating systems, including: software installation, management, utilities, and troubleshooting in a lab environment. Students experience workstation configuration using different operating systems as well as virtualization software teaching students the skills necessary to troubleshoot a variety of computer systems.

ITC 143 Network Server Operating Systems
Installation and configuration of Windows Server. Configuration of virtual machines and networks. DHCP and DNS services, domain controllers and Active Directory along with group policy and security policies. Preparation for the Microsoft Server certification. Technical knowledge acquired in the classroom will be utilized in a lab setting. Installing, configuring and troubleshooting a Windows server and the utilities involved.

ITC 144 Network Server OS Practicum
Practicum Continuation of Windows Server implementation. Principles, design, implementation, and administration of the latest industry network architectures and topologies. Virtualized network environments to provide service and applications to end users are covered, as well as network storage and cloud infrastructure. Application of this knowledge will be utilized in a lab environment.

ITC 210 Cisco Networking I
Intro to Networking— This course introduces the architecture, structure, functions, components and models of the Internet and other computer networks. The principles and structure of IP addressing and the fundamentals of Ethernet concepts, media and operations are introduced to provide a foundation for the curriculum. By the end of the course, students will be able to build simple LANs, perform basic configurations for routers and switches, and implement IP addressing schemes.

ITC 212 Cisco Networking II
Routing and Switching— This course describes the architecture, components and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with RIPv1, RIPv2, single-area and multi-area OSPF, virtual LANs, and inter-VLAN routing in both 1.Pv4 and 1.Pv6 networks.

ITC 220 Cisco Networking II (continued)

ITC 222 Cisco Networking III
Scaling Networks— This course describes the architecture, components, and operations of routers and switches in larger and more complex networks. Students learn how to configure routers and switches for advanced functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with OSPF, EIGRP, and STP.

ITC 230 Basic Telephony & Cabling Standards
Prepares the student to enter the telephone industry. Cabling installation, telephone sets, and local loop are covered. The history of the industry and industry terms are presented. National Electrical Code and industry cabling and equipment standards are covered. Data cable installer certificate obtained through industry provided certification. (Certification may occur in quarter 7 or 8). Lab exercises allow students hands-on experience with industry standard tools and practice in the installation and testing of copper and fiber optic cable systems for voice and data networks.

ITC 231 Voice Communications Systems I
Installation, programming, and troubleshooting of business telephone systems including key systems, hybrids, and an introduction to PBX switching equipment in a simulated business environment. Transmission lines and long distance networks, which tie telephone switches together, are covered. Customer service concepts are presented to enable the student to communicate effectively with the customer. Lab exercises allow students hands-on experience and comprehension in the installation, programming, and maintenance of various business communication systems.

ITC 232 Career Planning
Designed to prepare the student to mount an effective job search. Resume preparation, interview skills, and the job application process are covered as the portfolio preparation process is completed.

ITC 240 Voice Communication Systems II
A continuation of quarter 7 Voice Communication Systems. The convergence of voice and data, through the development of Computer-Telephone Integration (CTI) and Voice over Internet (VoIP) concepts. Installation, programming, and troubleshooting of PBX and VoIP equipment in a simulated business environment is accomplished. Voice mail is integrated into the system and the
programming of system features is accomplished. Customer service concepts are presented to enable the student to communicate effectively with the customer. Lab exercises allow students hands-on experience and comprehension in the installation, programming, and maintenance of various business communication systems.

**ITC 241 Limited Energy**

Limited Energy Systems: Alarms and amplified sound. Fire alarm system installation, programming, and troubleshooting are covered. Proper installation practices are covered in accordance with the National Electrical Code and NFPA 72: National Fire Alarm Code. Amplified sound and speaker systems, including 70V centralized systems and intercom systems are covered. Introduction to Power over Ethernet (PoE) cable and device installation will also be covered in accordance with the Washington State Limited Energy System guidelines. Lab exercises allow students hands-on experience and comprehension in the installation, programming, and maintenance of various limited energy systems.

**ITC 242E Externship**

Qualifying students have the option of obtaining practical experience in a workplace environment in lieu of the last month of training on campus. Externships must relate to the training that would occur in the last quarter of ITCS and must be approved by the Department Head. If the student does not obtain an externship, he/she will be responsible for completing an on-campus capstone project.

**INFORMATION TECHNOLOGY & COMMUNICATION SYSTEMS BOOK AND TOOL LIST**

The book and tool list for students in the Information Technology & Communication Systems program is intended to be a minimum requirement to complete the program. The book and tool list will be provided no later than the first day of class. For specifics on cost of books, training materials, uniforms, and tools, please refer to page 15.

**INFORMATION TECHNOLOGY & COMMUNICATION SYSTEMS EQUIPMENT LIST**

Students in the Information Technology & Communication Systems program utilize the following equipment:

- Personal computers and servers
- Cisco routers
- Network switches
- Wireless access points
- Fluke EtherScope
- Fluke network analyzer, cable certifiers, and testers
- Digital multi-meters
- Oscilloscopes, signal generator, and power supplies
- Spectrum analyzers
- Cell site test sets
- AM/FM signal generators/modulators
- Antenna system testers
- In-line watt meters
- Telephone key system, PBX, and VoIP system
- Voice mail system
- PA systems 24V and 70V
- Fire alarm system
Perry Technical Institute’s Instrumentation & Industrial Automation Technology program introduces students to today’s world of computerized industrial automated manufacturing.

The program’s curriculum covers basic mathematics for electronics, electricity, solid state, digital devices, applied physics, and calculus. Programmable logic controllers, transmitters, transducers, recorders, and controllers are used to simulate control techniques. Temperature, level, flow, and pressure are just a few of the process controls that instrumentation technicians monitor, install, troubleshoot, repair, and calibrate.

The goal of the Instrumentation & Industrial Automation Technology program is to provide the resources and instruction students need to obtain entry-level employment as instrumentation technicians. Trained instrumentation technicians work in industries such as petrochemical, pulp and paper, chemical, food processing, metal refining, power generation, and engineering.

The Instrumentation & Industrial Automation Technology program is 24 months in length (eight quarters). The student will earn 159.0 credit hours which are 2,688 clock hours. Tuition is payable on a quarterly basis. There are four quarters in an academic year.

This training program concludes with an externship off campus, or with the completion of a capstone project on campus. The student to instructor ratio for the Instrumentation & Industrial Automation Technology program is 23:1.

**PROGRAM OUTLINE**

<table>
<thead>
<tr>
<th>Quarter 1</th>
<th>IN 110 Math for Electronics</th>
<th>Clock Hours</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>IN 111 Electrical Fundamentals I</td>
<td>137</td>
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<tr>
<td></td>
<td>IN 112L Lab &amp; Shop Projects</td>
<td>95</td>
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<td>336</td>
<td>21.0</td>
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</table>

| Quarter 2 | IN 120 Solid State Devices | 72          | 5.0          |
|           | IN 121 Electrical Fundamentals II | 108        | 7.5          |
|           | IN 122L Lab & Shop Projects  | 156         | 7.5          |
|           |                             | 336         | 20.0         |

| Quarter 3 | IN 130 Operational Amplifiers | 84          | 5.5          |
|           | IN 131 Physics I | 50          | 3.5          |
|           | IN 132 Instrumentation I | 43          | 3.0          |
|           | IN 133L Lab & Shop Projects | 159        | 7.5          |
|           |                             | 336         | 19.5         |

| Quarter 4 | IN 140 Physics II | 110         | 7.5          |
|           | IN 141 Calculus I | 43          | 3.0          |
|           | IN 142 Instrumentation II | 65        | 4.5          |
|           | IN 143L Lab & Shop Projects | 118      | 5.5          |
|           |                             | 336         | 20.5         |

| Quarter 5 | IN 210 Calculus II | 72          | 5.0          |
|           | IN 211 Instrumentation III | 69        | 4.5          |
|           | IN 212 Motor Control | 25          | 1.5          |
|           | IN 213L Lab & Shop Projects | 170      | 8.5          |
|           |                             | 336         | 19.5         |

| Quarter 6 | IN 220 Industrial Computing I | 95          | 6.5          |
|           | IN 221 Instrumentation IV | 100         | 7.0          |
|           | IN 222L Lab & Shop Projects | 141       | 7.0          |
|           |                             | 336         | 20.5         |

| Quarter 7 | IN 230 Programmable Logic Controllers | 90          | 6.0          |
|           | IN 231 Digital Fundamentals | 87          | 6.0          |
|           | IN 232 Networking Fundamentals | 30          | 2.0          |
|           | IN 233L Lab & Shop Projects | 129         | 6.0          |
|           |                             | 336         | 20.0         |

| Quarter 8 | IN 240 Analytical Instruments | 64          | 4.5          |
|           | IN 241 Industrial Computing II | 30          | 2.0          |
|           | IN 242 Employment Preparation | 72          | 5.0          |
|           | IN 243L Lab & Shop Projects | 50          | 2.5          |
|           | IN 244E Externship | 120         | 4.0          |
|           |                             | 336         | 18.0         |

Program Totals 2,688 159.0
INSTRUMENTATION & INDUSTRIAL AUTOMATION TECHNOLOGY COURSE DESCRIPTIONS

IN 110 Math for Electronics
This course covers numbers, addition, subtraction, multiplication, and division of polynomials, equations, powers of 10, units and dimensions, special products and factoring, algebraic fractions, fractional equations, graphs, simultaneous equations, exponents and radicals, and quadratic equations.

IN 111 Electrical Fundamentals I
Introduces electric circuits, starting with the nature of electricity, Ohm’s Law and electrical calculations, conductors, insulators, and resistors, series resistive circuits, parallel resistive circuits, series-parallel resistive circuits, voltage cells, and batteries. Network analysis techniques and network theorems are also covered.

IN 112L Lab & Shop Projects
School rules, conduct and dress code, including proper clothing requirements and the use of safety glasses, general safety practices concerning the usage and proper maintenance procedures for electrical and general shop equipment. First aid and CPR training for two-year certification, tool and book purchases, explanation of ISA, overview of basic personal computer operation including the Windows environment focusing on desktop and Explorer. Microsoft Word will be incorporated into technical report writing skills, use of word processor for lab assignments, and applying classroom theory to practical lab assignments.

IN 120 Solid State Devices
The curriculum covers basic definitions, semiconductor diodes, rectifier diode circuits, basic DC power supply, and transformer usage. DC power supplies – single phase, transistor as DC switch, transistor as an AC amplifier, silicon controlled rectifiers, triac, diac, and unijunction transistor, and solid state transducers.

IN 121 Electrical Fundamentals II
Electrical fundamentals are expanded. Magnetism, magnetic circuits, inductance, capacitance, series and parallel AC circuits, and power in AC circuits. Angles, trigonometric functions, trigonometric tables, solution of right triangles, trigonometric identities and equations, elementary plane vectors, periodic functions, and phasor algebra.

IN 122L Lab & Shop Projects
Classroom theory is applied to practical lab assignments and simulators, using Microsoft Word and AutoCad.

IN 130 Operational Amplifiers
Students are introduced to OP Amps and have their first experiences with inverting and non-inverting amplifiers, comparators and controls, differential, instrumentation, and bridge amplifiers, and integrated circuit timers.

IN 131 Physics I
Technical mathematics and friction, equilibrium, projectile motion, torque and rotational equilibrium, and uniformly accelerated motion are covered in this section of physics.

IN 132 Instrumentation I
Loop concepts, calibration methods, analog transmitters, transducers, controllers, and process variables are covered.

IN 133L Lab & Shop Projects
Classroom theory is applied to practical lab assignments and simulators, using Microsoft Word and AutoCad.

IN 140 Physics II
Uniformly accelerated motion is covered in this section of physics. Newton’s Second Law; work, energy and power; impulse and momentum; simple machines; elasticity; fluids at rest; fluids in motion; temperature and expansion; quantity of heat; transfer of heat; and thermal properties of matter are covered.

IN 141 Calculus I
Students learn analytic geometry, equations of curves and curve sketching, functions, and derivatives.

IN 142 Instrumentation II
This course covers instrumentation concepts, calibration, analog and smart transmitters, transducers, and process variables.

IN 143L Lab & Shop Projects
Classroom theory is applied to practical lab assignments and simulators, using Microsoft Word and AutoCad. Safety is stressed at all times.

IN 210 Calculus II
Students will learn formulas for calculating derivatives, applications of derivatives, anti-differentiation, trigonometric functions, and definite integral calculus.

IN 211 Instrumentation III
This course covers process and instrumentation diagramming, loop sheets, electrical diagramming, proportional, integral and derivative controls, and tuning controllers.

IN 212 Motor Control
Students learn about lock-out tag-out, electric symbols, ladder diagramming, contactors, single-phase, three-phase, DC motors, and variable speed devices.

IN 213L Lab & Shop Projects
Classroom theory is applied to practical lab assignments and simulators, using Microsoft Word and AutoCad. Safety is stressed at all times.

IN 220 Industrial Computing I
Curriculum explores configurations of distributive process control, hardware implementations, and plant loop communications all utilizing control simulators.

IN 221 Instrumentation IV
Instrumentation IV covers configurations of distributive process control, hardware implementations, and plant loop communications all utilizing control simulators, Fluid power systems, control valves, and valve positioners. Advanced control concepts.

IN 222L Lab & Shop Projects
Classroom theory is applied to practical lab assignments and simulators, using Microsoft Word and AutoCad. Safety is stressed at all times.

IN 230 Programmable Logic Controllers
The course provides an overview of PLCs, PLC hardware components, fundamentals of logic, basics of PLC programming, developing PLC ladder and wiring diagrams, and basic PLC functions.
**IN 231 Digital Fundamentals**
Introductory digital concepts, number systems, operations, and codes, logic gates are covered along with Boolean algebra and logic simplification, combinational logic, functions of combinational logic, flip-flops, and related devices.

**IN 232 Networking Fundamentals**
The course introduces networks, network components, and real-world networks.

**IN 233L Lab & Shop Projects**
Classroom theory is applied to practical lab assignments and simulators, using Microsoft Word and AutoCad. Safety is stressed at all times.

**IN 240 Analytical Instruments**
Students will explore applications and implementation of process analyzer systems and study chemistry as it pertains to process analyzers. Theory and operation of electrochemical and compositional process analyzers will be covered.

**IN 241 Industrial Computing II**
Industrial Computing II expands upon hardware and software configurations and implementation utilizing software packaged for personal computers that provides interfaces between operator and controller. HMI software configurations on PLC-controlled simulators are also explored.

**IN 242 Employment Preparation**
Students will create a resume to be used in the job search and develop a list of potential employers for setting interview schedules. Interviewing techniques will be discussed and feedback will be given from practice interviews. Students will also review material from previous sections.

**IN 243L Lab & Shop Projects**
Classroom theory will be applied to practical lab assignments and simulators, using Microsoft Word and AutoCad. Safety is stressed at all times.

**IN 244E Externship**
Students who have a job offer as an instrumentation technician may leave the program and work in the field under a training extern agreement with Perry Technical Institute, the employer, and the student. Completion of the externship packet is required. The Learning Resource System (LRS) contains valuable resources to assist in the completion of this project. Students not receiving an externship will be required to complete a SCADA capstone project.

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**INSTRUMENTATION & INDUSTRIAL AUTOMATION TECHNOLOGY BOOK AND TOOL LIST**
The book and tool list for students in the Instrumentation & Industrial Automation Technology program is intended to be a minimum requirement to complete the program. The book and tool list will be provided no later than the first day of class. For specifics on cost of books, training materials, uniforms, and tools, please refer to page 15.

**INSTRUMENTATION & INDUSTRIAL AUTOMATION TECHNOLOGY EQUIPMENT LIST**
Students in the Instrumentation & Industrial Automation Technology program utilize the following equipment:

- Computers
- Signal generators
- Oscilloscopes and related electronic equipment
- Digital multi-meter
- Analog/digital transmitter
- Control valves
- Recorders
- Variable frequency drives
- Motor control stations
- Pumps
- PLC labs
- HMI labs
- Hydraulic labs
- Smart communication devices
- Distributed control system
medical assistant

The Medical Assistant program prepares students for entry-level positions with medical offices and hospitals. Students will be equipped with valuable skills in office administration as well as clinical and patient care skills. Medical assistants are commonly employed in physicians’ offices, outpatient clinics, health maintenance organizations, and hospitals. The program consists of three quarters of coursework followed by an externship with a local employer during the fourth quarter.

The goal of the Medical Assistant program is to prepare graduates for entry-level positions as medical assistants.

The Medical Assistant program is 12 months in length (four quarters). The courses prepare students to take the Registered Medical Assistant (RMA) examination. The student will earn 74.5 credit hours which are 1,344 clock hours. Tuition is payable on a quarterly basis. There are four quarters in an academic year.

This training program concludes with an externship off campus. The student to teacher ratio for the Medical Assistant Program is 26:1.

PROGRAM OUTLINE

<table>
<thead>
<tr>
<th>Quarter 1</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Clock Hours</th>
<th>Credit Hours</th>
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<td>3.5</td>
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<td>MED 126</td>
<td>The Human Body In Health &amp; Disease I</td>
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<tr>
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<td>Clinical Aspects of Coding &amp; Billing</td>
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<td>MED 222</td>
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<td>Program Totals</td>
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MEDICAL ASSISTANT COURSE DESCRIPTIONS

MED 110 Computer Applications
This course covers the basics of computer hardware and software, networks, the Internet, Word, Excel, basic keyboarding, and Outlook.

MED 111 Business English
A concentrated review of sentence writing, this course emphasizes sentence combining, basic mechanics, and paragraph writing.

MED 116 Business Presentation & Communication
This course provides instruction in developing presentation materials, public speaking, and Microsoft PowerPoint. Students will be exposed to a wide variety of communication skills necessary for success in medical assisting. Student will be given the opportunity to practice active listening, motivational interviewing, patient education, and communicating through an interpreter. Emphasis is also placed on the fundamentals of etiquette as they relate to business relationships inside and outside the office.

MED 126 The Human Body in Health & Disease I
An introduction to the structure and function of the human body utilizing a system approach. Emphasis placed on human anatomy as well as the physiology of the cell, skeletal system, muscular system, nervous, system cardiovascular, respiratory, urinary, reproductive, endocrine, digestive, lymphatic, special senses, and integumentary systems. Emphasis placed on the disease processes affecting the human body via an integrated approach to specific disease entities, including the study of causes, diagnosis, and treatment of disease.

MED 132 Medical Terminology
This course is designed to teach students to accurately spell, pronounce, and define common medical terms related to major disease processes, diagnostic procedures, laboratory tests, abbreviations (including legal), drugs, and treatment modalities.

MED 127 Office Administration
This course is designed to teach students reception duties, the operation of office equipment, collections, financial management, and basic math skills as they relate to medical assistant duties.

MED 128 HIPAA, Ethics, & Blood Borne Pathogens
This course examines the ethical challenges facing individuals and businesses in modern society. The course utilizes case studies of professionals working in various areas of business and provides guest speakers with real-world experiences. Students will receive blood borne pathogens training.

MED 136 The Human Body in Health & Disease II
This course is a continuation of MED 126.

MED 142 Pharmacology I
Provides a basic knowledge of pharmacology, including the legal and ethical issues; terms and abbreviations; involvement of governmental agencies; role of providers and allied health professionals; and reading, interpreting and documenting medication orders. This class includes the administration of medication including: safety and quality assurance, enteral, percutaneous, and parenteral routes of medication, medication for multi-system application, and medications related to body systems. This course contains a math component with regard to administering medications.

MED 143 Clinical Procedures I
Demonstrations are provided on assisting the physician in performing physical examinations. Emphasis is placed on obtaining the medical history, measuring vital signs, auditory and visual testing, exam room preparation, equipment set-up, and proper positioning and draping of patients. Patient charting and documentation is also practiced. OSHA and PPE will be covered in this course.

MED 124 Career Planning
This course is designed to teach students how to write a professional resume package and to learn basic interviewing skills.

MED 144 Practice Management & EHR
Overview of commonly available software tools used in health care. Introduction to the electronic health record process and medical office database management software found in American health care delivery.

MED 210 Clinical Aspects of Coding & Billing
Overviews of Medicaid, Medicare, private insurance, and managed care verification and benefits are presented. Pre-authorization, referral procedures, and medical record documentation will be practiced. This course includes an introduction to the basics of diagnostic and procedure coding and presents students with the characteristics and conventions of ICD-9-CM, ICD-10-CM, CPT-4, and HCPCS coding.

MED 212 Pharmacology II
This is the second of two pharmacology classes. Students will learn the effects of medication and common drugs used with each body system including antineoplastics, analgesics, antipyretics, nutritional supplements, and alternative medicines. Students will be introduced to WA IIS. Inventory control and management processes will also be taught.

MED 213 Clinical Procedures II
Techniques are taught to enable students to perform the routine laboratory procedures conducted in physicians' offices. Information regarding laboratory mathematics and measurement, use of laboratory equipment, collection and processing of specimens, microbiology, phlebotomy, and routine blood testing is presented. Students will learn about CLIA regulations and what types of tests can be conducted in a CLIA-waived lab. Students will also learn about and practice set up and assisting techniques for various surgical procedures.

MED 221 Clinical Procedures III
This course provides a review of the material covered in Clinical Procedures I and II. Students will demonstrate competency in each of the areas taught during the previous courses, as well as cover additional material related to specialty procedures. This course will also cover externship preparation as well lab safety, electrocardiography, pulmonary testing, and urinalysis.

MED 223E Externship
This externship provides the student an opportunity to apply the principles and practices learned in the program and utilize entry-level medical assistant skills in working with patients. The student will work under the direct supervision of qualified personnel at the participating site, and under general supervision of program faculty. Performance evaluations will be received bi-weekly from the supervising personnel at the participating site.

MED 224E Externship
This externship provides the student an opportunity to apply the principles and practices learned in the program and utilize entry-level medical assistant skills in working with patients. The student will work under the direct supervision of qualified personnel at the participating site, and under general supervision of program faculty. Performance evaluations will be received bi-weekly from the supervising personnel at the participating site.

MED 225E Externship
This externship provides the student an opportunity to apply the principles and practices learned in the program and utilize entry-level medical assistant skills in working with patients. The student will work under the direct supervision of qualified personnel at the participating site, and under general supervision of program faculty. Performance evaluations will be received bi-weekly from the supervising personnel at the participating site.

MED 226E Externship
This externship provides the student an opportunity to apply the principles and practices learned in the program and utilize entry-level medical assistant skills in working with patients. The student will work under the direct supervision of qualified personnel at the participating site, and under general supervision of program faculty. Performance evaluations will be received bi-weekly from the supervising personnel at the participating site.

MED 227E Externship
This externship provides the student an opportunity to apply the principles and practices learned in the program and utilize entry-level medical assistant skills in working with patients. The student will work under the direct supervision of qualified personnel at the participating site, and under general supervision of program faculty. Performance evaluations will be received bi-weekly from the supervising personnel at the participating site.

MED 228E Externship
This externship provides the student an opportunity to apply the principles and practices learned in the program and utilize entry-level medical assistant skills in working with patients. The student will work under the direct supervision of qualified personnel at the participating site, and under general supervision of program faculty. Performance evaluations will be received bi-weekly from the supervising personnel at the participating site.

MED 229E Externship
This externship provides the student an opportunity to apply the principles and practices learned in the program and utilize entry-level medical assistant skills in working with patients. The student will work under the direct supervision of qualified personnel at the participating site, and under general supervision of program faculty. Performance evaluations will be received bi-weekly from the supervising personnel at the participating site.

MED 230E Externship
This externship provides the student an opportunity to apply the principles and practices learned in the program and utilize entry-level medical assistant skills in working with patients. The student will work under the direct supervision of qualified personnel at the participating site, and under general supervision of program faculty. Performance evaluations will be received bi-weekly from the supervising personnel at the participating site.

MED 231E Externship
This externship provides the student an opportunity to apply the principles and practices learned in the program and utilize entry-level medical assistant skills in working with patients. The student will work under the direct supervision of qualified personnel at the participating site, and under general supervision of program faculty. Performance evaluations will be received bi-weekly from the supervising personnel at the participating site.

MED 232E Externship
This externship provides the student an opportunity to apply the principles and practices learned in the program and utilize entry-level medical assistant skills in working with patients. The student will work under the direct supervision of qualified personnel at the participating site, and under general supervision of program faculty. Performance evaluations will be received bi-weekly from the supervising personnel at the participating site.

MED 233E Externship
This externship provides the student an opportunity to apply the principles and practices learned in the program and utilize entry-level medical assistant skills in working with patients. The student will work under the direct supervision of qualified personnel at the participating site, and under general supervision of program faculty. Performance evaluations will be received bi-weekly from the supervising personnel at the participating site.

MED 234E Externship
This externship provides the student an opportunity to apply the principles and practices learned in the program and utilize entry-level medical assistant skills in working with patients. The student will work under the direct supervision of qualified personnel at the participating site, and under general supervision of program faculty. Performance evaluations will be received bi-weekly from the supervising personnel at the participating site.

MED 235E Externship
This externship provides the student an opportunity to apply the principles and practices learned in the program and utilize entry-level medical assistant skills in working with patients. The student will work under the direct supervision of qualified personnel at the participating site, and under general supervision of program faculty. Performance evaluations will be received bi-weekly from the supervising personnel at the participating site.
MEDICAL ASSISTANT PROGRAM BOOK AND TOOL LIST
The book and tool list for students in the Medical Assistant program is intended to be a minimum requirement to complete the program. The book and tool list will be provided no later than the first day of class. For specifics on cost of books, training materials, uniforms, and tools, please refer to page 14.

MEDICAL ASSISTANT PROGRAM EQUIPMENT LIST
Students in the Medical Assistant program utilize the following equipment:

- Computers
- Exam tables
- ECG/EKG unit
- Autoclave
- Microscopes
- Venipuncture and injection simulators
Perry Technical Institute’s Medical Office Administration & Coding program provides a combination of training in traditional office skills, soft skills, and specialized medical office billing and coding procedures.

Students gain a solid understanding of computers including entry-level keyboarding operations, basic computer maintenance, the Windows operating system, and software applications. Students learn the soft skills needed in the office environment and the importance of career planning and how to develop a positive customer service environment. Students then advance into more specialized subjects. They learn the basics of working in a medical office setting. Subjects include: medical terminology, anatomy and physiology, human diseases, medical office procedures, and basic and advanced diagnostic and procedures coding.

The program prepares students to take the AAPC’s Certified Professional Coder (CPC) exam.

The goal of the Medical Office Administration & Coding program is to prepare graduates for entry-level positions in the growing field of health care. Graduates of this program will be prepared for positions such as: medical office assistant, medical coder, receptionist, reimbursement specialist, and other administrative positions in medical offices, hospitals, and other health care organizations.

The Medical Office Administration & Coding program is 12 months in length (four quarters). The student will earn 77 credit hours which are 1,344 clock hours. Tuition is payable on a quarterly basis. There are four quarters in an academic year.

This training program concludes with an externship off campus, or with the completion of a capstone project on campus. The student to instructor ratio for the Medical Office Administration & Coding program is 26:1.

**PROGRAM OUTLINE**

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Clock Hours</th>
<th>Credit Hours</th>
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<tr>
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<td>Computer Applications</td>
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**Program Totals** 1,344 77.0
MEDICAL OFFICE ADMINISTRATION & CODING

PROGRAM COURSE DESCRIPTIONS

MOA 110 Computer Applications
This course covers the basics of computer hardware and software, networks, the Internet, Outlook, Word and Excel.

MOA 111 Business English
A concentrated review of sentence writing, this course emphasizes sentence combining, basic mechanics, and paragraph writing.

MOA 112 Keyboarding
In this course, students learn beginning typing and 10-key skills. The objectives are for students to learn how to type by touch and how to take a timed keyboarding test for accuracy and speed.

MOA 117 The Human Body in Health & Disease
An introduction to the structure and function of the human body utilizing a system approach. Emphasis placed on the basics of human anatomy as well as the physiology of the, skeletal system, muscular system, nervous system, cardiovascular, respiratory, urinary, reproductive, endocrine, digestive, lymphatic, special senses, and integumentary systems. This course will also cover the diseases and interventions commonly used in each system.

MOA 126 Introduction to CPT & ICD-10 Coding
This course is an introduction to basic coding concepts. Focus is placed on using official coding guidelines correctly and the course includes extensive practice coding exercises.

MOA 128 Electronic Health Care Records
Overview of commonly available software tools used in health care. Introduction to the electronic health record process and medical office database management software found in American health care delivery.

MOA 131 Health Care Law & Ethics
This course examines the ethical challenges facing individuals and businesses in modern society. The course utilizes case studies of professionals working in various areas of business and provides guest speakers with real-world experiences. Great emphasis is placed on HIPAA and Washington State Privacy laws.

MOA 132 Medical Terminology
This course is designed to teach students to accurately spell, pronounce, and define common medical terms related to major disease processes, diagnostic procedures, laboratory tests, abbreviations, drugs, and treatment modalities.

MOA 133 Medical Career Planning
Students learn advanced interviewing skills, how to construct a portfolio of their work, and job-seeking skills. This course will guide the student through the elements of career planning, including self-understanding and exploring a variety of medical careers paths.

MOA 135 Computers in Health Care
Overview of commonly available software tools used in health care. Introduction to the electronic health record process and medical office database management software found in American health care delivery.

MOA 136 Intermediate CPT & ICD-10 Coding
This course will serve as a continuation of basic diagnostic coding and the characteristics and conventions of ICD-10-CM coding. A brief history of ICD-9 and the transition to ICD-10-CM will be covered. Students will analyze and discuss case studies using more complex code assignments with ICD- 10-CM. This course will also provide some review in medical terminology and anatomy.

MOA 137 Medical Reimbursement I
Students will study federal, state, and private health insurance plans including managed care systems. Students will learn the processing cycle of health insurance claims, health insurance terminology, reimbursement methodologies for professional services, and proper completion of the 1500 billing form. Students will have hands-on experience with simulated practice management software. An overview of billing system management reports and legal issues related to reimbursement processing. Students will learn math concepts associated with coinsurance, deductibles, allowances, and RVUs.

MOA 143 Medical Office Procedures
This course introduces and teaches the tasks of a medical office assistant’s career: How to perform administrative functions, records management, medical communications, scheduling appointments, and an introduction to patient billing and processing insurance claims. Emphasis is placed on developing a working knowledge of concepts, processes, and procedures in the billing cycle from point of service to receipt of payment. The course covers how to recognize components of a compliance plan for physician office billing, filing of appeals and focuses on decision making and critical thinking activities. Students will learn the importance of customer service in the medical industry. Effective verbal communication and telephone skills are taught. Problem resolution skills and how to handle difficult situations are important elements of this course. Students use Medisoft Practice Management to complete real-world scenarios.

MOA 144 Advanced CPT & ICD-10 Coding
This course provides students with advanced understanding of complex coding scenarios, with an emphasis on medical coding services such as medical visits, diagnostic testing and interpretation, treatments, surgeries, and anesthesia. This course covers more advanced coding concepts using step-by-step methods that give a more in-depth understanding of physician-based medical coding to ensure gathering the correct information from documents, selecting the right codes, and determining the correct sequencing of those codes.

MOA 145 Medical Reimbursement II
This course is a continuation of Medical Reimbursement I. Students will continue to work through the same objectives for Medical Reimbursement I.

MOA 210 Business Communication
Students learn how to establish credibility in the workplace as well as the principles of interpersonal communication. This course will give students the skills they need for team communication, difficult conversations, managing meetings, and creating effective business messages.
MOA 212 Health Care Delivery Systems
Students will demonstrate an understanding of health care delivery systems. They will analyze the organization of health care delivery in hospitals, mental health and ambulatory care centers, home health agencies, and nursing homes. Students will have extensive hands-on experience with the UBO4. Emphasis is placed on hospital inpatient billing.

MOA 223E Medical Coding Practicum Externship
The externship will provide students with coding practices in a hospital, physician’s office, clinic or other health care setting with directed projects common to a clinical coding specialist on the job. Students will practice with clinical code assignments and billing methodologies, including projects and cases that replicate typical coding tasks in a physician’s office, hospital outpatient clinic, ambulatory surgery, and hospital acute care settings that employ coding professionals. This practicum will focus on building speed and accuracy using actual medical records. If the student does not obtain an externship, completion of a capstone project is required.

MEDICAL OFFICE ADMINISTRATION & CODING BOOK AND TOOL LIST
The book and tool list for students in the Medical Office Administration & Coding program is intended to be a minimum requirement to complete the program. The book and tool list will be provided no later than the first day of class. For specifics on cost of books, training materials, uniforms, and tools, please refer to page 14.

MEDICAL OFFICE ADMINISTRATION & CODING EQUIPMENT LIST
Students in the Medical Office Administration & Coding program utilize the following equipment:

- Computers
- Copy machines
- Scanners
- Fax machines
- 10-key calculator
Perry Technical Institute’s Precision Machining & Manufacturing program teaches students the machine trade through the integration of machining theory and practical application in the machine shop. Students use the skills they learn to plan and carry out the operations needed to make machined products that meet precise specifications.

The working properties of metals, applied mathematics, blueprint reading, computer numerical control (CNC) programming, and computer-aided manufacturing (CAM) using Mastercam are some of the subjects students study to develop the skills demanded by today’s industry. The program prepares students to take the Mastercam certification exam.

The goal of the Precision Machining & Manufacturing program is to prepare students for entry-level positions in a variety of manufacturing fields. Graduates will be qualified for positions in industries such as manufacturing, prototyping, job shops, power generation, aerospace, food processing, medical equipment, and other specialty machining industries.

The Precision Machining & Manufacturing program is 12 months in length (four quarters). The student will earn 75 credit hours which are 1,344 clock hours. Tuition is payable on a quarterly basis. There are four quarters in an academic year.

This training program concludes with an externship off campus, or with the completion of a capstone project on campus. The student to instructor ratio for the Precision Machining & Manufacturing program is 28:1.

PROGRAM OUTLINE

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Program Totals 1,344 75.0
PRECISION MACHINING & MANUFACTURING

COURSE DESCRIPTIONS

PM 110 Industrial Mathematics I
Operations with fractions, mixed numbers, and decimals as they relate to the machine trades. The topics covered are the basic math skills of addition, subtraction, multiplication, and division. Calculations involving exponents are also covered as well as the fundamentals of algebra found in the machine trades. Topics include using the principles of equality and rearranging of formulas to solve common shop problems.

PM 111 Elementary Blueprint Reading I
Develops the fundamental skills needed to read and interpret industrial drawings. Topics covered include drawing layouts, drawing symbols, and the different drawing views used to describe machined parts.

PM 112 Machine Tool Practices I
This course covers general shop safety as well as procedures for each group of machine tools. Topics including proper clothing, eye protection, lifting, first aid, and CPR. Also covered are the operation and setup of turning machines, drill presses, sawing machinery, and shop presses along with an introduction to turning machines. Topics include tooling, machine operation, the different types of lathes, including nomenclature, and set-up theories. Other topics include the use of hand tools, the use of measuring instruments such as steel rules, vernier scales, micrometers, and dial indicators. Dimensional measurements will encompass comparison measuring tools, gage blocks, and angular measuring tools. Precision layout techniques, drill bit sharpening, and tapping are also covered.

PM 113L Machine Lab
Classroom theory on the operation of drill presses, band saws, bench grinders, and basic hand tools will be applied in the shop. Operations performed will include filing a block square, hacksaw use, precision hole layout, drill bit sharpening, drilling, and tapping. Classroom theory on the operation and set-up of engine lathes will be applied in the shop. Operations will include turning, thread cutting, grooving, drilling, and tapping. Also covered are the set-ups of four-jaw chucks and collets.

PM 120 Industrial Mathematics II
This course covers the fundamentals of plane geometry. Common shop problems are solved by applying the geometric principles of triangles, common polygons, and circles. Other topics covered include area and volume calculations, trigonometric functions as they apply in the machine trades, calculations of angles and sides of right triangles, the Cartesian coordinate system, and the laws of sines and cosines.

PM 121 Elementary Blueprint Reading II
Further develops the skills learned in Elementary Blueprint Reading I. Topics covered include the dimensions and symbols used to call-out common features such as counter bores, countersinks, fillets, and spot faces. Other topics include tapers, chamfers, bevels, and screw threads.

PM 122 Machine Tool Practices II
Covers operation and set-up theories of the vertical milling machine. Topics covered include face milling, rough/finish milling, hole layout, offset boring head, drilling, and tapping. Also covered are heat treating of materials, material properties, and material application.

PM 123L Machine Lab
Introductions to the horizontal milling machine and surface grinder will include tooling, set-ups, and operation demonstrations. Milling topics covered include tooling, set-ups, and operation demonstrations. Surface grinding topics include selection of grinding wheels, coolant, and work-holding options. General shop procedures covered will include countersinking, counter boring, and reaming.

PM 123L Machine Lab
Course theory on the operation and set-up of the vertical and horizontal milling machines will be applied in the shop. Operations will include face milling, rough/finish milling, hole layout, drilling, and tapping. Also covered are general machine set-ups including dialing vises and head traming. Classroom theory on the operation and set-up of the surface grinder will be applied in the shop. Surface grinder operations will include block squaring and angle grinding.

PM 130 GD&T I
This course covers the fundamental geometric dimensioning and tolerancing skills needed to interpret industrial drawings. Topics include basic dimensioning and tolerancing rules, definitions, symbols, form variation, and basic fits of mating parts. Other topics include datums, material conditions, and material boundaries. Baseline, chain, direct and alternate dimensioning methods are also covered.

PM 131 CNC Machine Tool Operation I
This course covers the manual programming of CNC machining centers. Topics include defining numerical control, machine types and layouts, coordinate geometry, basic machine control features, programming codes, program structure, tool function, reference points, work and tool offsets, and rapid positioning. Also covered are linear interpolation, fixed cycles, and hole machining.

PM 132 Mastercam Mill Level One I
This course teaches students how to create two- and three-dimensional models using Mastercam software. Topics include creating geometry, filleting, and trimming. Other topics include the use of mirror image and translation.

PM 133L Machine Lab
Students will complete a series of projects designed to hone the skills needed in industry. They will machine a series of precision parts on CNC machining and turning centers.

PM 140 GD&T II
A continuation of Geometric Dimensioning & Tolerancing I, this course further develops the geometric dimensioning and tolerancing skills needed to interpret industrial drawings. Topics covered include form tolerances, orientation tolerances, profile, run-out, and location tolerances.

PM 141 CNC Machine Tool Operation II
A continuation of CNC Machine Tool Operation I, this course covers the manual programming of CNC machining centers. Topics include cutter diameter compensation, plane selection, circular interpolation contour milling, face milling, and machining slots and pockets. Also covered are turning and boring, lathe fixed cycles, parting off and grooving, threading, facing, and contouring.
PM 142 Mastercam Mill Level One II
Students use Mastercam to create two- and three-dimensional geometry and tool paths. Topics include toolpath selection, proper use of stock setup, tool libraries, and tool path verification.

PM 143L Machine Lab
Students will complete a series of projects designed to hone the skills needed in industry. They will machine a series of precision parts on CNC machining and turning centers.

PM 144E Machine Externship
Students work in various local machine shops under the supervision of an approved employer. Students must have a 3.0 GPA or better in current coursework, must not be under any type of probationary contract, and must complete and submit a regular work experience employer evaluation. The instructor or administration may terminate the externship at any time if the student does not adhere to the requirements stated in the externship training packet. If a student does not obtain an externship, completion of a machine capstone project will be required.

PRECISION MACHINING & MANUFACTURING BOOK AND TOOL LIST
The book and tool list for students in the Precision Machining & Manufacturing program is intended to be a minimum requirement to complete the program. The book and tool list will be provided no later than the first day of class. For specifics on cost of books, training materials, uniforms, and tools, please refer to page 14.

PRECISION MACHINING & MANUFACTURING EQUIPMENT LIST
Students in the Precision Machining & Manufacturing program utilize the following equipment:

- Drill presses
- Arbor and hydraulic presses
- Precision measuring tools
- Tool and cutter grinding machines
- Band saws
- Vertical milling machines
- Horizontal milling machines
- Engine lathes
- Surface grinders
- Computers
- Gear hob
- CNC milling machines
- CNC turning centers
- CNC wire EDM machines
- Plunge EDM machines
welding technology

The Welding Technology program equips students with the skills they need to gain employment as entry-level welders in fields such as structural iron, manufacturing, fabrication, and equipment repair.

The program stresses safe practices for the welding industry. Students are immersed in classroom theory and hands-on lab instruction in welding, fitting, and related metalworking processes. The program provides students with a foundation that includes print reading and fabrication plans for welders. Coursework covers oxyfuel cutting and welding, carbon arc cutting and gouging, shielded metal arc welding, gas metal arc welding, flux core arc welding, gas tungsten arc welding, and pipe welding.

The curriculum progresses into advanced fabrication and metal working equipment techniques. Students are required to demonstrate their skills by completing advanced welding projects. The program prepares students to sit for the American Welding Society (AWS) and Washington Association of Building Officials (WABO) certification tests.

The Welding Technology program is 12 months in length (four quarters). The student will earn 77 credit hours which are 1,344 clock hours. Tuition is payable on a quarterly basis. There are four quarters in an academic year.

This training program concludes with an externship off campus, or with the completion of a capstone project on campus. The student to instructor ratio for the Welding Technology program is 22:1.

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Program Totals 1,344 77.0
WELDING TECHNOLOGY COURSE DESCRIPTIONS

WLD 110 Introduction to Welding
This course offers an introduction to safety practices and procedures that will be most commonly adhered to in the welding industry. Safety considerations will include proper clothing, eye protection, and workplace hazards. Students will be required to complete the OSHA 10 Web-based training and certification course. Students gain a basic understanding of the common welding procedures and terminology used such as oxyfuel, shielded metal arc welding, gas metal arc welding, flux core arc welding, and gas tungsten arc welding. Students learn to identify different metal types, gain a basic understanding of metallurgy and develop a higher understanding of mechanical property changes.

WLD 112 Introduction to Print Reading
This course offers an introduction to CAD software and blueprint designs. Students will develop the ability to interpret lines, dimensions and notes used on blueprints in the welding and fabrication trades. Mathematic fundamentals are applied to welding in the forms of cost estimation, angular measurement, geometric computation, and number conversions.

WLD 114 Cutting, Gouging & Torch Techniques
This course covers manual, semi-automatic, and CNC cutting operations such as oxyfuel, plasma, and carbon-arc cutting/gouging. Students will also develop skills using band saws, iron workers, and related metal working equipment.

WLD 121 Gas Metal Arc Welding
Students receive introductory instruction regarding the process and theory of gas metal arc welding. Students will be exposed to related equipment, set-up procedures, and safety requirements.

WLD 122 Shielded Metal Arc and Pipe Welding
Students receive introductory instruction regarding the process and theory of shielded metal arc welding. Students will be exposed to the related equipment, set up procedures, and safety requirements. During this course students will also be introduced to the fundamentals and practices of pipe welding.

WLD 130 Flux Cored Arc Welding
In this course, students will gain an understanding of the flux cored arc welding process and related variables. Students will demonstrate the ability to make various fillet and groove welds as well as define the operational differences between the two main types of flux cored electrodes.

WLD 131 Gas Tungsten Arc Welding
Students will be able to apply the correct selection of tungsten, polarity, gas, and proper filler rod. They will perform fillet and groove welds with various electrodes and filler materials on steel, stainless steel, and aluminum.

WLD 140 Advanced Fabrication Techniques
During this course students will work with CAD software to design projects. Students will then perform these hands-on welding projects using specified processes referenced in WPS. During these projects students will learn to overcome fit-up problems, control warp age/distortion and other tolerance controls problems.

WLD 142E Externship
Students will learn advanced career planning practices and demonstrate skills and competencies in extern assignments. Students must have a “C+” or better in current coursework, must not be under any type of probationary contract, and must complete and submit a regular lab work experience employer evaluation. The instructor may terminate industry work experiences at any time if students do not adhere to these requirements. If the student does not obtain an externship, completion of the Welding capstone project is required.

WLD 143 AWS/WABO Certification Prep Course
This course prepares students to sit for the AWS and WABO welding certification tests. Students will receive review instruction in the classroom and lab environments.

WELDING TECHNOLOGY BOOK AND TOOL LIST
The book and tool list for students in the Welding Technology program is intended to be a minimum requirement to complete the program. The book and tool list will be provided no later than the first day of class. For specifics on cost of books, training materials, uniforms, and tools, please refer to page 14.

WELDING TECHNOLOGY EQUIPMENT LIST
Students in the Welding Technology program utilize the following equipment:

- Computers
- Shielded metal arc welding (stick)
- Gas tungsten arc welding (TIG/Heliarc)
- Gas metal arc welding (MIG)
- Flux cored arc welding
- Plasma arc cutting and gouging
- Carbon arc cutting and gouging
- Oxygen acetylene cutting, brazing, and soldering apparatus
- Variety of hand tools
board of trustees

Terry Schmalz
Curtis King
Jake Jundt

administration

Christine Coté, President
B.A. – Central Washington University

Cathy Sterbenz, Director of Finance
B.S. – Central Washington University
Certified Public Accountant

Nathan Hull, Dean of Education
B.S. – Central Washington University
B.A. – Eastern Washington University

Jason Lamiquiz, Associate Dean of Education
A.A.S. – Yakima Valley Community College

Jill Cope, Registrar
B.A. – Minot State University

Chelsea Snodgrass, Director of Career Services
B.S. – Central Washington University

Nicole Trammell Woolpert, Director of Student Enrollment & Marketing
B.S. – Central Washington University

Raul Luna, Associate Director of Student Enrollment
A.A.S. – Yakima Valley Community College

Magnus Altmayer, Associate Director of Enrollment & Registration
B.A. – Whitman College

Kaila Lockbeam, Director of Facilities & Safety

Mayra Fernandez, Director of Financial Aid
A.A.S. – Yakima Valley Community College

Erin Fishburn, Foundation/PR Director
B.S. – Portland State University
M.B.A. – Marylhurst University

Smitha Easter, Public Relations Manager
B.A. – University of Washington

Josh Phillips, Director of Information Technology
B.S. – City University
Certificate – Telecommunications, Perry Technical Institute

Emily Jameson, Director of Institutional Effectiveness & Title IX Coordinator
B.A. – Trinity Western University
M.A. – Eastern University

facultry

AGRICULTURAL EQUIPMENT TECHNICIAN

Nick Romero, Instructor
A.O.S. – Universal Technical Institute

Christian St. Hilaire, Instructor
A.O.S. – Universal Technical Institute

Everardo Torres, Lab Coordinator
Certificate – Automotive, Perry Technical Institute

AUTOMOTIVE TECHNOLOGY

Dusty Morrill, Department Head

Isaac Espinoza, Associate Instructor
Michael Powell, Instructor
Certificate – Automotive, Perry Technical Institute

Ken Waggener, Instructor
Certificate – Automotive, Perry Technical Institute

BUSINESS TECHNOLOGY & ACCOUNTING

Valerie Ryan, Department Head
B.S. – Central Washington University
M.S. – Central Washington University

Mardell Newhouse, Instructor
B.A. – University of Washington
M.B.A. – Western Governors University

CONSTRUCTION

Darin Peters, Department Head

ELECTRICAL TECHNOLOGY

Michael Yusi, Department Head
Certificate – Electrical, Perry Technical Institute

Forrest Buchmann, Instructor
Certificate – Electrical, Perry Technical Institute

Jerome Cobane, Electrical Field Instructor
Certificate – Electrical, Perry Technical Institute

Ray Cyr, Instructor
Certificate – Electrical, Perry Technical Institute

Charles Espinoza, Instructor
Certificate – Electrical, Perry Technical Institute
Jehovani Gutierrez, Instructor  
Certificate – Electrical, Perry Technical Institute

Dan Lovestrand, Electrical Field Instructor  
Certificate – Electrical, Perry Technical Institute

Adam Rieker, Instructor  
Certificate – Electrical, Perry Technical Institute

Gary Shipley, Electrical Field Instructor  
Certificate – Electrical, Perry Technical Institute

Matthew Shipley, Instructor  
Certificate – Electrical, Perry Technical Institute

Mike Tucker, Instructor  
Certificate – Electrical, Perry Technical Institute
A.A.S. – Yakima Valley Community College

Ron Zike, Instructor  
HEATING, VENTILATION, AIR CONDITIONING & REFRIGERATION TECHNOLOGY

Dan Henderson, Department Head  
A.A.S. – Yakima Valley Community College

Eric Greeno, Instructor  

David Juarez, Instructor  

Ignacio Lopez, Instructor  

INFORMATION TECHNOLOGY & COMMUNICATION SYSTEMS

Andy Fischer, Department Head  
Certificate – Telecommunications, Perry Technical Institute
A.A.S. – Yakima Valley Community College

Jeanine Benoit, Instructor  
Certificate – Telecommunications, Perry Technical Institute

Francisco Magana, Instructor  
Certificate – Telecommunications, Perry Technical Institute
A.A.S. – Yakima Valley Community College

Matt Sund, Instructor  
Certificate – Telecommunications, Perry Technical Institute
B.A. – Central Washington University

INSTRUMENTATION & INDUSTRIAL AUTOMATION TECHNOLOGY

Tony Nirk, Department Head  
Certificate – Instrumentation, Perry Technical Institute
A.A.S. – Pierce College Fort Steilacoom

Larry Dagdagan, Instructor  
Certificate – Instrumentation, Perry Technical Institute

Casey Fioren, Instructor  
Certificate – Instrumentation, Perry Technical Institute

Patrick Jones, Instructor  
Certificate – Instrumentation, Perry Technical Institute

John Koenes, Instructor  
Certificate – Instrumentation, Perry Technical Institute
A.A. – Centralia Community College

Doug Oswalt, Instructor  
Certificate – Instrumentation, Perry Technical Institute

Gerry Ries, Instructor  
Certificate – Instrumentation, Perry Technical Institute

Carlos Sanchez, Instructor  
Certificate – Instrumentation, Perry Technical Institute

Max York, Instructor  
Certificate – Instrumentation, Perry Technical Institute
A.A.S. – ITT Technical Institute

PRECISION MACHINING AND MANUFACTURING TECHNOLOGY

Dan Steinmetz, Department Head

Jay Wellner, Instructor  
Certificate – Machine, Perry Technical Institute

MEDICAL TECHNOLOGY

Lashel Church, Department Head  
American Academy of Professional Coders – Certified

Angela Fiscus, Instructor  
Certificate – Medical Office Administration & Coding, Perry Technical Institute
American Academy of Professional Coders – Certified

Cheryl Johnson, Instructor  
A.A.S. – Yakima Valley Community College

Kindra Perez, Lab Coordinator  
A.A.S. – Yakima Valley Community College

WELDING TECHNOLOGY

Leonard Thompson, Instructor

Branden Calahan, Lab Coordinator  
Certificate – Welding, Perry Technical Institute

Scott Hamway, Instructor  
A.A.S. – Washtenaw Community College

Clay Houston, Instructor
phone list

Perry Technical Institute Main Office is open Monday through Thursday from 6:30 a.m. to 5:30 p.m.
The Learning Resource Center is open Monday from 6:30 a.m. to 7:00 p.m. and Tuesday through Thursday from 6:30 a.m. to 6:00 p.m.

To reach the following, please dial 509.453.0374 and ask for the extension.

Admissions ................................................................. 5781
Campus Store ............................................................ 5777
Career Services .......................................................... 5776
Disability Accommodations ........................................... 5862
Enrollment Services .................................................... 5750
Facilities & Safety ....................................................... 5790
Financial Aid ............................................................. 5757
Foundation ................................................................. 5728
Learning Resources/Exam Center .................................. 5862
Program Assistance ..................................................... 5743
Registration ............................................................... 5740
Student Accounts ....................................................... 5760
Title IX Coordinator .................................................... 5751
Veterans Affairs ........................................................ 5761
ATTENDANCE POLICY
For specific program hours refer to your Enrollment Agreement.

GRADING
The progress or grading system by which a student will be evaluated is as follows:

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<tr>
<th>Grade</th>
<th>GPA</th>
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<td>1.7</td>
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<tr>
<td>B+</td>
<td>3.3</td>
<td>D+</td>
<td>1.3</td>
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<tr>
<td>B</td>
<td>3.0</td>
<td>D</td>
<td>1.0</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
<td>D-</td>
<td>0.7</td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
<td>F</td>
<td>0.0</td>
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<tr>
<td>P/F</td>
<td>Pass/Fail</td>
<td>R</td>
<td>Repeated</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
<td>CT</td>
<td>Credit Awarded by Testing</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawal</td>
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<tr>
<td>AW</td>
<td>Administrative Withdrawal</td>
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</table>

Only in the case of an approved emergency absence will a student be assigned a grade of incomplete. Students will not be permitted to begin the next quarter of the program until all incomplete grades for previous quarters have been resolved. Before an incomplete grade will be given, an incomplete contract must be signed by the student, instructor and Dean of Education. Students must resolve incompletes by the date listed in the incomplete contract, which will be no later than one year from the end date of the term in which the incomplete was assigned. Students who do not resolve their incompletes before that date will be assigned the grade they would have earned with no credit given for missing assignments.

Students may view their grades or print an unofficial transcript through my.perrytech.edu at any time. A copy is sent to the student’s counselor (if applicable) at the end of each term and the documentation is maintained in the school’s database.

GRADUATION REQUIREMENTS
1. Completion of:
   - 67.0 credit hours for Agricultural Equipment Technician
   - 76.5 credit hours for Automotive Technology
   - 116.0 credit hours for Business Technology & Accounting
   - 72.0 credit hours for Construction
   - 172.5 credit hours for Electrical Technology
   - 169.0 credit hours for Heating, Ventilation, Air Conditioning & Refrigeration Technology
   - 133 credit hours for Information Technology & Communication Systems
   - 159.0 credit hours for Instrumentation & Industrial Automation Technology
   - 74.5 credit hours for Medical Assistant
   - 77.0 credit hours for Medical Office Administration & Coding
   - 72.0 credit hours for Plumbing Technician
   - 75.0 credit hours for Precision Machining & Manufacturing
   - 74.5 credit hours for Welding Technology
2. Maintain satisfactory progress with a minimum grade point average of 2.0
3. Maintain satisfactory attendance record
4. Maintain proper student conduct
5. Full payment or satisfactory arrangement to fulfill all financial obligations

CONDUCT STANDARDS
Admission to Perry Technical Institute carries with it the expectation that students will conduct themselves as responsible members of the school community, that they will comply with the rules and regulations of the institution, maintain high standards of integrity and honesty, respect the rights, privileges, and property of other members of the school community, and will not interfere with legitimate Perry Technical Institute affairs.

Perry Technical Institute maintains the right to make and enforce rules for conduct. This includes the right to dismiss at any time a student whose conduct, academic standing, or health is such that the Administration believes it undesirable for that student to continue at Perry Technical Institute.

In all instances of student conduct policy violations, Perry Technical Institute adheres to the preponderance of evidence standard. Under a preponderance of evidence standard, a decision of responsibility is based on whether it is “more likely than not” that the alleged policy violation occurred. Determining responsibility under a preponderance of evidence standard requires that more than 50% of the evidence points toward an individual responsible for the policy violation in question.

A student policy handbook is provided to all new students the first day of class. The booklet provides a complete statement of the policies and procedures and describes student rights and responsibilities which govern students attending Perry Technical Institute, including any disputes involving the school, its faculty or staff, and the student.

DRUG-FREE AND ALCOHOL-FREE CAMPUS AND WORKPLACE
In accordance with federal law, Perry Technical Institute has adopted this Drug-Free and Alcohol-Free Campus and Workplace Policy. Perry Technical Institute recognizes that students and employees have a right to a safe and secure campus and workplace and has implemented a drug and alcohol abuse prevention and assistance program. Furthermore, Perry Technical Institute recognizes that employers who hire students from its programs demand employees who are drug free. PTI has adopted this policy to encourage students to develop a healthy lifestyle and to ensure that graduates are able to meet the demands of employers.

Standards of conduct regarding drugs and alcohol
The unlawful manufacture, distribution, dispensing, possession or use of any federally banned substance; prescribed medical drugs that were unlawfully obtained or are being unlawfully or abusively used; drug-related paraphernalia; or being under-the-influence of controlled substances are prohibited at Perry Technical Institute, in the workplace, on campus, while engaging in school business, and at any activities sponsored by Perry Technical Institute. Returning or arriving to school after consuming drugs or alcohol is prohibited and will result in immediate dismissal.

Any student who is taking a drug or medication, whether or not prescribed by the student’s physician, which may adversely affect that student’s ability to perform work in a safe or productive manner, is required to report such use of medication to his/her instructor or Department Head. This includes drugs known or advertised as possibly affecting judgment, coordination, or any of the senses, including those which may cause drowsiness or dizziness. A doctor, dentist, or druggist will determine whether the student can remain at school and whether any work restrictions are necessary. The instructor may request such assistance as he/she desires in making the determination.
Health risks
Short-term and long-term effects of drug use vary for the specific drugs, but the following nonexclusive list of health risks have been identified with the use and abuse of illicit drugs and alcohol: confusion, lack of coordination, memory loss, depression, fetal alcohol syndrome, problem pregnancies, sclerosis, circulatory problems, insomnia, heart failure, respiratory arrest, cardiac arrest, seizures, coma, anxiety, paranoia, irritability, fatigue, mental illness, and death.

Institute sanctions
The Institute will conduct drug and/or alcohol testing under any of the following circumstances:

Random testing
Students may be selected at random for drug and/or alcohol testing at any interval determined by the Institute. Any student who enrolls at Perry Technical Institute gives consent to random drug tests as an express condition of his or her enrollment and continued enrollment at Perry Technical Institute.

For-cause testing
The Institute may ask a student to submit to a drug and/or alcohol test at any time it feels that the student may be under the influence of drugs or alcohol, including, but not limited to, the following circumstances: evidence of drugs or alcohol on or about the student’s person or in the student’s vicinity, unusual conduct on the student’s part that suggests impairment or influence of drugs or alcohol, negative performance patterns, or excessive and unexplained absenteeism or tardiness.

Post-accident testing
Any student involved in a training-related accident or injury under circumstances that suggest possible use or influence of drugs or alcohol in the accident or injury event will be asked to submit to a drug and/or alcohol test. “Involved in a training-related accident or injury” means not only the one who was or could have been injured, but also any student who potentially contributed to the accident or injury event in any way.

A student will be presumed under-the-influence upon any positive finding from a random drug test or reasonable cause drug test given under this policy. Drug testing will be by liquid chromatography-mass spectrometry (LC-MS) on Perry Technical Institute time and expense by a certified, creditable laboratory or medical facility prescribed by the Institute. Random drug test collection will be conducted on the Perry Technical Institute campus with a minimal disruption to class time. Failure to take a drug test, producing a cold sample, or producing a dilute test will result in a positive test result. A positive test result may result in the imposition of sanctions up to and including, but not limited to, suspension and/or dismissal. A student who has been deemed to be under-the-influence may not operate any vehicle on company property or a public roadway. If the student insists on driving, PTI administration will contact law enforcement and report the infraction.

If a student has violated the Drug-Free and Alcohol-Free Campus and Workplace Policy, the Institute may take any of the following actions:

- Disciplinary action including, but not limited to, suspension and/or dismissal, and/or
- Require the student to satisfactorily participate in drug abuse assistance or rehabilitation program approved for such purpose by federal, state or local health, law enforcement, or other appropriate agency.

Any student convicted of any criminal drug statute violation occurring in the workplace, during school hours, or while engaged in Institute business, must notify the President or Dean of Education no later than five days after such conviction.

Legal sanctions
In addition to sanctions imposed by the Institute, drug and/or alcohol violations may be referred to the appropriate external authorities. This may result in arrest and conviction under applicable criminal laws of the United States, the State of Washington, or local municipalities. Violations as specified above may result in penalties ranging from fines through imprisonment.

Available assistance treatment programs
Alcoholism and drug dependency are defined as illnesses that may interfere with a student’s ability to perform assigned work satisfactorily or that adversely affect classroom behavior. Students are encouraged to voluntarily seek expert assistance for alcoholism, alcohol abuse, or drug dependency. Assistance is available through a variety of professional resources in the community.

Community resources include:

- Barth Clinic 509.457.5653
- Comprehensive Healthcare 509.575.4084
- Department of Social & Health Services, Behavioral Health 509.575.4200
- Merit Resources 509.469.9366
- Neighborhood Health Services 509.454.4143
- Sundown M Ranch 509.457.0990
- Triumph Treatment Services 509.248.1800
- WA Recovery Help Line, - www.warecoveryhelpline.org 866.789.1511
- Yakima Health District 509.575.4040
- Yakima Valley Farm Workers Clinic – Behavioral Health Services 509.453.1344
- Yakima Valley Vet Center 509.457.2736

SMOKING/TOBACCO PRODUCTS
Due to the acknowledged hazards from exposure to environmental tobacco smoke, it is the policy of Perry Technical Institute to provide a tobacco-free environment for all students, employees, and visitors. Smoking and other forms of tobacco use are permitted in designated areas only. The designated areas are located at the northeast and northwest ends of campus and the southwest corner of the Medical Annex. This policy covers the smoking of any tobacco product, electronic cigarettes and the use of smokeless or “spit” tobacco.
program cost breakdown

All fees listed are mandatory and required for the completion of the program. Additional certifications and field trips are optional and costs will be assessed separately.

The State of Washington does not allow for tax-exemption of items purchased for use in the state such as books and tools for instruction received in the State of Washington.

COSTS OF ENROLLMENT FOR 12-MONTH PROGRAMS

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Additional Estimated Costs

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<td>Books</td>
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<td>$230</td>
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Total Cost of Enrollment $21,340 $20,619 $19,189 $20,700 $20,887 $19,447 $21,224

COSTS OF ENROLLMENT FOR 12-MONTH PROGRAMS (CONT.)

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<td>Student Accident</td>
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<td>Graduation Fee</td>
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Additional Estimated Costs

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<td>Total Additional Estimated Costs</td>
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Total Cost of Enrollment $21,244

COSTS OF ENROLLMENT FOR 18-MONTH PROGRAMS

<table>
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<tr>
<th>Program Abbreviation</th>
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<tr>
<td>Tuition</td>
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<td>First Aid/CPR Fee</td>
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<td>Student Accident Insurance Fees</td>
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<td>Graduation Fee</td>
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<td>Total Tuition and Fees</td>
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Additional Estimated Costs

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<th>Item</th>
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<td>Total Additional Estimated Costs</td>
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Total Cost of Enrollment $31,286
Perry Technical Institute’s Information Technology & Communication Systems program teaches the theories and skills needed to work in all areas of communications technology – electronics theory, personal computers, wireless communications, telephone systems, transmission equipment, alarm systems, and data networking and administration. Students graduate with an Associate of Applied Science degree in Information Technology and Communication Systems.

The program is divided into four six-month sections of curriculum and combines classroom and lab projects to provide students with the proper balance of theory and hands-on experience.

Students prepare to earn numerous industry certifications including CompTIA, Microsoft, Cisco, and FCC. The program is approved by the State of Washington as a two-year Limited Energy (06) Specialty Electrical training program. Graduates may be credited with up to one year towards the two years required to be eligible to take the certification exam for the Limited Energy (06) Specialty Electrical License. Throughout the program, students prepare themselves for the workforce. Resume writing, interview skills, and documentation of their experience at Perry Technical Institute in a portfolio enable the student to conduct an effective job search.

The goal of Perry Technical Institute’s Information Technology & Communication Systems program is to provide graduates with the wide variety of skills necessary to obtain entry-level employment and achieve success in their careers.

The Information Technology & Communication Systems program is 24 months in length (eight quarters). The student will earn 133.0 credit hours which are 2,520 clock hours. Tuition is payable on a quarterly basis. There are four quarters in an academic year.

This training program concludes with an externship off campus, or with the completion of a capstone project on campus. The student to instructor ratio for the Information Technology & Communication Systems program is 26:1.

**PROGRAM OUTLINE**

<table>
<thead>
<tr>
<th>Quarter 1</th>
<th>Subject</th>
<th>Clock Hours</th>
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<tr>
<td>IT 110</td>
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<td>IT 111</td>
<td>Electronics Fundamentals I Lab</td>
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<td>IT 112</td>
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<td>Applied Math for Electronics II</td>
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<td>IT 120</td>
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<td>IT 121</td>
<td>Electronics Fundamentals II Lab</td>
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<td>IT 122</td>
<td>Wireless Technology</td>
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<td>IT 212</td>
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Program Totals 2,520 133.0
SYSTEMS COURSE DESCRIPTIONS

IT 110 Electronics Fundamentals I
IT 111 Electronics Fundamentals I Lab
Basic electronic components and DC circuit operation are introduced including test equipment and tools. DC network analysis, AC circuits, and their effect on reactive components are covered as well. Application of the technical knowledge acquired in the classroom to practical electronic circuits in a lab environment. The concepts of teamwork, analytical problem solving, and troubleshooting are introduced. The students begin preparing a portfolio, documenting their experiences and training through the program.

IT 112 Applied Math for Electronics I
This course will focus on the basics of algebraic practices, including general numbers, order of operations, exponents, addition/subtraction of positive and negative numbers, multiplication/division of polynomials, use of equations and powers of ten.

IT 113 Applied Math for Electronics II
Mathematics required to evaluate and understand the electronic circuits and equipment which will be covered.

IT 120 Electronics Fundamentals II
IT 121 Electronics Fundamentals II Lab
Advanced DC and AC electronics, transistors, and integrated circuit operational amplifiers. Boolean algebra and binary arithmetic provide the basis for the understanding of digital logic circuits utilizing logic gates and combinational logic. Application of the technical knowledge acquired in the classroom to practical power supplies, transistor amplifiers and switches, and operational amplifier circuits, digital circuits in a lab environment.

IT 122 Wireless Technology
IT123 Wireless Technology Lab
Radio frequency theory, noise, bandwidth, analog and digital modulators. RF transmission and reception, propagation, transmission lines, and antenna systems are covered. Lab projects enable the application of the technical knowledge acquired in the classroom to RF modulators, radio receivers, antenna systems, and transmitters.

IT 130 Computer Hardware Fundamentals
IT 131 Computer Hardware Fundamentals Lab
Theory, operation, assembly, and maintenance of personal computer hardware and peripheral devices, in a hands-on lab environment. Preparation for the CompTIA A+ certification. Hardware installation and troubleshooting is accomplished which allows the student to apply the technical knowledge acquired in the classroom.

IT 132 Computer Software Fundamentals
IT 133 Computer Software Fundamentals Lab
Operation of PC operating systems, including: software installation, management, utilities, and troubleshooting in a lab environment. Students experience Workstation configuration using different operating systems as well as virtualization software teaching students the skills necessary to troubleshoot a variety of computer systems.

IT 140 Network Server OS Configuration
IT 141 Network Server OS Configuration Lab
Installation and configuration of a network server. Configuration of virtual machines and networks, DHCP and DNS services, domain controllers and active directory along with group policy and security policies. Students will prepare for server certification. Technical knowledge acquired in the classroom will be utilized in a lab setting. Installing, configuring and troubleshooting a server and the utilities involved.

IT 142 Network Server OS Services
IT 143 Network Server OS Services Lab
Continuation of Windows server implementation. Principles, design, implementation, and administration of the latest industry network architectures and topologies. Virtualized network environments to provide service and applications to end users are covered, as well as network storage and cloud infrastructure. Application of this knowledge will be utilized in a lab environment.

IT 144 Communications
This course will focus on the basics of technical writing and documentation, along with effective verbal communications and working effectively as a team. Students study and apply effective communication techniques, problem resolution skills, and how to handle difficult situations with an emphasis on customer service.

IT 210 Cisco Networking I
IT 211 Cisco Networking I Lab
Intro to Networking—This course introduces the architecture, structure, functions, components and models of the Internet and other computer networks. The principles and structure of IP addressing and the fundamentals of Ethernet concepts, media and operations are introduced to provide a foundation for the curriculum. By the end of the course, students will be able to build simple LANs, perform basic configurations for routers and switches, and implement IP addressing schemes.

IT 212 Cisco Networking II
IT 213 Cisco Networking II Lab
Routing and Switching—This course describes the architecture, components and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with RIPv1, RIPng, single-area and multi-area OSPF, virtual LANs, and inter-VLAN routing in both IPv4 and IPv6 networks.

IT 220 Cisco Networking II (continued)
IT 221 Cisco Network II Lab (continued)

IT 222 Cisco Networking III
IT 223 Cisco Networking III Lab
Scaling Networks—This course describes the architecture, components, and operations of routers and switches in larger and more complex networks. Students learn how to configure routers and switches for advanced functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with OSPF, EIGRP, and STP.
IT 230 Telephony & Cabling Standards
IT 231 Telephony & Cabling Standards Lab
Prepares the student to enter the telephone industry. Cabling installation, telephone sets, and local loop are covered. The history of the industry and industry terms are presented. National Electrical Code and industry cabling and equipment standards are covered. Data cable installer certificate obtained through industry provided certification. (Certification may occur in quarter 7 or 8). Lab exercises allow students hands-on experience with industry standard tools and practice in the installation and testing of copper and fiber optic cable systems for voice and data networks.

IT 232 Voice Communications Systems I
IT 233 Voice Communications Systems I Lab
Installation, programming, and troubleshooting of business telephone systems including key systems, hybrids, and an introduction to PBX switching equipment in a simulated business environment. Transmission lines and long distance networks, which tie telephone switches together, are covered. Customer service concepts are presented to enable the student to communicate effectively with the customer. Lab exercises allow students hands-on experience and comprehension in the installation, programming, and maintenance of various business communication systems.

IT 234 Human Relations
Human Relations will help students develop the personal and professional skills needed to be successful in business. Topics include confidence building, self-concept and self-esteem, building positive attitudes, motivation, and effective leadership.

This course is also designed to prepare the student to mount an effective job search. Resume preparation, interview skills, and the job application process are covered as the portfolio preparation process is completed.

IT 240 Voice Communication Systems II
IT 241 Voice Communication Systems II Lab
A continuation of quarter 7 Voice Communication Systems. The convergence of voice and data, through the development of Computer-Telephone Integration (CTI) and Voice over Internet (VoIP) concepts. Installation, programming, and troubleshooting of PBX and VoIP equipment in a simulated business environment is accomplished. Voice mail is integrated into the system and the programming of system features is accomplished. Customer service concepts are presented to enable the student to communicate effectively with the customer. Lab exercises allow students hands-on experience and comprehension in the installation, programming, and maintenance of various business communication systems.

IT 242 Limited Energy
IT 243 Limited Energy Lab
Limited Energy Systems: Alarms and amplified sound. Fire alarm system installation, programming, and troubleshooting are covered. Proper installation practices are covered in accordance with the National Electrical Code and NFPA 72: National Fire Alarm Code. Amplified sound and speaker systems, including 70V centralized systems and intercom systems are covered. Introduction to Power over Ethernet (PoE) cable and device installation will also be covered in accordance with the Washington State Limited Energy System guidelines. Lab exercises allow students hands-on experience and comprehension in the installation, programming, and maintenance of various limited energy systems.

IT 244E Externship
Qualifying students have the option of obtaining practical experience in a workplace environment in lieu of the last month of training on campus. Externships must relate to the training that would occur in the last quarter of ITCS and must be approved by the Department Head. If the student does not obtain an externship, he/she will be responsible for completing an on-campus capstone project.

INFORMATION TECHNOLOGY & COMMUNICATION SYSTEMS BOOK AND TOOL LIST
The book and tool list for students in the Information Technology & Communication Systems program is intended to be a minimum requirement to complete the program. The book and tool list will be provided no later than the first day of class. For specifics on cost of books, training materials, uniforms, and tools, please refer to page 15.

INFORMATION TECHNOLOGY & COMMUNICATION SYSTEMS EQUIPMENT LIST
Students in the Information Technology & Communication Systems program utilize the following equipment:

- Personal computers and servers
- Cisco routers
- Network switches
- Wireless access points
- Fluke EtherScope
- Fluke network analyzer, cable certifiers, and testers
- Digital multi-meters
- Oscilloscopes, signal generator, and power supplies
- Spectrum analyzers
- Cell site test sets
- AM/FM signal generators/modulators
- Antenna system testers
- In-line watt meters
- Telephone key system, PBX, and VoIP system
- Voice mail system
- PA systems 24V and 70V
- Fire alarm system
**administration**

Christine Coté, President  
B.A. – Central Washington University

Cathy Sterbenz, Director of Finance  
B.S. – Central Washington University  
Certified Public Accountant

Nathan Hull, Dean of Education  
B.S. – Central Washington University  
B.A. – Eastern Washington University

Jason Lamiquiz, Associate Dean of Education  
A.A.S. – Yakima Valley Community College

Jill Cope, Registrar  
B.A. – Minot State University  
M.S. – Western Governors University

Chelsea Snodgrass, Director of Career Services  
B.S. – Central Washington University

Nicole Trammell Woolpert, Director of Admissions & Marketing  
B.S. – Central Washington University  

Raul Luna, Associate Director of Student Enrollment  
A.A.S. – Yakima Valley Community College

Magnus Altmayer, Director of Enrollment & Accreditation  
B.A. – Whitman College

Kaila Lockbeam, Director of Facilities & Safety

Mayra Fernandez, Director of Financial Aid  
A.A.S. – Yakima Valley Community College

Erin Fishburn, Foundation/PR Director  
B.S. – Portland State University  
M.B.A. – Marylhurst University

Smitha Easter, Public Relations Manager  
B.A. – University of Washington

Josh Phillips, Director of Information Technology  
B.S. – City University  
Certificate – Telecommunications, Perry Technical Institute

Carol Helms, Human Resources Manager  
A.A. – Yakima Valley Community College

Deann Bergquist, Payroll and Benefits Manager  
B.A. – Central Washington University  
B.S. – Central Washington University

**faculty**

**AGRICULTURAL EQUIPMENT TECHNICIAN**

Christian St. Hilaire, Department Head  
A.O.S. – Universal Technical Institute

Everardo Torres, Lab Coordinator  
Certificate – Automotive, Perry Technical Institute

**AUTOMOTIVE TECHNOLOGY**

Dusty Morrill, Department Head

Isaac Espinoza, Associate Instructor

Michael Powell, Instructor  
Certificate – Automotive, Perry Technical Institute

Ken Waggener, Instructor  
Certificate – Automotive, Perry Technical Institute

**BUSINESS TECHNOLOGY & ACCOUNTING**

Valerie Ryan, Department Head  
B.S. – Central Washington University  
M.S. – Central Washington University

Mardell Newhouse, Instructor  
B.A. – University of Washington  
M.B.A. – Western Governors University

**CONSTRUCTION**

Darin Peters, Department Head

**ELECTRICAL TECHNOLOGY**

Michael Yusi, Department Head  
Certificate – Electrical, Perry Technical Institute

Forrest Buchmann, Instructor  
Certificate – Electrical, Perry Technical Institute

Jerome Cobane, Electrical Field Instructor  
Certificate – Electrical, Perry Technical Institute

Ray Cyr, Instructor  
Certificate – Electrical, Perry Technical Institute

Charles Espinoza, Instructor  
Certificate – Electrical, Perry Technical Institute

Jehovani Gutierrez, Instructor  
Certificate – Electrical, Perry Technical Institute

Dan Lovestrand, Electrical Field Instructor  
Certificate – Electrical, Perry Technical Institute

Adam Rieker, Instructor  
Certificate – Electrical, Perry Technical Institute
Gary Shipley, Electrical Field Instructor  
Certificate – Electrical, Perry Technical Institute

Matthew Shipley, Instructor  
Certificate – Electrical, Perry Technical Institute

Mike Tucker, Instructor  
Certificate – Electrical, Perry Technical Institute  
A.A.S. – Yakima Valley Community College

Ron Zike, Instructor  
HEATING, VENTILATION, AIR CONDITIONING & REFRIGERATION TECHNOLOGY

Dan Henderson, Department Head  
A.A.S. – Yakima Valley Community College

Eric Greeno, Instructor  

David Juarez, Instructor  

Ignacio Lopez, Instructor  

INFORMATION TECHNOLOGY & COMMUNICATION SYSTEMS

Andy Fischer, Department Head  
Certificate – Telecommunications, Perry Technical Institute  
A.A.S. – Yakima Valley Community College

Jeanine Benoit, Instructor  
Certificate – Telecommunications, Perry Technical Institute  
A.A. – Yakima Valley College

Jill Cope, Instructor  
B.A. – Minot State University  
M.S. – Western Governors University

Kevin Good, Instructor  
B.S. – University of Montana  
M.S. – University of Montana

Francisco Magana, Instructor  
Certificate – Telecommunications, Perry Technical Institute  
A.A.S. – Yakima Valley Community College

Matt Sund, Instructor  
Certificate – Telecommunications, Perry Technical Institute  
B.A. – Central Washington University

INSTRUMENTATION & INDUSTRIAL AUTOMATION TECHNOLOGY

Tony Nirk, Department Head  
Certificate – Instrumentation, Perry Technical Institute  
A.A.S. – Pierce College Fort Steilacoom

Larry Dagdagan, Instructor  
Certificate – Instrumentation, Perry Technical Institute

Casey Fioren, Instructor  
Certificate – Instrumentation, Perry Technical Institute

Patrick Jones, Instructor  
Certificate – Instrumentation, Perry Technical Institute

John Koenes, Instructor  
Certificate – Instrumentation, Perry Technical Institute  
A.A. – Centralia Community College

Doug Oswalt, Instructor  
Certificate – Instrumentation, Perry Technical Institute

Gerry Ries, Instructor  
Certificate – Instrumentation, Perry Technical Institute

Carlos Sanchez, Instructor  
Certificate – Instrumentation, Perry Technical Institute

Max York, Instructor  
Certificate – Instrumentation, Perry Technical Institute  
A.A.S. – ITT Technical Institute

PRECISION MACHINING AND MANUFACTURING TECHNOLOGY

Dan Steinmetz, Department Head

Jay Wellner, Instructor  
Certificate – Machine, Perry Technical Institute

MEDICAL TECHNOLOGY

Lashel Church, Department Head  
American Academy of Professional Coders – Certified

Angela Fiscus, Instructor  
Certificate – Medical Office Administration & Coding, Perry Technical Institute  
American Academy of Professional Coders – Certified

Cheryl Johnson, Instructor  
A.A.S. – Yakima Valley Community College

Kindra Perez, Lab Coordinator  
A.A.S. – Yakima Valley Community College

WELDING TECHNOLOGY

Leonard Thompson, Instructor  
Branden Calahan, Lab Coordinator  
Certificate – Welding, Perry Technical Institute

Scott Hamway, Department Head  
A.A.S. – Washtenaw Community College

Clay Houston, Instructor
CREDENTIALS AWARDED
Business Technology & Accounting and Information Technology & Communication Systems students who satisfactorily complete their course of training are granted Associate of Applied Science degrees. Students in all other programs who satisfactorily complete training are granted Certificates of Completion.

ENROLLMENT CAPACITY
The stated capacity for each program refers to both the classroom and laboratory settings.

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ENTRANCE EXAMINATION REQUIREMENTS
Applicants must pass the entrance exam with the following score(s).

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Please refer to the program lettering system on page 17 of the catalog.

Note: Applicants are not required to complete exams that are blank in the table above. Scores are percentage based with the exception of arithmetic, reading, and typing. Typing is based upon words per minute. Arithmetic and reading are based upon Accuplacer Exam benchmarks for all programs. Applicants who fail two consecutive algebra exam attempts will be required to enroll and complete the PTI evening algebra course or a comparable approved course. Applicants who fail any of the PTI entrance examinations four consecutive times will not be allowed to re-test until proof of approved remedial course completion has been provided.

LETTERING SYSTEM
AET Agricultural Equipment Technician
AU Automotive Technology
BTA Business Technology & Accounting
CST Construction
ET Electrical Technology
IN Instrumentation & Industrial Automation Technology
ITC Information Technology & Communication Systems
PM Precision Machining & Manufacturing
MED Medical Assistant
MOA Medical Office Administration & Coding
RE Heating, Ventilation, Air Conditioning & Refrigeration Technology
PL Plumbing Technician
WLD Welding Technology

10
plumbing technician

Perry Technical Institute’s Plumbing Technician program offers students a diversified curriculum that guides them through the process of becoming a plumbing technician.

The objective of the program is to provide students with a broad base of knowledge and skills necessary for employment in the plumbing industry. Students will learn about safety, fittings, power tools, drains, backflow, venting, and water distribution systems. Training will include the installation of piping, fixtures, valves, water heaters, and professional development for the plumbing industry. The Uniform Plumbing Code (UPC) will be used and applied throughout the program.

The goal for students who successfully complete this program is employment as entry-level plumbing technicians. The Plumbing Technician program is 12 months in length (four quarters). The student will earn 72.0 credit hours which are 1,344 clock hours. Tuition is payable on a quarterly basis. There are four quarters in an academic year.

The Washington State Department of Labor & Industries may recognize up to one year of training received from Perry’s Plumbing Technician program toward the (01) journey level certification. Graduates must accumulate additional hours of industrial/commercial plumbing work before applying to take their (01) journey level examination with the State of Washington.

This training program concludes with an externship off campus, or with the completion of a capstone project on campus. The student to instructor ratio for the Plumbing Technician program is 20:1.

PROGRAM OUTLINE

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Program Totals: 1,344 hours / 72.0 credits
PLUMBING TECHNICIAN COURSE DESCRIPTIONS

PL 110 Introduction to Plumbing
Students will meet the requirements of the Occupational Safety and Health Administration (OSHA) for workplace safety. In addition, students will review the history, work performed, responsibilities, and safety principles associated with plumbing and pipefitting.

PL 111 Plumbing Fundamentals I
This course introduces students to fittings (plastic, copper, cast iron, and steel) in addition to water distribution systems. Students will learn to identify and select proper hand tools, materials, load ratings, and equipment used in basic rigging to move materials and equipment.

PL 112 Math and Blueprint Reading I
In this course, students will be introduced to plumbing math consisting of formulas and equations for determining pipe weights, clearances, fitting allowances, and pipe bends. Students will also read, interpret, and apply blueprints. Topics will include symbols, terminology, floor plans, elevation, and mechanical plans.

PL 120 Waste Systems
Students will gain exposure to the biological and chemical actions of disposal systems, function and construction of sewer laterals, and determination of drain grades. In addition, students will identify functions, types, and locations of main housing traps, fresh air inlets, branches, waste stacks, and vent stacks.

PL 121 Plumbing Fundamentals II
Students will be exposed to potable water treatment, tools used on water supply systems, water pressure, hydrostatic pressure, basement water mains, and pressure reducing valves. Pipe cleaning, hydro jets, and excavation techniques will be explored. Students will also engage in the process of heating water by installing circulating pipes and troubleshooting water heaters. Students will study the maintenance and repair of existing backflow prevention assemblies with a building.

PL 122 Math and Blueprint Reading II
A continuation of Math & Blueprint Reading I, students will study advanced plumbing math by calculating volumes of cubes, and cylinders. Students will expand upon drawing fundamentals, read schematics, and diagram fluid power systems.

PL 130 Water Supply Systems
In this course, students will be introduced to water treatment and the tools utilized on water supply systems. Students will learn about water pressure, hydrostatic pressure, basement water mains, and pressure-reducing valves. Students will examine heat loss and how it relates to radiator size, applying ventilation principles and requirements for commercial buildings.

PL 131 Plumbing Fundamentals III
Students will be introduced to the installation of circulating pipes. In addition, students will troubleshoot electric, gas, and solar water heaters while gaining exposure to thermostats. Students will be exposed to soldering and welds required for plumbing, cameras, video inspection, and locators.

PL 132E Externship
Students will gain field experience under an externship agreement with Perry Technical Institute, the employer, and the student. Completion of the externship packet is required.

PL 140 Finish and Advanced Plumbing
This course will complete the home plumbing system: drain-waste vent, water shut-off, toilets, faucets, drains, dishwashers, food disposers, water heaters, showers/tubs, water softeners, icemakers, water filters, sinks, and gas lines. Students will also be exposed to drainage, back siphonage, sump pumps, conduction, convection, and radiation.

PL 141 Professional Development
This course helps students develop professionally by focusing on soft skills, career planning, and future growth. Students will learn proper communication skills for the plumbing industry. Topics will include verbal communication with co-workers and written communication such as filling out a timecard or a work order. Upon completion, students will be able to successfully interview for positions, develop future training plans, and set goals for career advancement.

PL 142E Externship
Students will gain field experience under an externship agreement with Perry Technical Institute, the employer, and the student. Completion of the externship packet is required. If the student does not obtain an externship, completion of a capstone project is required.

PLUMBING TECHNICIAN BOOK AND TOOL LIST
The book and tool list for students in the plumbing technician program is intended to be a minimum requirement to complete the program. The book and tool list will be provided no later than the first day of class. For specifics on cost of books, training materials, uniforms, and tools, please refer to addendum page 3.

PLUMBING TECHNICIAN EQUIPMENT LIST
Students in the plumbing technician program utilize the following equipment in addition to a variety of hand and power tools:

- Tripod Pipe Vise
- Pipe Threading Set
- Pipe Cutting Equipment
- Drain Cleaning Snakes
  - Large
  - Medium
  - Small
- Water Jetter
- PEX Tools
- Crimp Tools
- Clamp Tools
- PEX Pipe Cutters
- Basic Pipe Soldering Kit
- ProPress Tool Set
- Plumbing Camera Snake
- Plumbing Locator Kit
- Cordless Power Tool Set
- Multimeter
- Right Angle Drill
- Shovel
- Tile Probe