# **Workforce Partnership Initiative Texas** Summit









# DALLAS COLLEGE

# Credentials

- Industrial Automation, Mechatronics, or Electronics
   Technology
- Certified Patient Care Technician/Assistant (CPCT/A)
- Psychiatric Technician
- Google IT Professional
- CompTIA A+ Occupational Skills Award
- Cloud Computing Occupational Skills Award
- Cisco Networking CCNA
- Networking Virtualization Achievement Award
- Networking Cisco CCNP Skills Achievement Award
- Information Security

# Industrial Automation, Mechatronics, or Electronics Technology

#### **Business & Industry Pathway**

Three (3) Fast-Track CE Certificates provide hands-on training with emphasis in Electronics, Mechatronics, or Industrial Automation. Cross-disciplinary skilled technicians are in high demand to maintain and troubleshoot equipment in automated manufacturing facilities and distribution centers which produce and distribute products that improve our daily lives.

#### **Time to Earn** Certificate: 3 months

✓ Non-Credit

✓ Credit

Stackable Pathway Cert to OSA or AAS

### **Example Job Titles**

Equipment Technician, Manufacturing Technician, Maintenance Technician, Industrial Maintenance Technician, Maintenance Specialist, Electromechanical Technician

> Work – Based Learning Co-op, Earn and Learn

Dual Credit

### **Market Demand**

#### Labor Market Demand Data

~12% growth over the next 10 years in greater Dallas

#### **Employer Partners**

Texas Instruments, Walmart, Amazon, Global Wafers, Quorvo, Wolfspeed, PepsiCo, Kraft Heinz, Plastipak, General Motors, Canadian Solar







# **Google IT Professional**

#### **Business & Industry Pathway**

This award is designed for entry-level students seeking a foundation in IT with an industry credential. Topics include essentials of personal computers, operating systems, technical support, networking, security, and systems administration.

#### Time to Earn Variable

**Non-Credit** 

Credit

#### **Stackable Pathway** OSA to Level 1 Cert











### **Example Job Titles** IT Technician, Desktop Support, Help Desk Technician

X Work – Based Learning

X Dual Credit

### **Market Demand**

Labor Market Demand Data

>20% growth over the next 10 years in greater Dallas

**Employer** Partners

Google + Employer Consortium

# **CompTIA A+ Occupational Skills Award**

#### **Business & Industry Pathway**

This pathway covers all topics in the industry standard CompTIA A+ certification for computer professionals and will help prepare students for the A+ certification examination. Completers will learn how a PC works and will also be able to write specifications for PCs, perform routine maintenance and be able to troubleshoot and repair simple problems.

**Computer Technician, IT Support** 

X Work – Based Learning

**Example Job Titles** 

X Dual Credit

Specialist

### Time to Earn

Occupational Skills Award: 8-16 weeks

- ✓ Non-Credit
- ✓ Credit

#### ✓ Stackable Pathway OSA to Level 1 Cert





Texas Association of Community Colleges



### **Market Demand**

Labor Market Demand Data

>20% growth over the next 10 years in greater Dallas

# **Cloud Computing**

#### **Business & Industry Pathway**

The OSA is designed to provide an introductory background for students interested in learning about cloud. Students can choose AWS or Azure platforms for Fundamentals and Deployment skills. The OSA also includes Cloud-preferred programming language Python introductory course.

**Example Job Titles** 

**Cloud Computing Professional** 

X Work – Based Learning

X Dual Credit

### **Time to Earn**

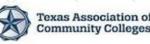
Occupational Skills Award: 8-16 weeks Level 1 Cert: 16 – 32 weeks

# Von-Credit

✓ Credit

# Stackable Pathway OSA to Level 1 Cert







### **Market Demand**

Labor Market Demand Data

>33% growth over the next 10 years in greater Dallas

# **Cisco Networking CCNA**

#### **Business & Industry Pathway**

This sequence is for students who wish to learn about design and installation of local area networks, and basic router configuration. Upon completion, the student will have acquired the skills needed for employment in the networking industry as an intern. The award also provides preparatory training for those wishing to take the Cisco CCNA certification exam.

### **Time to Earn**

Occupational Skills Award: 8-16 weeks

### ✓ Non-Credit

✓ Credit

#### Stackable Pathway OSA to AAS

**Example Job Titles** Network Administrators, Network

Support Specialists

X Work – Based Learning

X Dual Credit

### **Market Demand**

Labor Market Demand Data

>19% growth over the next 10 years in greater Dallas









**Business Roundtable** 

### **DALLAS** COLLEGE

# **Networking Virtualization Achievement Award**

#### **Business & Industry Pathway**

This certificate will examine introductory to complex virtualization concepts and configurations and troubleshooting tools. Upon completion of each course, the student will have acquired skills needed to prepare for certification exams to become VMWare VCP certified.

### Time to Earn

SA: 8-10 weeks

#### ✓ Non-Credit

✓ Credit

SA to Cert to AAS

### Example Job Titles

System Administrator, Virtualization Administrator, Virtualization Technician

X Work – Based Learning

X Dual Credit

### **Market Demand**

Labor Market Demand Data

>19% growth over the next 10
years in greater Dallas







# Networking Cisco CCNP Skills Achievement Award

#### **Business & Industry Pathway**

This certificate will examine complex networking concepts using troubleshooting tools and more sophisticated configurations. Upon completion of each course, the student will have acquired skills needed to prepare for certification exams to become a Cisco Certified Network Professional.

### **Time to Earn**

SA: 8-16 weeks

### ✓ Non-Credit

✓ Credit

SA to Cert to AAS

# Example Job Titles

Network Administrator, Network Support Technician

X Work – Based Learning

X Dual Credit

# DALLAS

### Market Demand

Labor Market Demand Data

>19% growth over the next 10 years in greater Dallas





Texas Association of Community Colleges





# Information Security (IS)

#### **Business & Industry Pathway**

The IS OSA is designed to provide an introductory background for students interested in protecting information systems and networks from security threats. Security terminology and theory, administrative controls, protection from viruses, firewall design, and incident postmortem reporting is introduced. The award provides preparatory training for those wishing to take the Security+ certification exam.

#### **Time to Earn**

OSA: 8-16 weeks

#### ✓ Non-Credit

✓ Credit

Stackable Pathway OSA to AAS

### **Example Job Titles**

Information Security Analyst

X Work – Based Learning

✓ Dual Credit

### **Market Demand**

Labor Market Demand Data

>**39%** growth over the next 10 years in greater Dallas









# Certified Patient Care Technician/Assistant (CPCT/A)

#### **Business & Industry Pathway**

CPT/A provide hands-on assistance to serve patients' basic needs, in an acute environment and are better equipped to assist patients. Certified PCT/A's that are acting as apprentices are better qualified to assist patients because they are emersed in the hospital environment while they trained and mentored in their role.

### **Time to Earn**

Earn and Learn Model: 1 year Accelerated: 8 – 10 Weeks

✓ Non-Credit

✓ Credit

✓ Stackable Pathway

**Example Job Titles** Patient Care Assistant, Patient Care Technician

> Work – Based Learning Apprenticeship

X Dual Credit

### **Market Demand**

Labor Market Demand Data

> 22% growth over the next 10 years in greater Dallas

#### **Employer Partners**

Children's Health, Medical City, Methodist Health System, Parkland Health & Hospital System, UT Southwest Medical Center









**Business Roundtable** 

### **DALLAS** COLLEGE

# **Psychiatric Technician**

#### **Business & Industry Pathway**

This certificate prepares for employment as a Psychiatric Technician who provide assistance and monitor patient activities and procedures, help with basic needs, taking vital signs, dressing, and feeding, under the direction of a physician or a nurse. This credential prepares candidates for successful completion of the American Association of Psychiatric Technicians Level 1 certificate examination.

### **Time to Earn**

Occupational Skills Award: 8 weeks Level 1 Cert: 6-8 months

# Von-Credit

✓ Credit

#### Stackable Pathway OSA to Level 1 Cert

#### Example Job Titles

Psychiatric Technician, Mental Health Technician, Behavioral Health Technician

X Work – Based Learning

✓ Dual Credit

### **Market Demand**

#### Labor Market Demand Data

>14% growth over the next 10 years in greater Dallas

#### **Employer Partners**

Texas Health Resources and UT Southwestern Medical Center









### **Credentials**

- Programmable Logic Controllers (PLC)
- Industrial Maintenance Technician (IMT)
- Certified Clinical Medical Assistant (CCMA)
- Electrical Engineering Technology (EET)



# Programmable Logic Controllers Technology (PLC)

#### **Business & Industry Pathway**

The Programmable Logic Controller Technology program targets a skillset the Texoma region that is rapidly expanding in the industrial field. This credential is considered a high demand occupation by THECB and allows students with zero prior experience to become PLC Technicians.

#### **Time to Earn** PLC Certificate: 4 months



Stackable Pathway PLC Cert to AMP

### **Example Job Titles**

(Industrial) Maintenance Technician, Manufacturing Maintenance Technician, Facilities Technician, Industrial Mechanic, PLC Technician



X Dual Credit

### **Market Demand**

#### Labor Market Demand Data

 $\sim\!\!12\%$  growth over the next 10 years in greater Dallas

#### **Employer Partners**

Harvest Hill, ASSA ABLOY, Ruiz Foods, Denison Industries, Fisher Controls, Kaiser Aluminum









# Industrial Maintenance Technician (IMT)

#### **Business & Industry Pathway**

This credential is a high demand occupation by THECB and allows students with zero prior experience to become IMT. This program equips you with the essential skills required to assemble, install, troubleshoot, repair, and modify various equipment and automated systems in manufacturing and commercial facilities. Furthermore, you will develop critical skills to effectively collaborate with team members, operators, suppliers, and customers to enhance your job performance and contribute to your company's competitiveness.

### Time to Earn

IMT Certificate: 4 months

### ✓ Non-Credit

✓ Stackable Pathway IMT Cert to AMP or EET

### **Example Job Titles**

(Industrial) Maintenance Technician, Manufacturing Maintenance Technician, Facilities Technician, Industrial Mechanic

### X Work – Based Learning

X Dual Credit

### **Market Demand**

#### Labor Market Demand Data

~**12%** growth over the next 10 years in greater Dallas

#### **Employer Partners**

Harvest Hill, ASSA ABLOY, Ruiz Foods, Denison Industries, Fisher Controls, Kaiser Aluminum













#### **Business & Industry Pathway**

The CCMA program targets a skillset in a rapidly expanding medical industry in the Texoma region. This credential is considered a high demand occupation by THECB and allows students with zero prior experience to become a CCMA. The program is a gateway to a rewarding career in healthcare.

#### **Time to Earn** CCMA Certificate: 4 months

✓ Non-Credit

Future Stackable
 Pathway
 CCMA Cert to LVN

**Example Job Titles** Medical Assistant, Clinical Medical Assistant

#### ✓ Work – Based Learning 64 Clinical Hours

X Dual Credit

### **Market Demand**

Labor Market Demand Data

> 22% growth over the next 10 years in greater Dallas

#### **Employer Partners**

Texoma Medical Center, Baylor Scott and White











# Electrical Engineering Technology – Electronics (EET)

#### **Business & Industry Pathway**

The EET certificate specifically targets skill sets needed in the semiconductor manufacturing industry that is expanding in North Texas and considered a high demand occupation by THECB. Students can obtain a credential of value within a relatively brief period of time, offering employment with an hourly rate that allows the students to quickly pay back their educational investment.

#### **Time to Earn**

Electronics Certificate: 24 weeks (3-8 wk sessions) Automation Certificate: 24 weeks (3-8 wk sessions) Electronic & Automation: 12 months

### ✓ Non-Credit

#### ✓ Credit

# Stackable Pathway

Level 1 to AAS





#### TEXAS BUSINESS LEADERSHIP



# Labor Market Demand Data

~**12%** growth over the next 10 years in greater Dallas

#### **Employer Partners**

Texas Instruments, Globitech, Coherent (II-VI)





### Example Job Titles

Manufacturing Production Specialist, Manufacturing Maintenance Specialist, Facilities Technician, Equipment Technician, FEOL/BEOL Operator, Manufacturing Operator

#### ✓ Work – Based Learning Lab work

✓ Dual Credit

### Market Demand



### **Credentials**

- Cisco Networking Training Certificate of Completion
- Certified Logistics Assistant/Tech & Forklift Operations
- Data Analytics
- Patient Care Technician
- Certified Immunization Technician

# **Cisco Networking Training Certificate of Completion**

#### **Business & Industry Pathway**

The certificate teaches students the skills needed to design, build, and maintain small to medium-sized networks. This program provides students with the opportunity to enter the workforce and/or further their education and training in the computer-networking field. Students participate in hands-on training on Cisco routers and switches in a laboratory environment to enhance students' knowledge of network configuration. The Cisco Networking Academy training will guide the student to Certification as a Cisco Certified Network Associate (CCNA).

### Time to Earn

Certificate of Completion: 4 semesters

X Non-Credit

✓ Credit

✓ Stackable Pathway

**Example Job Titles** CISCO Networking Technicians

✓ Work – Based Learning

✓ Dual Credit

### **Market Demand**

Labor Market Demand Data

>15% growth over the next 10
years in the El Paso region

**Employer Partners** 

Cisco











Certified Logistics Assistant/Tech & Forklift Operations

### Time to Earn

OSA: 4 courses

✓ Non-Credit

X Credit

X Stackable Pathway

### **Example Job Titles**

First-Line Supervisors, Transportation Managers, Cargo and Freight Agents, Logistics Analysts, Forklift Operators



X Dual Credit

### **Market Demand**

Labor Market Demand Data

>15% growth over the next 10
years in the El Paso region

#### **Employer Partners**

Walmart, Amazon, TranCasa, Longhorn Warehouses, El Paso Logistics











# **Data Analytics**

### **Time to Earn**

Level 1 Certificate: 4 courses

X Non-Credit

✓ Credit

✓ Stackable Pathway

### **Example Job Titles**

Database Administrators, Database Architects, Data Scientists, Data Analysts

✓ Work – Based Learning Capstone Course

X Dual Credit

### **Market Demand**

Labor Market Demand Data

>33% growth over the next 10
years in the El Paso region

**Employer Partners** 

FloWar; EP Electric; El Paso Water; GECU











## **Patient Care Technician**

#### **Time to Earn**

Level 1 Certificate: 15 credit hours

X Non-Credit

✓ Credit

✓ Stackable Pathway

**Example Job Titles** Patient Care Assistant, Patient Care Technician

✓ Work – Based Learning Clinical Hours

### ✓ Dual Credit

### **Market Demand**

Labor Market Demand Data

>19% growth over the next 10
years in the El Paso Region











# **Certified Immunization Technician**

### Time to Earn

OSA: 18 credit hours

X Non-Credit

✓ Credit

✓ Stackable Pathway

**Example Job Titles** Patient Care Assistant, Patient Care Technician

✓ Work – Based Learning Clinical Hours

X Dual Credit

### **Market Demand**

Labor Market Demand Data

>19% growth over the next 10
years in the El Paso Region













# SUCCESS WITHIN REACH.

### **Credentials**

- Logistics and Supply Chain Management
- Non-Destructive Inspection, Testing, and Evaluation
- Professional Pilot
- Aviation Maintenance Technician



# **Logistics and Supply Chain Management**

#### **Business & Industry Pathway**

Provides students with the hands-on training and knowledge necessary to meet the increasing demand for professionals with technical or business education and experience in the area of logistics and supply chain management, where there is a high earning potential, job security, advancement opportunities, and a variety of work environments.

#### **Time to Earn**

Level 1 Certificate: 6-8 months AAS Degree: 2-3 years

#### ✓ Non-Credit

✓ Credit

#### Stackable Pathway Level 1 Cert to AAS

### **Example Job Titles**

First-Line Supervisors, Transportation Managers, Cargo and Freight Agents, Logistics Analysts

- ✓ Work Based Learning Internship Course
  - Dual Credit
     Early College Model

### **Market Demand**

#### Labor Market Demand Data

> 30% growth over the next 10 years in greater Dallas

#### **Employer Partners**

DHL, Elbit Systems, Frito-Lay, John Christner Trucking, UPS











# Non-Destructive Inspection, Testing, and Evaluation

#### **Business & Industry Pathway**

Students completing the program should be qualified to meet National Aerospace Standard 410 Level II formal classroom requirements. Provide students with training in penetrant, magnetic particle, radiography, computed radiography, eddy current, and ultrasonic inspections and will be familiar with emerging technologies such as shearography, thermography, and phased array.

### Time to Earn

AAS Degree: 1 year

### X Non-Credit

✓ Credit

### X Stackable Pathway

### **Example Job Titles**

Quality Control Analysts, Inspectors, Testers, Sorters, Quality Control Systems Managers

### X Work – Based Learning

X Dual Credit

### **Market Demand**

Labor Market Demand Data

> 8% growth over the next 10 years in greater Dallas

#### **Employer Partners**

Raytheon, Bell Flight, Apex Inspections, Quality Synergistics













# **Professional Pilot**

#### **Business & Industry Pathway**

This program includes FAA Part 141 approved flight training curriculum. Students get to work with employer partners and upon graduation students can interview with US Aviation and be funneled through the Envoy/American Airlines pipeline program, as well as earn a R-ATP (restricted airline transport pilot certificate) at 1250 hours flight time if they complete the AAS Professional Pilot degree and meet the FAA requirements.

### Time to Earn

Enhanced Skill Certificate: 1 year Level 1 Certificate: 2 years AAS Degree: 2-3 years

### X Non-Credit

✓ Credit

#### Stackable Pathway Level 1 Cert to AAS

### **Example Job Titles**

Airline Pilot, Commercial Pilot, Certified Flight Instructor, Flight Engineer

### X Work – Based Learning

✓ Dual Credit

### **Market Demand**

Labor Market Demand Data

> 10% growth over the next 10
years in greater Dallas

#### **Employer Partners**

Envoy, Fedex, US Aviation, Veracity











SUCCESS WITHIN RE

# **Aviation Maintenance Technician**

#### **Business & Industry Pathway**

Employment opportunities for qualified aviation maintenance technicians exist worldwide. A little more than half of all AMTs work for major airlines, while others find employment with aircraft manufacturers and the U.S. armed forces. Learn in our aviation education facility, which is one of the largest education facilities in Texas and has almost \$5 million in training equipment, in addition to studying with experienced faculty that includes 3 FAA designated Mechanic Examiners.

### Time to Earn

Level 1 Certificate: 1 year Level 2 Certificate: 1.5 – 2 years AAS Degree: 2-3 years



✓ Credit

Stackable Pathway Level 2 Cert to AAS

### Example Job Titles

Aircraft Mechanic, Aviation Inspector, Avionics Technicians

### X Work – Based Learning

✓ Dual Credit

### **Market Demand**

### Labor Market Demand Data

>7.5% growth over the next 10 years in greater Dallas

#### **Employer Partners**

Gulfstream Aerospace, Spirit Airlines, Bombardier Aerospace, MTU Aero Engine, American Airlines, Southwest Airlines, Delta Airlines















### **Credentials**

- Cybersecurity Level 1 Certificate
- HVAC Technician
- Bookkeeping Basic Level 1 Certificate
- Electronics Technician

# **Cybersecurity Level 1 Certificate**

#### **Business & Industry Pathway**

The program prepares the student for entry into this field by providing introductory training in fundamental security concepts, firewalls and network security, basic scripting, operating systems security, intrusion detection, and incident response. Our program strives to simulate real-world scenarios and offers hands-on learning so that you can anticipate and successfully mitigate issues as they arise.

### Time to Earn

Level 1 Certificate: 9 months

### X Non-Credit

✓ Credit

Stackable Pathway L1 to L2 and AAS

### Example Job Titles

Security Coordinator, Security Specialist, Information Security Analyst, Information Security Engineer

✓ Work – Based Learning AAS Pathway – Cooperative Education Course

### 🗸 Dual Credit

### **Market Demand**

Labor Market Demand Data

>**39%** growth over the next 10 years in greater Dallas

#### **Employer Partners**

BlackSwan Cybersecurity, Cisco, DATCU, Agent IT









# **HVAC** Technician

#### **Business & Industry Pathway**

HVAC Technician is a growing occupation in the Greater Dallas Area. With the constant demand to maintain comfortable living environments, HVAC offers a sustainable and rewarding career path. If you want to be continually employed, love a challenge, and want rewarding pay for your work, then HVAC is an excellent career.

### Time to Earn

Level 1 Certificate: 9 months

### X Non-Credit

✓ Credit

Stackable Pathway L1 to AAS to BS

### **Example Job Titles**

Refrigeration Technician, AC Technician, HVAC Technician, Facilities Technician

#### Work – Based Learning AAS Pathway – Cooperative Education Course

### 🗸 Dual Credit

### **Market Demand**

Labor Market Demand Data

~ 15% growth over the next 10 years in greater Dallas

#### **Employer Partners**

Allied Solutions; CBS Mechanical; Winsupply Gainesville; Phi Heat & Air; Strittmatter AC, Heating, & Plumbing; Force Home Services; Spectrum Heat & Air; Absolute Heat & Air









# **Bookkeeping Basic L1 Certificate**

#### **Business & Industry Pathway**

This certificate prepares students for an entry-level position in bookkeeping. Upon completion, students are qualified to take two highly respected industry credentials – the AIPB Certified Bookkeeper certification and QuickBooks Online certification. Jeri Beckham who owns 12 North Texas H & R Block franchises stated, "I would be willing to hire any students who complete this program and get these two credentials."

### Time to Earn

Level 1 Certificate: 1 semester

### ✓ Non-Credit

✓ Credit

#### Stackable Pathway L1 to AAS

### Example Job Titles

Bookkeeper, Accounting Clerk, Payroll Clerk, Audit Clerk

X Work – Based Learning

**Dual Credit** 

### **Market Demand**

Labor Market Demand Data

> 7% growth over the next 10 years in greater Dallas

#### **Employer Partners**

Denton Creek Enterprise H & R Block, Merki & Associates P.C., KHA Aline Advisors











# **Electronics Technician**

#### **Business & Industry Pathway**

Technicians repair, test, adjust, or install electronic equipment, such as industrial controls, transmitters, or antennas. Job duties may include setting up and testing faulty equipment to diagnose malfunctions, using test equipment or software, and applying knowledge of the functional operation of electronic units and systems.

#### Time to Earn

Level 1 Certificate: 4-8 months

#### ✓ Non-Credit

✓ Credit

Stackable Pathway L1 to AAS to BS

### **Example Job Titles**

Electronics Technician, Equipment Technician, Maintenance Technician, Semiconductor Processing Technician

✓ Work – Based Learning AAS Pathway – Cooperative Education Course

✓ Dual Credit

### **Market Demand**

#### Labor Market Demand Data

 $\sim\!\!12\%$  growth over the next 10 years in greater Dallas

#### **Employer Partners**

Peterbilt/PACCAR, Texas Instruments, Target Distribution, Petroflex/API, Coherent, Global Wafer, Tetra Pak, Safran, Taknek











### **Credentials**

- Certified Nurse Aid for Health Care
- Certified Patient Care Technician
- Vocational Nursing Certificate
- Computer Programming Basics
- Computer Programming Intermediate
- Logistics Management

# **Certified Nurse Aid for Health Care**

#### **Business & Industry Pathway**

Upon completion of the program, the Certified Nurse Aide student will have completed entry-level nursing assistants training to achieve a level of knowledge, skills, and abilities essential to provide basic care to residents in long-term care facilities.

### Time to Earn

Level 1 Certificate: Continuing Education: 10 weeks

### ✓ Non-Credit

✓ Credit

✓ Stackable Pathway

#### **Example Job Titles** Nursing Assistant, Home Health and Personal Care Aids

### X Work – Based Learning

✓ Dual Credit

### **Market Demand**

Labor Market Demand Data

>12% growth over the next 10 years in the San Antonio region

**Employer Partners** 

Peterson Regional Medical Center Healthcare Collaborative: 12+









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DISTRICT

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# **Certified Patient Care Technician**

#### **Business & Industry Pathway**

This program prepares for the Certified Patient Care Technician (CPCT). Certified Patient Care Technicians are multi-skilled technicians who assist doctors, nurses and other healthcare professionals in providing direct patient care in a variety of healthcare environments including hospitals.

### Time to Earn

Certificate: 10 weeks

✓ Non-Credit

X Credit

✓ Stackable Pathway

**Example Job Titles** Patient Care Assistant, Patient Care Technician

### **Market Demand**

Labor Market Demand Data

>12% growth over the next 10
years in the San Antonio region

**Employer Partners** 

Healthcare Collaborative: 12+







X Work – Based Learning

**X** Dual Credit





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C O L L E G E S <u>D I S T R </u>I C T

# **Vocational Nursing Certificate**

#### **Business & Industry Pathway**

The St. Philip's College Vocational Nursing Program is approved by the Texas Board of Nursing and the Texas Higher Education Coordinating Board to award the Certificate of Completion in Vocational Nursing.

**Time to Earn** Level 2 Certificate: 15 months **Example Job Titles** Licensed Vocational Nurse

Market Demand

Labor Market Demand Data

>12% growth over the next 10 years in the San Antonio region

X Non-Credit

✓ Credit

✓ Stackable Pathway

✓ Work – Based Learning

### X Dual Credit











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### **Computer Programming Basics**

#### **Business & Industry Pathway**

This degree plan helps prepare the student for an entry-level position in programming computers. This program of study includes software program design and structured programming techniques since programmers have begun to assume some of the responsibilities that were once performed only by software engineers.

### Time to Earn

Level 1 Certificate: 6 months – 1year



**Credit** 

✓ Stackable Pathway



**X** Work – Based Learning

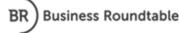
✓ Dual Credit

**Market Demand** 

Labor Market Demand Data

>10% growth over the next 10 years in the San Antonio region











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COLLEGES DISTRICT

### **Computer Programming Intermediate**

#### **Business & Industry Pathway**

Students earning this degree will be prepared to pursue information technology and networking careers in a variety of industries, including healthcare, financial services, education, entertainment, and more.

**Time to Earn** Level 2 Certificate: 2 years

✓ Non-Credit

✓ Credit

✓ Stackable Pathway

**Example Job Titles** Network Administrator CCNA

**X** Work – Based Learning

🗸 Dual Credit

**Market Demand** 

Labor Market Demand Data

>10% growth over the next 10
years in the San Antonio region

**Employer Partners** 

Cisco











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# **Logistics Management**

#### **Business & Industry Pathway**

The program covers the foundational areas of logistics and supply chain and develops students' ability to think critically and solve realworld problems.

### Time to Earn

Level 1 Certificate: 1 year Continuing Education: 8 weeks

#### ✓ Non-Credit

✓ Credit

✓ Stackable Pathway



### **Market Demand**

Labor Market Demand Data

>21% growth over the next 10 years in the San Antonio region

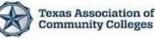








**X** Work – Based Learning





ALAMO

C O L L E G E S D I S T R I C T