

Catalog Supplement
2016-2017 Catalog, Volume 9
Revision Date: April 24, 2017

Effective June 14, 2016

Page 38, **Heating, Air Conditioning and Refrigeration Technology (HVAC)**

The currently published program will no longer enroll new students as of June 15, 2016.

Page 39, **Medical Assisting**

The currently published program will no longer enroll students as of June 15, 2016.

Effective July 11, 2016, the following programs shall be offered:

Heating, Air Conditioning and Refrigeration Technology
Diploma
48 Quarter Credits/40 weeks

The diploma program in HVAC is designed to prepare students for entry-level employment as HVAC technicians by providing students with a foundation of knowledge and technically oriented experiences in the application of relevant technology systems. The HVAC program curriculum includes learning experiences intended to prepare a successful graduate to install and service residential and light commercial air conditioning, heating and refrigeration systems.

Course Number	Required Courses	Quarter Credits
CON101	Introduction to Building Construction	6
EIT115	Basic Electricity and Electronics	4.5
EIT250	Motors and Controls	4.5
HAC150	Air Conditioning and Refrigeration Theory	4.5
HAC170	Air Conditioning	4.5
HAC200	Applied Heating	4.5
HAC230	HVAC System Design	4.5
HAC240	Commercial Refrigeration	4.5
HAC250	Commercial Air Conditioning	4.5
SLS110	Career Preparation	6
	Total Credits	48

NOTE: The College makes no representation, promise, or guarantee that completion of this program either assures eligibility for or passage of any certification examination, acceptance by any state board, or that this program is intended to prepare graduates for employment in any state other than Florida. Prospective and current students, as well as graduates, are responsible for researching and understanding all examination, registration, or licensure requirements in any state in which they seek to become registered, licensed, or employed.

**Medical Assisting
Diploma
51 Quarter Credits/40 weeks**

The Medical Assisting diploma program is designed to prepare students for positions as entry-level medical assistants in a physician’s office, or other medical facilities. This program focuses on providing instruction, through a combination of classroom, laboratory and clinical experiences, in the skills necessary to assist physicians in both the administrative and clinical duties of a medical facility.

Course Number	Required Courses	Quarter Credits
HLT101	Introduction to Health Careers	4.5
MED101	Medical Terminology	6
MED110	Foundations of Anatomy and Physiology	6
MED231	Clinical Skills for Medical Assistants	4.5
MED233	Medical Procedures	4.5
MED242	Fundamentals of Pharmacology	6
MED251	Allied Health Clinical Skills	4.5
MED253	Allied Health Laboratory Skills	4.5
MED265	Medical Assisting Externship	6
MOS201	Introduction to Electronic Health Records	4.5
	Total Credits	51

NOTE: In the State of Florida, qualified graduates from this program may be eligible to sit for one or both of the following certifications: Registered Medical Assistant (RMA) or Certified Clinical Medical Assistant (CCMA). The College makes no representation, promise, or guarantee that completion of this program either assures eligibility for or passage of any certification examination, acceptance by any state board, or that this program is intended to prepare graduates for employment in any state other than Florida. Prospective and current students, as well as graduates, are responsible for researching and understanding all examination, registration, or licensure requirements in any state in which they seek to become registered, licensed, or employed.

Course Descriptions

CON101 Introduction to Building Construction 6 credit hours

This course provides a study of Energy Efficient Building Construction and OSHA regulations. This course also includes an introduction to blueprint reading and the proper use of architectural and engineering symbols, relationship of views, and construction measurements. The student will learn basic construction mathematics and principles. Pre-requisite: None.

EIT250 Motors and Controls 4.5 credit hours

This course is intended to assist the student to learn how AC motors operate and how to install them. The course will give the student an understanding of how motor controls are designed and installed to provide control schemes. Efforts will be made to keep the course practical, yet to provide the theory about why a motor and an associated control system works. Lab included. Pre-requisite: EIT115 or EIT125.

HAC200 Applied Heating 4.5 credit hours

Heat pumps will be introduced and a study of the procedures and principles used in serving heating systems to include gas, electric, and hydronic systems. Lab included. Pre-requisites: HAC150.

HAC240 **Commercial Refrigeration** **4.5 credit hours**
This course introduces practical application in the maintenance of commercial refrigeration: high, medium, and low temperature applications and ice machines. Lab included. Pre-requisite: HAC150 and EIT250.

HAC250 **Commercial Air Conditioning** **4.5 credit hours**
This course encompasses the study of components, applications, and installation of air conditioning systems with capacities of 25 tons or less. Lab included. Pre-requisite: HAC150 and EIT250.

HTL101 **Introduction to Health Careers** **4.5 credit hours**
This course describes health care delivery systems and health occupations. The course also includes communication and use of interpersonal skills, legal and ethical responsibilities and provides a presentation of wellness and disease concepts. Other components of the course include: recognition of and practice of safety and security procedure, recognition and response to emergency situations, factors related to the transmission of diseases, HIV/AIDS awareness, domestic violence awareness, cardio-pulmonary resuscitation, OSHA/standard precautions blood borne pathogen awareness, infection control/hand washing, and Alzheimer's awareness. Lab included. Pre-requisites: None.

MED110 **Foundations of Anatomy and Physiology** **6 credit hours**
This course introduces the student to the structures, functions, and interrelationships of the human body systems. The course content will include the discussion of the functions and structures of the body and the movement and support of integration and coordination. Pre-requisites: MED101.

MED231 **Clinical Skills for Medical Assistants** **4.5 credit hours**
This course develops the theory and practical components relating to universal precautions, OSHA safety regulations, aseptic technique, instrumentation, patient interviewing, taking and recording vital signs. Lab included. Pre-requisites: MED220 or MED120 or MED110.

MED233 **Medical Procedures** **4.5 credit hours**
This course covers instruction in clinical skills for the allied health fields. This course focuses on preparation of the patient, pulmonary function and assisting with and documenting routine clinical procedures. Lab included. Pre-requisites: MED220 or MED120 or MED110.

MED242 **Fundamentals of Pharmacology** **6 credit hours**
This course is the study of drugs with emphasis on concepts related to steps in the drug cycle and drug effects. A systems approach is used in learning major classifications of drugs and drugs of choice for selected disease processes and pathological conditions. Pre-requisites: MED101 or HLT101.

MED251 **Allied Health Clinical Skills** **4.5 credit hours**
This course covers the performance and quality control for medical tests common to a medical office. Skills covered include assisting with X-ray safety and techniques, rehabilitation and therapeutic modalities and performing electrocardiograms. Lab included. Pre-requisites: MED220 or MED120 or MED110.

MED253 **Allied Health Lab Procedures** **4.5 credit hours**
This course involves the study of medical laboratory procedures, and covers the collection, performance and quality control for medical tests common to a physician's office, including clinical chemistry, phlebotomy, and urinalysis. Lab included. Pre-requisites: MED220 or MED120 or MED110.

MOS201 Introduction to Electronic Health Records 4.5 credit hours

This course introduces basic concepts of use and maintenance of an Electronic Health Records (EHR) system. Provides exposure to basic navigation of an EHR. Explores issues around privacy, security, government regulations and ethical legal aspects of the health information technology environment. Lab included. Pre-requisites: None.

SLS110 Career Preparation 6 credit hours

This course provides students with the foundation for job preparation and job searching. Students will identify their qualifications for their chosen career; identify what employers look for in strong candidates; build resumes and cover letters; gain tips on completing applications; job and informational interviewing; as well as job searching, professional networking, and tips for setting up a successful career. This course will also introduce students to the application of basic interpersonal communication skills, with a focus on achieving success in the workplace. Pre-requisites: None.

Effective July 15, 2016

Page 9, Grading System

The following grade shall be added to the published chart:

Grade	Percentage	Credits Earned	Credits Attempted	Quality Points	CGPA	SAP
CE- Continuing Externship		N	Y	0.00	N	Y

Page 9, Grading Definitions

The following definitions shall be added to the published listing:

CE- Continuing Externship- the student has partially completed the required numbers of externship/practicum hours and has received a satisfactory evaluation from the site. A “CE” not completed within the specified timeframe may convert to an “F” grade in the course. A “CE” grade is not calculated into the CGPA but is considered in the determination of satisfactory academic progress.

Page 10, Cumulative Grade Point Average

The following sentence shall replace the one published in this section:

“S,” “T,” “CX,” “U,” “NC,” “W,” “P,” “I,” and “CE” grades are not included in the computation.

Effective August 25, 2016

Law Enforcement Professional and First Responder Scholarships

The Law Enforcement Professional and First Responder Scholarships are offered to students who wish to pursue completion of any program, with the exception of the Diagnostic Medical Sonography Associate of Science degree program and the Nursing Associate of Science degree program, at Southern Technical College. These scholarships are available to new and continuing students and are awarded based on the student’s entrance and academic achievements. The scholarships are meant to help defray program costs for those recipients who complete their program of study.

- The STC Law Enforcement Professional and First Responder Scholarships are available only to full-time students at Southern Technical College.

- The recipient must meet all institutional and programmatic admissions requirements, including graduation from high school or its equivalent and the submission of a letter of recommendation from a high school counselor, community leader, supervisor or individual who can attest to the applicant's potential to succeed in the program of choice.
- The recipient must carry a full-time course load, except during terms that the program sequencing dictates a lesser course load or during terms when the student is impacted by approved transfer credit.
- In order to maintain eligibility, the recipient must maintain a cumulative grade point average of 2.5 at the end of every term.
- The recipient may only withdraw from the institution one time and must re-enter in the subsequent term.
- The scholarship does not apply to fees or other charges.
- The recipient is not eligible to participate in any other institutionally funded financial assistance program.
- The scholarship for new and continuing students will be awarded for up to \$4000 and upon completion of a diploma program.
- The scholarship for new and continuing students will be awarded for up to \$6000 and upon completion of an associate's Degree program.
- The recipient must be a current or retired Law Enforcement Professional or First Responder, or must be an immediate family member of a current or retired Law Enforcement Professional or First Responder. The recipient must be able to provide official identification or documentation that displays current or retired status. If the recipient is an immediate family member, the recipient must be able to provide proof of relationship and the aforementioned identification or documentation of status of the sponsoring Law Enforcement Professional or First Responder.

Effective September 9, 2016

Veteran and Military Scholarships

The Veteran and Military Scholarships are offered to students who wish to pursue completion of any program, with the exception of the Diagnostic Medical Sonography Associate of Science degree program and the Nursing Associate of Science degree program, at Southern Technical College. These scholarships are available to new and continuing students and are awarded based on the student's entrance and academic achievements. The scholarships are meant to help defray program costs for those recipients who complete their program of study.

- The STC Veteran and Military Scholarships are available only to full-time students at Southern Technical College.
- The recipient must meet all institutional and programmatic admissions requirements, including graduation from high school or its equivalent and the submission of a letter of recommendation from a high school counselor, community leader, supervisor or other individual who can attest to the applicant's potential to succeed in the program of choice.
- The recipient must carry a full-time course load, except during terms that the program sequencing dictates a lesser course load or during terms when the student is impacted by approved transfer credit.
- In order to maintain eligibility, the recipient must maintain a cumulative grade point average of 2.5 at the end of every term.

- The recipient may only withdraw from the institution one time and must re-enter in the subsequent term.
- The scholarships do not apply to fees or other charges.
- The recipient is not eligible to participate in any other institutionally funded financial assistance program.
- The scholarship for new and continuing students will be awarded for up to \$4000 upon completion of a diploma program.
- The scholarship for new and continuing students will be awarded for up to \$6000 upon completion of an associate's degree program.
- The recipient must be a veteran, reserve, or active member of any branch of the US military, or must be an immediate family member of a veteran, reserve, or active member of any branch of the US military. The recipient must be able to provide official identification or documentation that displays status. If the recipient is an immediate family member, the recipient must be able to provide proof of relationship and the aforementioned identification or documentation of status of the sponsoring veteran, reserve, or active member of any branch of the US military.

Effective September 30, 2016

High School and GED Community Scholarships

The High School and GED Community Scholarships are offered to students who wish to pursue completion of any program, with the exception of the Diagnostic Medical Sonography Associate of Science degree program and the Nursing Associate of Science degree program, at Southern Technical College. The scholarships are available to new students and are awarded based on the student's entrance and academic achievements. The scholarships are meant to help defray program costs for those recipients who complete their program of study.

- The STC High School and GED Community Scholarships are available only to full-time students at Southern Technical College.
- The recipient must complete an essay of no more than 300 words explaining why he/she will be a terrific STC graduate.
- The recipient must meet all institutional and programmatic admissions requirements, including graduation from high school or its equivalent and the submission of a letter of recommendation from a high school counselor, community leader, supervisor or other individual who can attest to the applicant's potential to succeed in the program of choice.
- The recipient must carry a full-time course load, except during terms that the program sequencing dictates a lesser course load or during terms when the student is impacted by approved transfer credit.
- In order to maintain eligibility, the recipient must maintain a cumulative grade point average of 2.5 at the end of every term.
- The recipient may only withdraw from the institution one time and must re-enter in the subsequent term.
- The scholarships do not apply to fees or other charges.
- The recipient is not eligible to participate in any other institutionally funded financial assistance program.
- The recipient must have earned a GED or Standard High School Diploma in 2016. Transcripts with a date of completion/ graduation are required.

Page 5, **Administration**

Mr. Pedro C. De Guzman.....Chief Executive Officer
 Mr. Christopher Abel..... Chief Financial Officer/Executive Vice President
 Dr. Lori Moran.....Chief Operating Officer/Sr. Vice President
 Mr. Mike Rhodes.....Sr. Vice President, Admissions
 Mr. Richard Bennett.....Sr. Vice President, Financial Aid
 Dr. Ilia Matos.....Sr. Vice President, Institutional Quality
 and Accreditation
 Mr. Sandeep Kaup.....Vice President, Marketing
 Ms. Andrea Mitchell..... Group Director of Career Services

Effective October 3, 2016

Page 3, **Academic Calendar**

The 2016 Fall B term begins on 10/31/16 and ends on 11/23/16.

Page 32, **Applied Electronics Technology**

The published program outline has been replaced with the following:

Course Number	Required Courses	Quarter Credits
	<i>Core Courses</i>	
BUS103	Introduction to Business	6
COC100	Computer Concepts	4.5
CON101	Introduction to Building Construction	6
CON210	Systems Controls	4.5
EIT115	Basic Electricity and Electronics	4.5
EIT250	Motors and Controls	4.5
HAC150	Air Conditioning and Refrigeration Theory	4.5
HAC170	Air Conditioning	4.5
HAC200	Applied Heating	4.5
HAC230	HVAC System Design	4.5
HAC240	Commercial Refrigeration	4.5
HAC250	Commercial Air Conditioning	4.5
	<i>Foundation Courses</i>	
SLS110	Career Preparation	6
GEN102	Professional Development and Success	6
	<i>General Education Courses</i>	
COM101	Communications	6
ENG101	English Composition I	6
MAT105	College Mathematics	6
PSY107	Introduction to Psychology	6
	<i>Total Credits Required for Graduation</i>	93

Page 34, **Medical Assisting**

The published program outline has been replaced with the following:

Course Number	Required Courses	Quarter Credits
	<i>Core Courses</i>	
COC100	Computer Concepts	4.5
HLT101	Introduction to Health Careers	4.5

MED101	Medical Terminology	6
MED110	Foundations of Anatomy and Physiology	6
MED231	Clinical Skills for Medical Assistants	4.5
MED233	Medical Procedures	4.5
MED242	Fundamentals of Pharmacology	6
MED251	Allied Health Clinical Skills	4.5
MED253	Allied Health Laboratory Skills	4.5
MED265	Medical Assisting Externship	6
MOS201	Introduction to Electronic Health Records	4.5
MOS224	Medical Office Administrative Procedures	4.5
	<i>Foundation Courses</i>	
SLS110	Career Preparation	6
GEN102	Professional Development and Success	6
	<i>General Education Courses</i>	
COM101	Communications	6
ENG101	English Composition I	6
MAT105	College Mathematics	6
PSY107	Introduction to Psychology	6
	<i>Total Credits Required for Graduation</i>	96

Effective November 25, 2016

Page 43, **Course Descriptions**

MED110, Foundations of Anatomy and Physiology

Pre-requisites: None

PCT100, Patient Care Procedures

Pre-requisites: None

Effective November 28, 2016

Page 43, **Course Descriptions**

HAC240, Commercial Refrigeration

Pre-requisites: EIT115 and HAC150

HAC250, Commercial Air Conditioning

Pre-requisites: EIT115 and HAC150

Effective December 5, 2016

Page 36, **Associate of Science in Welding Technology**

The currently published program will no longer enroll students as of December 5, 2016.

Welding Technology*

Diploma

46.5 credit hours/40 weeks

Orlando, Sanford

The Welding Technology curriculum provides students with a sound understanding of the science, technology and applications essential for successful employment in the welding and metalworking industry. Key welding processes include SMAW (stick), GMAW/FCAW (MIG/Fluxcore), and GTAW (TIG) welding procedures. Students learn welding safety, torch cutting processes, proper arc welding equipment setup, important welding control techniques, fundamental welding processes, and basic welding metallurgy. This residential program offers a combination of classroom theory, demonstration and practice. Primary emphasis is placed on hands-on development of critical welding skills.

Graduates of the Welding Technology program may be employed as entry level-technicians in welding and metalworking industries. Career opportunities also exist in construction, manufacturing, fabrication, and welding-related self-employment. Graduates may be eligible to sit for certifications in welding skills.

Course Code	Course Description	Credits
	Core Courses	
WLD100	Introduction to Welding	4.5
WLD102	Fillet Welding	4.5
WLD110	Structural Welding	4.5
WLD120	SMAW Groove Welding	4.5
WLD140	Basic Pipe Welding	4.5
WLD150	Pipe Welding I	4.5
WLD160	Pipe Welding II	4.5
WLD180	Non-Ferrous Welding I	4.5
WLD184	Non-Ferrous Welding II	4.5
SLS110	Career Preparation	6.0

**This program is not Title IV eligible, as of the time of this publication.*

Course Descriptions

WLD160, Pipe Welding II

Pre-requisites: WLD140

WLD102 Fillet Welding

4.5 Credit Hours

Students will learn about prepping plates for weld, running stringers, stops and starts, proper travel and work angle. Students will start performing structural welds based on A.W.S. D1.1 standards. Students will learn about prepping plates for weld, running stringers, stops and starts, proper travel and work angle on a T joint in the 1F, 2F, 3F, and 4F positions. Lab included. Prerequisites: WLD100

WLD120 SMAW Groove Welding

4.5 Credit Hours

Continue to work on F3 F4 code and G3 G4 codes. Students will learn about the different career paths they can take in the welding field, and look at opportunities of advancing their welding education, also how to prepare specimens for testing. Students will learn about the different career paths they can take in the welding field, and look at opportunities of advancing their welding education, also how to prepare specimens

for testing. Students will learn how different metals react to heat and stress, and learn different mechanical properties of metal. Lab included. Pre-requisites: WLD100

WLD180 Non-Ferrous Welding I 4.5 Credit Hours

This course is designed to introduce students to properties and techniques associated with working with one type of non-ferrous metal in the welding field. The course will focus on welding with aluminum. Lab included. Prerequisites: WLD100, WLD102 and WLD110

WLD184 Non-Ferrous Welding II 4.5 Credit Hours

This course is designed to introduce students to properties and techniques associated with working with one type of non-ferrous metal in the welding field. The course will be focus on welding with stainless steel (GTAW). Lab included. Prerequisite(s): WLD100, WLD102, and WLD110

Effective December 21, 2016

Page 5, **Institutional Membership and Affiliations**

The Sanford and Orlando campuses are members of the American Welding Society.

Page 18, **Course Repetitions for Students Receiving VA Educational Benefits**

Classes that are successfully completed may not be certified for again for VA purposes, if they are repeated. However, if a student fails a class, or if a program requires a higher grade than the one achieved in a particular class for successful completion, that course class may be repeated and certified to VA again.

Page 50, **Course Descriptions**

PSY107 Introduction to Psychology 6.0 credit hours

This course introduces the student to the fundamental concepts and methods of psychology examined from the major schools – biological, learning, cognitive, socio-cultural, and psychodynamic. Pre-requisites: None

Effective December 28, 2016

Page 4, **Accreditation**

Southern Technical College is accredited by the Accrediting Council for Independent Colleges and Schools (ACICS) located at 750 First Street, NE, Suite 980, Washington, D.C. 20002-4223, to award bachelor's degrees, associate's degrees, certificates, and diplomas. As of December 12, 2016, ACICS is no longer recognized by the Secretary of the United States Department of Education and, as a result, Southern Technical College has 18 months from the date of the decision (by June 12, 2018) to secure approval from another federally recognized accrediting agency in order to maintain eligibility to receive Title IV, HEA program funds after that date. Southern Technical College is in the process of transitioning its primary accreditation to a new national accrediting body that is recognized by the Secretary of the United States Department of Education and expects that process to be complete in early 2018.

If Southern Technical College does not obtain accreditation within the required 18 month period, the institution would no longer be eligible to receive funds under Title IV, HEA programs. As noted above, Southern Technical College anticipates accreditation under a new accrediting body well before this 18 month deadline and currently remains eligible to receive Title IV program funds.

Any student who has a complaint relating to Title IV eligibility or administration, the quality of education received at Southern Technical College, or otherwise relating to the accreditation standards of its former accrediting agency can submit that complaint to the School Administration of Southern Technical College directly at studentcomplaint@southernotech.edu or call 407-757-1383 and/or to any of the following: the Commission for Independent Education, Florida Department of Education at 325 West Gaines Street, Suite 1414, Tallahassee, FL 32399-0400; the Department of Education's Student Complaint website at <https://studentaid.ed.gov/sa/repay-loans/disputes/prepare/contact-ombudsman>; the Florida Attorney General Office at PL-01 The Capitol, Tallahassee, FL 32399-1050; or the Florida Department of Agriculture Division of Consumer Services at P.O. Box 6700, Tallahassee, FL 32399-6700.

Page 12, **Minimum CGPA Achievement**

The following table shall replace the one listed on the current edition of the catalog.

Diploma Programs

Credit Attempted	Minimum Completion Rate
0 - 23.9	1.25
24 – 42.9	1.75
43 and up	2.00

Page 43, **Course Descriptions**

MED110 Foundations of Anatomy and Physiology 6.0 credit hours

Pre-requisites: None

PCT100 Patient Care Procedures 4.5 credit hours

Pre-requisites: None

PCT110 Articulated Nursing Assistant I 4.5 credit hours

Pre-requisites: MED101 and MED110

PCT110 Articulated Nursing Assistant II 4.5 credit hours

Pre-requisites: MED101 and MED110

PHB101 Phlebotomy 4.5 credit hours

Pre-requisites: None

Effective January 17, 2017

Page 5, **Facilities**

Southern Technical College School of Welding

The Orlando main campus has a learning site located at 2400 Sand Lake Road, Suite 600, Orlando, FL 32809. The Orlando campus is just over a mile away. This facility includes approximately 10,000 square feet of two multi-purpose classrooms, a hands-on laboratory with welding stations, a break area, and academic and administrative office space. Personal computers and printers are available for student use. Most administrative and student services are managed from the main campus. The telephone number for the learning site is (407) 438-6000.

Page 31, **Program Information**

The Southern Technical College School of Welding offers the following programs:

- Welding Technology, Diploma, 46.5 quarter credit hours/40 weeks
- Welding Technology, Associate of Science, 91.5 quarter credit hours/72 weeks

Effective immediately, the following programs will no longer accept new students:

- Associate of Science in Medical Assisting
- Associate of Science in Medical Office Administration

Effective January 19, 2017

Page 11, **Maximum Time Frame**

The following table shall replace the one currently published in the catalog:

Program	Graduation Requirement	Maximum Time Frame
Business Office Specialist (Diploma)	46.5 credits	69.0 credits
Heating, Air Conditioning and Refrigeration Technology (Diploma)	48.0 credits	72.0 credits
Heating, Air Conditioning and Refrigeration Technology (Diploma)	43.5 credits	65.0 credits
Medical Assisting (Diploma)	51.0 credits	76.0 credits
Medical Assisting (Diploma)	45.5 credits	68.0 credits
Medical Billing and Coding (Diploma)	44.0 credits	66.0 credits
Patient Care Technician (Diploma)	42.0 credits	63.0 credits
Welding Technology (Diploma)	46.5 credits	69.0 credits
Applied Electronics Technology (Degree)	93.0 credits	139.0 credits
Electrical Trades Technology (Degree)	91.5 credits	137.0 credits
Medical Assisting (Degree)	96.0 credits	144.0 credits
Medical Billing and Coding (Degree)	93.5 credits	140.0 credits
Welding Technology (Degree)	91.5 credits	137.0 credits

Effective January 27, 2017

Page 33, **Electrical Trades Technology**

The published program outline has been replaced with the following:

Course Number	Required Courses	Quarter Credits
	<i>Core Courses</i>	
BUS103	Introduction to Business	6
COC100	Computer Concepts	4.5
CON101	Introduction to Building Construction	6
EIT115	Basic Electricity and Electronics	4.5
EIT125	Alternating Current and Passive Devices	4.5
EIT201	Residential Electronics Systems	4.5
EIT215	Programmable Logic Controllers and DDC	4.5
EIT220	Advanced Residential Circuit Installation	4.5
EIT230	Service Installation and Troubleshooting	4.5
EIT240	Commercial Wiring	4.5
EIT250	Motors and Controls	4.5
EIT260	Principles and Applied Practices of Residential Wiring	4.5
	<i>Foundation Courses</i>	
SLS110	Career Preparation	6
GEN102	Professional Development and Success	6
	<i>General Education Courses</i>	
COM101	Communications	6
ENG101	English Composition I	6
MAT105	College Mathematics	6
PSY107	Introduction to Psychology	6
	<i>Total Credits Required for Graduation</i>	93

Effective, February 3, 2017

Page 43, **Course Descriptions**

EIT220 Advanced Residential Circuit Installation 4.5 credit hours

Pre-requisites: EIT260

EIT230 Service Installation and Troubleshooting 4.5 credit hours

Pre-requisites: EIT240

EIT250 Motors and Controls 4.5 credit hours

Pre-requisites: EIT115 or EIT125

EIT270 Industrial Maintenance 4.5 credit hours

Pre-requisites: EIT125

Effective February 8, 2017

Admissions Policy Allowing for Exceptions to Proof of Graduation Requirement in Cases of Documentation Hardship

In exceptional instances, Southern Technical College may accept for admittance an applicant who can document that he/she attempted to secure written proof of high school graduation or the equivalent and, through no fault of his/her own, was unable to secure such proof of high school graduation or the equivalent. This exception applies only to students applying for entry into Diploma level programs. There are three (3) criteria to be met in order to qualify for this exception:

1. There must be documentation of the unusual circumstance from a third party supporting that the written proof of graduation could not be reasonably secured.
2. The student must demonstrate the ability to benefit from the training by achieving a minimum score of 12 on the Wonderlic SLE within the allowable time limit.
3. The student must sign an attestation form affirming the fact that he/she earned a standard high school diploma or the equivalent.

Effective February 27, 2017

Tuition Roll Back Grants

The Tuition Roll Back (TRB) Grants are offered to students who were active students in the Medical Assisting diploma program or the HVAC diploma program at the Sanford or Mount Dora campuses as of February 27, 2017. Students from another campus who were actively enrolled in one of the three programs on February 27, 2017 and who later dropped, are eligible for Parts Two and Three of the grant if they reenter at the Sanford or Mount Dora campus. The grants are awarded based on the student's academic achievements. The grants are meant to help defray program costs for those recipients who complete their program of study.

- The STC TRB Grants are available only to full-time students at Southern Technical College at the Sanford or Mount Dora campus.
- The recipient must be an active student at the Sanford or Mount Dora campus currently maintaining satisfactory academic progress in the Medical Assisting or HVAC diploma program.
- The recipient must carry a full-time course load, except during terms that the program sequencing dictates a lesser course load or during terms when the student is impacted by approved transfer credit.
- In order to maintain eligibility, the recipient must achieve prescribed monthly grade point averages and attendance rates.
- The recipient may only withdraw from the institution one time and must re-enter in the subsequent term.
- The grants do not apply to fees or other charges.
- The recipient is not eligible to participate in any other institutionally funded financial assistance program.

Part One:

- Eligible students will receive a \$120 credit for current or past mods during which the student achieved a modular grade point average of at least 3.0, and achieved a modular attendance rate of at least 75%, and had no documented behavioral issues.

Part Two:

- Eligible students will receive a \$120 for any future module during which the student achieves a modular grade point average of at least 3.0, and achieves a modular attendance rate of at least 80%, and has no documented behavioral issues.

Part Three:

- Eligible students will receive up to a \$360 credit towards any remaining balance if the student is placed in a full-time training related job that can be verified by a third party selected by the institution within 30 days after graduation.

Effective April 6, 2017

Page 31, Program Information

Effective immediately, the Sanford and Orlando campuses are not accepting applications for the Diploma in Welding Technology.

Page 43, Course Descriptions

HAC170 Air Conditioning 4.5 credit hours

Pre-requisites: None

Tuition Roll Back Scholarships

The Tuition Roll Back (TRB) Scholarships are offered to students who were active students in the Medical Assisting diploma program or the HVAC diploma program at the Auburndale, Brandon, or Orlando campuses as of April 6, 2017. Students from another campus who were actively enrolled in one of the three programs on April 6, 2017 and who later dropped, are eligible for Parts Two and Three of the scholarship if they reenter at the Auburndale, Brandon, or Orlando campus. The scholarships are awarded based on the student's academic achievements. The scholarships are meant to help defray program costs for those recipients who complete their program of study.

- The STC TRB Scholarships are available only to full-time students at Southern Technical College at the Auburndale, Brandon, or Orlando campus.
- The recipient must be an active student at the Auburndale, Brandon, or Orlando campus currently maintaining satisfactory academic progress in the Medical Assisting or HVAC diploma program.
- The recipient must carry a full-time course load, except during terms that the program sequencing dictates a lesser course load or during terms when the student is impacted by approved transfer credit.
- In order to maintain eligibility, the recipient must achieve prescribed monthly grade point averages and attendance rates.
- The recipient may only withdraw from the institution one time and must re-enter in the subsequent term.
- The scholarships do not apply to fees or other charges.
- The recipient is not eligible to participate in any other institutionally funded financial assistance program.

Part One:

- Eligible students will receive a \$120 credit for current or past mods during which the student achieved a modular grade point average of at least 3.0, and achieved a modular attendance rate of at least 75%, and had no documented behavioral issues.

Part Two:

- Eligible students will receive a \$120 for any future module during which the student achieves a modular grade point average of at least 3.0, and achieves a modular attendance rate of at least 80%, and has no documented behavioral issues.

Part Three:

- Eligible students will receive up to a \$360 credit towards any remaining balance if the student is placed in a full-time training related job that can be verified by a third party selected by the institution within 30 days after graduation.

Effective April 24, 2017

Career Pathways Program

The STC Career Pathways Program (CPP) is designed for students who do not have a general equivalency diploma (GED) or a high school diploma and wish to attain a college degree. The program is limited to following programs and campus locations:

	Auburndale	Brandon	Mount Dora	Orlando	Sanford
Programs:					
Diploma in HVAC	X	X	X	X	X
Diploma in Medical Assisting	X	X	X	X	X
Diploma in Patient Care Technician	X	X	X	X	X
Associate of Science in Welding Technology				X	X

Applicants to the program are required to take and pass the Wonderlic ATB assessment prior to enrolling in the institution. A minimum score of 200 on the Verbal and 210 on the Quantitative portions of the exam must be achieved. The guidelines for re-taking the assessment are as follows:

- One re-take is allowed after 48 hours and 2 hours of documented remediation.
- A third attempt is permissible after 60 days of the first attempt and 4 hours of documented remediation.
- An applicant who fails to achieve the minimum required scores on both sections of the exam after three attempts, must wait six months before re-taking the examination.
- An applicant who fails to achieve the minimum required scores on both sections of the assessment after four attempts, must wait one year before testing again.

In addition to the scheduled hours for post-secondary instruction, students admitted to the CPP are required to attend a GED preparation course for a minimum of four hours per week, achieve an overall 75% attendance, and take the GED exam within six months of admission into the program. Weekly academic advising sessions are mandatory.

Page 31, **Program Information**

The program of study outlined on page 36 of the current catalog has been replaced by the following:

Welding Technology

Associate of Science Degree Program – 93 Credits/ 18 months

Program Description: The Welding Technology program is designed to fuse the technological, professional and technical skills necessary to ensure that graduates are competent welders and business professionals. This residential program offers students relevant general education, business and technology courses and a complete series of skills development in welding. Students will develop skills in Fillet (F) and Groove (G) Welding, and Metal Arc Shield Welding. Students will also learn MIG/TIG components of more advanced welding techniques for pipe welding. This program prepares students for careers in welding by offering a hands-on competency based experience. Students may be eligible to sit for certifications in basic and intermediate welding skills.

Graduates from this program may seek entry level employment as a welder in a welding shop, ship yard, automotive repair facility, construction and other work settings.

Course Code	Course Description	Credits
	Core Courses	
BUS103	Introduction to Business	6
COC100	Computer Concepts	4.5
CON101	Introduction to Building Construction	6
GEN102	Professional Development and Success	6
SLS110	Career Preparation	6
WLD100	Introduction to Welding	4.5
WLD102	Fillet Welding	4.5
WLD111	Structural Welding	4.5
WLD120	SMAW Groove Welding	4.5
WLD141	Basic Pipe Welding	4.5
WLD151	Pipe Welding I	4.5
WLD161	Pipe Welding II	4.5
WLD180	Non-Ferrous Welding I	4.5
WLD184	Non-Ferrous Welding II	4.5
	General Education Courses	
ENG101	English Composition I	6
COM101	Communications	6
PSY107	Introduction to Psychology	6
MAT105	College Mathematics	6
	Total Credit Hours	93

Page 43, **Course Descriptions**

WLD111 Structural Welding 4.5 Credit Hours

Students will learn how to do layouts, work off blueprints, and welding procedure qualifications. Students will learn the basics of flux core arc welding (FCAW and GMAW) in various structural joints. Students will learn about structure dimensions, weight bearing, welding joints, and fit up. Lab included. Pre-requisite: WLD100

WLD141 Basic Pipe Welding 4.5 Credit Hours

In this course students develop knowledge, skills, and techniques of basic pipe fitting, use of 90's, T's, flanges, valves, take offs, use of pipe blueprints, sketches, templates, and uphill welding techniques on pipe. Students will learn about pipe fitting, joint preparations, and the difference between pipe and tubing.

Students will gain an understanding of the different types of filler metals and their uses. Lab included. Pre-requisites: WLD100

WLD151 Pipe Welding I

4.5 Credit Hours

Students in this course will receive an overview of MIG equipment and procedure setup, metals identification. Students will also learn weld metal transfer methods short circuiting transfer (GMAW-S, globular transfer, axial spray metal transfer, and pulsed-arc metal transfer), 2G, 5G, and 6G. Lab included. Pre-requisite: WLD141

WLD161 Pipe Welding II

4.5 Credit Hours

This course advances the student to the procedures and practices of Gas Tungsten Arc Welding (GTAW). In this course students learn the operation requirements for portable equipment, tungsten selection, equipment setup and maintenance procedures and testing approaches. Students perform mild steel and stainless TIG welding on plate in various positions (2F, 3F, 2G, 3G, and 4G) using TIG stringer, TIG root followed TIG and/or 7018 fill, and cap. Lab included. Pre-requisite: WLD141

