



Seminole Community College

Be yourself. Only better. SM



CPT

Certified Professional Tract

Automotive Service Technology Management

CPT

scc-fl.edu



National Institute for
AUTOMOTIVE
SERVICE
EXCELLENCE

CPT CERTIFIED PROFESSIONAL TRACK PROGRAM



CONTACTS

Ellen Miars, Automotive Office 407-328-2274

Steve Curfman, Automotive Recruitment Specialist 407-328-2229

Michael Griffin, Program Manager, Automotive Technology 407-328-2037

Edward Chin, Counselor for Automotive Programs 407-328-2237

If you are an **ASE CERTIFIED TECHNICIAN**, you may be close to earning to an **ASSOCIATE IN SCIENCE DEGREE**.

Automotive Service Management Technology Certified Professional Track

The American Counsel on Education's Commission on Educational Credit and Credentials (ACE) has recommended college credit be granted for passing the ASE exams. As a result, ASE certification can be worth college credit. Seminole Community College is proud to provide this opportunity for automotive technicians and managers (with a minimum four years in the certified areas) to get a head start toward an Associate in Science Degree.

This workbook is designed to assist you in planning your degree program.

REQUIREMENTS

Part I	AUTOMOTIVE TECHNICAL COURSES	ASE CERTIFICATION
Part II	CO-OP WORK EXPERIENCE	CURRENT AND PREVIOUS AUTOMOTIVE SERVICE OR MANAGEMENT EXPERIENCE
Part III	ACADEMIC COURSES	FIVE COURSES WHICH MAY BE TAKEN EVENINGS OR ON SATURDAYS
Part IV	ADDITIONAL AUTOMOTIVE COURSES	

PROGRAM REQUIREMENTS

CERTIFIED PROFESSIONAL TRACK

1 Meet with an Automotive Department representative to discuss your goals and plan your A.S. Degree program. Submit the A.S. Degree for Certified Professional Tract application form (p.7) to an automotive department representative.

2 Submit an SCC application to the Admissions Office (A-105) if you have not already done so.

3 Request ASE transcripts from:
ASE Customer Service
101 Blue Seal Dr.
SE Suite 101
Leesburg, VA 20175
Phone 703/669-6600
Fax 703/669-6122

4 Have ASE transcripts sent to:
Michael Griffin, Program Manager,
Automotive Technology
Seminole Community College
100 Weldon Blvd.
Sanford, FL 32773

5 Request an official transcript from any colleges you have attended to be sent to the SCC Admissions Office.

6 Complete Request for Credit form. After you have completed 12 hours, this will be submitted for credit.

7 Develop a portfolio which will document and include (but not limited to) the following:

a ASE Certifications

b Other training classes you have attended

c Years of work experience (minimum four years in the certified areas)

d Letters from employers verifying work experience

This information, in conjunction with your transcripts, will determine the course credit you will receive.

8 Enroll in a minimum of 12 hours of SCC classes to be eligible for the associate degree. All credit awarded by SCC will be determined by the Automotive Program Manger and the Admissions Office.

SEMINOLE COMMUNITY COLLEGE COURSE CREDITS

CERTIFIED PROFESSIONAL TRACK

ASE CERTIFICATION	SCC COURSE	CREDITS
Engine Repair (A1)	AER 1102 Auto Engines	4
Automatic Transmission & TransAxle (A2)	AER 1131 Auto Trans & Drive Sys.	5
Manual Drives & Axles (A3)	*AER 1131 *AER 2252 Electronic Trans Contr.	2
*(A2 & A3 required to be awarded credit for AER 1131 & AER 2252)		
Suspension & Steering (A4)	AER 1450	3
Brakes (A5)	AER 1410	3
Electrical Systems (A6)	AER 2315 Electricity & Electronics I	3
Heating & Air Conditioning (A7)	AER 1171 Heating & AC	3
Engine Performance (A8)	AER 1520 Engine Performance	4

ADDITIONAL CREDITS

Field Experience	AER 2942	(2 cr. – 3 times)	6
------------------	----------	-------------------	---

To receive credit for field experience, applicant must present a portfolio documenting years of technical work experience and positions held. Letters from employers verifying technical work experience are required.

TOTAL CREDITS 33

Advanced Engine Performance (L1)	AER 2522 Driveability & Diagnosis	5
-------------------------------------	-----------------------------------	---

Credit requires certification and evidence of either technical training or manufacturer's training in driveability and diagnoses.

AUTOMOTIVE COURSES TO BE TAKEN AT COLLEGE:

Directed Independent Study in Automotive	AER2905	3
Industrial Co-op	AER 2942	(2 cr. – 2 times) 4
#Chassis Electronics	AER 1313	3
#ABS & Traction Control	AER1932	2
#Electricity & Electronics II	AER 2316	3

#Credit by examination is available

A.S. DEGREE

CERTIFIED PROFESSIONAL TRACK

To be completed by Program Manager

		CREDITS	CODE	PROJECTED DATE
AER1102	Auto Engines	4		
AER2315	Auto Electrical/Electronics I	3		
AER2316*	Auto Electrical/Electronics II	3		
AER1410	Fundamentals of Braking Systems	3		
AER1932*	Anti-lock Brakes and Traction Controls	2		
AER1450	Automotive Steering and Suspension Systems	3		
AER1313*	Chassis Electronics	3		
AER1171	Automotive Heating and Air Conditioning	3		
AER1520	Automotive Engine Performance	4		
AER2522	Automotive Driveability and Diagnoses	5		
AER2252	Electronic Trans. Control	2		
AER1131	Auto Transmission	5		
		Total 40		
Elective	Math	3		
ENC1101	English I	3		
PHY1020	Physical Science	3		
Elective	Social Studies	3		
Elective	Humanities	3		
AER2905	DIS – Automotive	3		
COOP	Cooperative Education 1,2,3	6		
COOP	Cooperative Education 4, 5	4		
		Total 68		

Note: * Can be taken by credit by exam

Codes:

- SUB Substitute for another course with college approval
- EPL Credit for prior experience-based learning
- COM Previous credit; already completed for college credit
- CAM To be taken for college credit on campus

Student Name _____ Signature _____ Date _____

Department Chair _____ Signature _____ Date _____

COURSE SYLLABUS

CERTIFIED PROFESSIONAL TRACK

COURSE Number: AER-2905, 3 credit hours
Directed Study in Automotive For Certified Professionals Tract

CATALOG DESCRIPTION: Pre-Requisites-none
Co-Requisites-one (3 credits / 3 hours)

This course is scheduled for individual ASE Certified Technicians to facilitate the transition into the Automotive Service Management Technology Associate in Science Degree.

Cost: Regular college credit tuition fees apply
No automotive lab fees are associated with this course.

MEASURABLE COURSE OBJECTIVES:

Upon successful completion of this course the student will be able to:

- 1** Demonstrate an understanding of the terms of the A.S. Degree Articulation
- 2** Write a personal learning contract and seek advice from a faculty advisor
- 3** Set achievable timelines and goals for completing the A.S. Degree
- 4** Identify personal benefits of completing the A.S. Degree
- 5** Secure and provide to the Automotive program manager letters from employers verifying work experience
- 6** Secure and provide to the Automotive program manager ASE Master certification transcripts

7 Secure and provide to the Automotive program manager ASE L-1, advanced level certification transcripts

8 Develop a portfolio of automotive training and experience

METHOD OF EVALUATION:

Based on the documents provided by the student to the SCC Automotive Program Manager

COURSE GRADING:

A = 100% Completion of Outline items 1 through 9

B = 100% Completion of Outline items 1 through 8

C = 100% Completion of Outline items 1 through 7

D = 100% Completion of Outline items 1 through 6

COURSE OUTLINE:

- 1** Schedule an initial interview with the Automotive program manager or appointed interviewer
- 2** Complete if applicable, college CPT testing or equivalent
- 3** Have any college transcripts sent to Admissions at SCC
- 4** Contact ASE for certification transcripts via:
 - a** Web site, www.ase.com or www.asecert.org
 - b** Write: ASE Customer Service
101 Blue Seal Dr., S.E. Suite 101
Leesburg, VA 20175
Contact (703) 699-6600
Fax (703) 669-6122

COURSE SYLLABUS

CERTIFIED PROFESSIONAL TRACK

- 5** Have all ASE Transcripts sent to:
Michael Griffin, Program Manager
Seminole Community College
100 Weldon Blvd., Sanford, FL 32773-6199
- 6** Develop a portfolio of:
- a** ASE Certifications
 - b** Other training classes you have attended
 - c** Years of work experience (minimum of four years required)
 - d** Letters from employers verifying work experience (four years minimum)
- 7** Develop a plan to complete the required four credit hours of Cooperative Education at SCC
- a** AER-2942, Cooperative Education, taken twice for four credits
 - b** Contact the Automotive office at 407-328-2274, or appointed person for course section numbers and dates
- 8** Develop a plan to complete 15 credit hours of required General Education courses
- a** Social Science Elective
 - b** Humanities Elective
 - c** College Math Elective
 - d** Physical Science, PHY-1020
 - e** English I, ENC-1101

- 9** Develop one of the two plans to complete the required eight additional automotive credits by using:
- a** Enrollment in the automotive day courses, contact the automotive office for times
Chassis Electronics, AER-1313, 3 credit hours
ABS & Traction Control, AER-1932, 2 credit hours
Electricity & Electronics II, AER- 2316, 3 credit hours
- or-
- b** Receive credit for the required courses, by Credit By Exam
Note: All exams are administered at the SCC Testing and Assessment Office at 407-328-2020
Complete the credit by exam registration process in registration office
Chassis Electronics, AER-1313
ABS & Traction Control, AER-1932
Electricity & Electronics II, AER- 2316

- 10** Communicate with Michael Griffin, Program Manager, or appointed contact person your successful accomplishments via:

- a** E-mail, griffinm@scc-fl.edu
- b** In person at the Sanford-Lake Mary Campus, Building I, Room 112
- c** By phone, 407-328-2037



APPLICATION FORM

CPT Program

Submit to Automotive Department

NAME _____ SS# _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE (h) _____ (w) _____

Email _____

Reason(s) for seeking the A.S. Degree: (check all that apply)

Personal Satisfaction Required for current or future job

Career Advancement Other _____

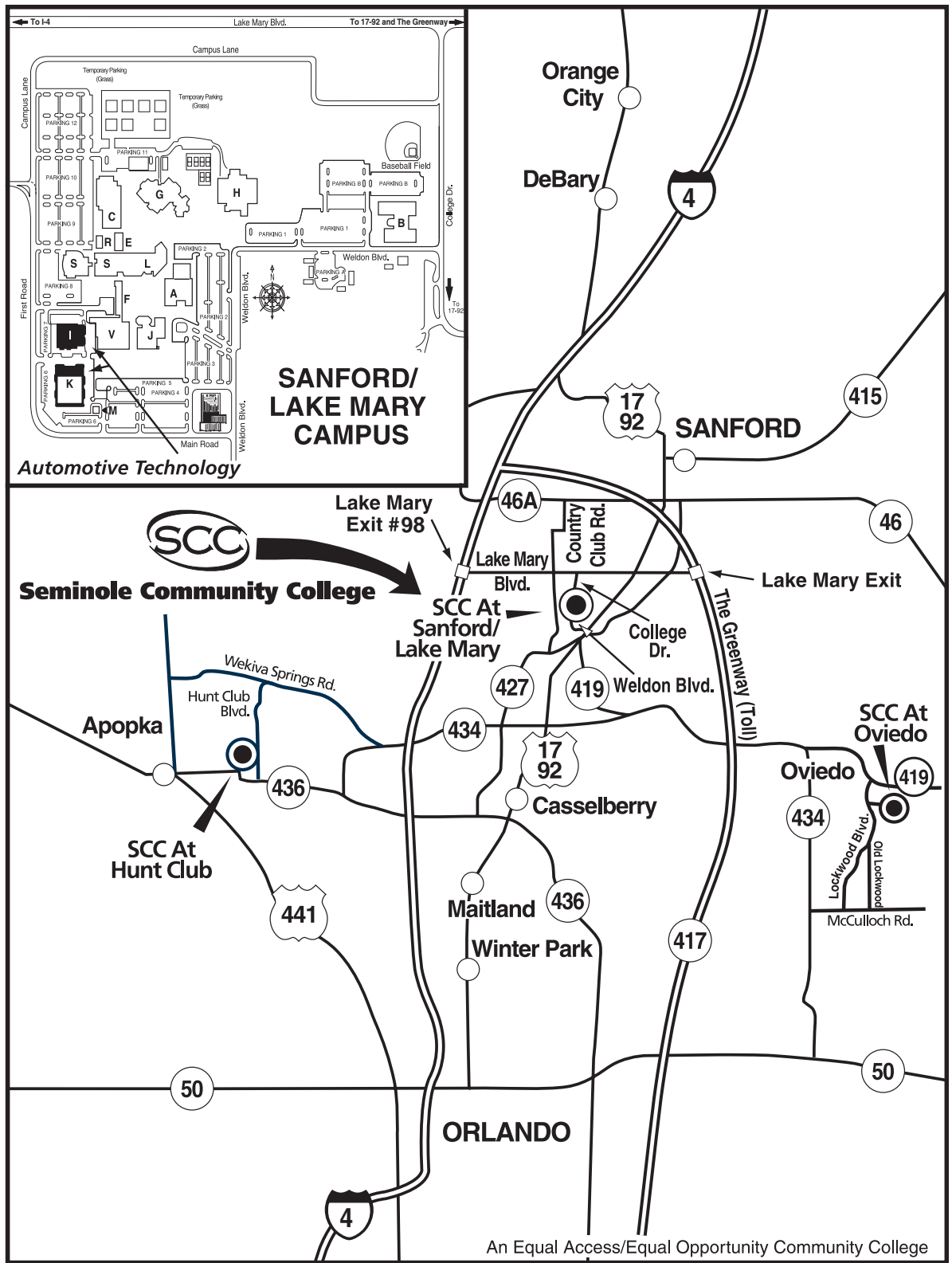
BRIEFLY DESCRIBE YOUR AUTOMOTIVE SERVICE OR MANAGEMENT EXPERIENCE:

CURRENT:

PREVIOUS:

If you have attended college previously, please list any courses you have completed or attach a copy of your transcript(s).

Automotive



From Lake County travel east on Hwy 46 to I-4 (west). (see A) From I-95 take Hwy 46 exit. Travel west to Hwy 17-92 (see B)
 From Hwy 417 take Lake Mary Blvd. exit. Travel west to Hwy 17-92. (see B)

(A) From I-4 take Lake Mary Blvd exit 98. Go east on Lake Mary Blvd approximately 4 miles to College Drive. Turn right onto College Drive. Turn right onto Campus Drive. Go to the K building on left.

(B) From Hwy 17-92, turn onto Weldon Blvd. (Dodge dealership at this intersection). Turn left onto Main Re. Go to the I Bldg on right.



100 Weldon Blvd, Sanford, FL 32773-6199
Phone 407-328-4722
www.scc-fl.edu



Seminole Community College

100 Weldon Boulevard
Sanford, FL 32773-6199
scc-fl.edu

An Equal Access/Equal Opportunity Community College