Automotive Technology

**Start Here**
- Low-Wage Job
- Unemployed
- GED / ABE / ESL
- Career Change

**Short-Term Training**
- General Service Technician Certificate
- 2 Quarters
- 30 Credits (+6 non-degree credits for SJI)

**Optional Internship for SJI**
- Intro to Auto Tech
- General Service
- Tires, Wheels, Alignment
- Basic & Advanced Brakes
- Intro to Electricity
- Intro to Drivability
- Steering/Suspension

**Class Topics**
- Intro to Auto Tech
- General Service
- Tires, Wheels, Alignment
- Basic & Advanced Brakes
- Intro to Electricity
- Intro to Drivability
- Steering/Suspension

**Plus for SJI**
- Applied Auto Math
- Soft skills

**NATEF GST Certification and ASE Exams in Brakes and Steering & Suspension**

**Entry Requirements**
- For SJI: CASAS test: 220 in Math & Reading, Low-income Seattle Resident
- For SSCC**: COMPASS test: 41 Writing, 65 Reading, 28 Pre-Algebra

**Jobs & Wages**
- Line Technician
- Field Technician Mechanic
  - $13.00 - $18.00

**1 Year Certificate**
- Minor Automotive Technology Certificate
- GST + 2 Quarters
- 62 Credits (GST + 32 credits)

**Class Topics**
- The 3 modules below:
- Electrical/Electronics
  - Advanced Electrical Systems
  - Automotive Electronics
  - Basic Power Accessories
  - 10 Credits / < 1 Quarter
- Heating & Air Conditioning
  - Air conditioning and heating
  - 6 Credits / < 1 Quarter
- Engine Performance
  - Advanced Drivability & Fuel System
  - Engine Computers
  - Emission Controls & Diagnostic Equipment
  - 16 Credits / 1 Quarter

**ASE Exams in 3 Modules**

**Jobs & Wages**
- Specialty Technician
- Journeyman Level Technician
  - $19.00 - $23.00

**2 Year Certificate**
- Major Automotive Technology Certificate
- 1 Year Certificate + 2 Quarters
- 93 Credits
  - (1 Year Certificate + 29 credits)

**Class Topics**
- The 3 modules below:
- Manual Transmission & Transaxes
  - Manual Transaxles & Clutches
  - Manual Transmissions, Transfer Cases, Drive Axles
  - 6 Credits / < 1 Quarter
- Automatic Transmissions
  - Automatic Transmission Diagnosis & Service
  - Advanced Automatic Transmission Service
  - 10 Credits / < 1 Quarter

**Engine Repair**
- Engine Diagnosis/Repair & Replace
- Engine Rebuild
- Automotive Welding
  - 15 Credits / 1 Quarter

**2 Year Degree**
- Automotive Technology AAS or AAST Degree
- Major Certificate + 2 Quarters
  - AAS: 114 Credits
  - (Major Certificate + 21 credits)
  - AAST: 126 Credits
  - (Major Certificate + 33 credits)

**Class Topics**
- For AAS:
  - Applied Composition
  - Applied Math
  - Psychology of Human Relations
  - Intro to Computers
  - Distribution Requirements

- For AAST:
  - Composition
  - College Algebra
  - General Psychology
  - Distribution Requirements

**Additional Requirements**
- AAS: COMPASS Writing 57, Reading 70
- AAST: COMPASS Writing & Reading 77, Algebra 71

**4 Additional Requirements**
- Developmental Education

**Entry Requirements**
- For Individual ASE Modules:
  - GST Certificate or Equivalent Experience
  - COMPASS test: 41 Writing, 65 Reading, 28 Pre-Algebra

*Job title and wage information was derived from annual wages reported in the Occupational Employment Survey, Bureau of Labor Statistics for the Seattle/King County Workforce Development Area. The web address to produce this report is: [http://www.workforceexplorer.com/cgi/dataanalys/AreaSelection.asp?tableName=Oes-wage](http://www.workforceexplorer.com/cgi/dataanalys/AreaSelection.asp?tableName=Oes-wage)*

It is important to note that actual job titles and wages will vary depending on demonstrable skills and experience.

**You do not have to take the COMPASS test if you have an official transcript listing college-level English 101 and Math 102 with a grade point of 2.0 or higher. Academic quarters are 11 weeks long and begin in January, March, June, & September.**
What is a Career Pathway?

South Seattle Community College and Seattle Jobs Initiative can help you jump-start your career. You can get started with short-term training or a certificate and be ready to go to work quickly. And, afterwards you can either continue your training or work for a while and come back to school later to get the skills you need to keep moving up the career ladder. Start planning your future now!

What is it Like to Work in Auto Tech?

Tasks & Skills
- Examine cars & list needed repairs.
- Adjust, repair, rebuild, or replace damaged or poorly working parts.
- Use electronic equipment to test & diagnose parts & cars.
- May specialize in one or more areas, such as transmissions.
- Manage the time of self & others
- Determine tools & equipment required for a job.

Major employers:
- Auto repair shops
- Auto dealerships
- Auto supply stores
- Gas and service stations
- Self-employed (about 15%)

How Will I Pay for School?

Workforce Development has special funds and may be able to pay for tuition & books if you are:
- Low-Income / Eligible for Food Stamps
- Unemployed
- Working Parent
- TANF/WorkFirst Participant

And there are many other financial aid options:
- Federal Pell Grant & Work Study
- Federal Supplemental Grant
- Opportunity Grant
- SSCC Foundation Scholarship
- State Need Grant
- WIA Adult & Youth
- Academic Competitiveness Grant
- Community Agencies & Scholarships

*Eligibility based on income, grades, & other factors.

I’m Worried About Taking the Test to Get Into School

We have entry tests because we want to make sure students are prepared to succeed when they enter their Certificate or Degree program. If you need to improve your math or English skills to get into the program you want, don’t worry, we have classes to help you!
- Before you take the tests, prepare for them. Practice questions and more info are online at: [http://www.southseattle.edu/resources/sas.htm](http://www.southseattle.edu/resources/sas.htm)
- CASAS tests will be given as part of the SJI intake process.
- For COMPASS testing times and info, call (206) 768-6767

I’m Interested – How Do I Get Started On My Career Path?

Short-Term SJII GST Certificate
- Contact one of SJII’s partner community agencies in Seattle:
  - TRAC: Patty Ahonen
    (206) 443-9999 • 1001 Broadway #217
  - CCA: Pam Perez
    (206) 322-9080 • 901 Rainier Ave. S.
  - ACRS: Sam Him
    (206) 695-7569 • 720 8th Ave. S. #200

Short-Term GST Certificate through South:
- Workforce Development
  (206) 764-5835
  Robert Smith, Room 81

Minor/Major Certificate, Adv. ASE Certificates, 2 Year Degree
- Automotive Technology Department:
  (206) 764-5391

Academic Advising
- Tim Sowell
  (206) 764-5387
  tsowell@sccd.ctc.edu

What if I Need Extra Help?

South, SJI, and our partners provide many support services:
- Academic Advising
- Help with Financial Aid
- Help with Books & Supplies
- Transportation Assistance
- Childcare Assistance
- Disability Accommodations
- Computer Labs
- Tutoring
- Case Management
- Counseling
- Internship Assistance
- Job Search Assistance

[CASAS tests will be given as part of the SJI intake process.](http://www.southseattle.edu/resources/sas.htm)