

AUR40216 - Certificate IV in Automotive Mechanical Diagnosis 106390M

RTO 45279 CRICOS Provider Code: 03648B

Qualification Description

This qualification reflects the role of individuals who perform advanced diagnostic tasks in the automotive retail, service and repair industry.

Learn about Automotive Mechanical Diagnosis in Australian Industry Contexts

We provide you with the opportunities to learn Automotive Mechanical Diagnosis in Australian automotive industry contexts. You will study theory as well as hands-on, practical component, using light vehicle tools and equipment. You will learn from the qualified industry experts who will share their knowledge and skill to teach you the units of this course.

Study and enjoy multicultural Burwood

South Sydney College's (SSC) campus is in the heart of Burwood at Level 2 11- 15 Deane Street. Get into the comfortable atmosphere of the college in 2 minutes after you get off from the train or bus. Multicultural Burwood is destination for international students to live and work - just 12 minutes by train from the heart of the city of Sydney. See the website for our photo gallery.

Entry requirements (International Students)

- must be at least 16 years old
- must hold a current Student Visa
- must demonstrate satisfactory completion of studies in applicant's home country equivalent to an Australian Year 10 qualification
- are required to provide evidence of any one of the following tests of upper intermediate proficiency in English:

English Language Tests			
Item	Test Name	Also known as	Minimum Test Score
1	International English Language Testing system	IELTS Test	<ul style="list-style-type: none"> • Overall band score 5.5; or • Overall band score 5 if packaged with at least 10 weeks' ELICOS; or • Overall band score of 4.5 if packaged with at least 20 weeks' ELICOS.
2	Test of English as a Foreign Language internet-based test	TOEFL iBT	<ul style="list-style-type: none"> • 46; or • 35, if packaged with at least 10 weeks' ELICOS ; or • (c) 32, if packaged with at least 20 weeks' ELICOS.
3	Cambridge English: Advanced (CAE) test	Certificate in Advanced English	<ul style="list-style-type: none"> • 162; or • 154, if packaged with at least 10 weeks' ELICOS; or • (c) 147, if packaged with at least 20 weeks' ELICOS.
4	Pearson Test of English Academic	PTE	<ul style="list-style-type: none"> • 42; or • 36, if packaged with at least 10 weeks' ELICOS; or

			<ul style="list-style-type: none"> 30, if packaged with at least 20 weeks' ELICOS.
5	Occupational English Test	OET	<ul style="list-style-type: none"> a score of at least B for each test component of the OET.

Source: <https://www.legislation.gov.au/Details/F2018C00474>

- The English test must have been taken 2 years immediately before the date of the visa application;
- Meets pre-requisite course requirements

Start dates

SSC offers 8 enrolment intakes for AUR40216 - Certificate IV in Automotive Mechanical Diagnosis 106390M, so you can start your course without delay. If you want to start your course in summer, you may also start your course at the Summer School intake. The course divided into four (4) terms, 9 weeks each. Regardless of when you start your course, the study time required to complete this course is 36 weeks. Please visit our website <https://www.ssc.edu.au> for more information.

Course duration

Depending on your start date in a calendar year you may be enrolled in this course for 43 to 52 weeks. SSC takes into account your prior learning and professional experience and adjusts the delivery strategy according to your own personal learning needs. Depending on your existing level of knowledge, skills and experience relevant to the course, the overall course duration may take up to 996 hours completed over a period of 43 to 52 weeks (up to 16 weeks of break).

The actual course duration is determined by SCC for each student based on their individual learning needs. Please see our Student Handbook for more information. You may also contact us directly to know more.

What's involved in SSC's blended delivery – classroom and online learning

To complete the course, we will provide ongoing support and close progress monitoring, this course is offered to students via face-to-face classroom delivery with weekly practical training in the workshop, supplemented by online learning and ongoing trainer support. Except for self-paced learning activities and some mandatory assessment activities that are completed by students as independent tasks, all training and assessment activities are completed in the classroom or in the workshop, facilitated and supervised by a qualified trainer and assessor. You are required to complete 15 hours of face-to-face classroom and/or workshop and 5 hours of online learning modules per week (total of 20 hours per week). As may be needed, you will also have access to additional educational support services and activities on top of the required 20-hour weekly schedule to support your studies. Once you start the course, the trainers will explain how the classes will run 15 hours per week in classroom and/or workshop and 5 hours per week via online learning.

Guided structured online learning hours

During and between weeks for some units, students are expected to complete 5 hours per week of structured distance learning activities such as reading study guide, assignments, watching videos, weekly quiz, case study reviews and practice assessments using the learning platform.

These guided and structured activities are explained by the trainer during classroom sessions and noted in the unit outline. You will need your own computer and internet access to complete the online learning.

Tutorials

We want to see you succeed in your studies. There is extra time available to students for small group or one-to-one tutorial support. You need to book into these free sessions any week during term if you need some help with your studies.

Sample timetable

Course Component	Activity	Type of Activity	Approx. Completion (in hours)
Term 1/ (2 units) 9 weeks	Training	Face-to-face Classroom Sessions	80 hours
	Training	Workshop	40 hours
	Training	Online Lectures	40 hours
	Learning	Self-paced learning activities	40 hours
	Training	Coaching, Assessment Feedback, Trainer Advice, etc	8 hours
	Assessment	Knowledge assessments	12 hours
	Assessment	Practical assessments (Completed in the workshop)	(16 hours)

Class schedules

Type of Learning	Days	Time	Hours
Distance Learning	Day 1	9:00AM to 2:30PM (30 min break)	5 hrs x 1 day
Classroom	Day 2	8:00AM to 4:00PM (30 min break)	7.5 hrs x 1 day
Workshop	Day 3	8:00AM to 4:00PM (30 min break)	7.5 hrs x 1 day
Coaching / Additional Support (blocked time for students to book individual or group coaching sessions)	Day 1	2:30PM to 5:30PM	3 hrs x 1 day
	Day 4 & 5	4:00PM to 5:00PM	1 hr x 2 days

Assessment methods

Assessments may include written assessments, project assessments (e.g. projects completed over time), practical demonstrations (e.g. direct observation of students performing workshop tasks). Assessment activities are completed in the classroom or in the workshop, facilitated and supervised by a qualified trainer and assessor. Expect to do an average of 14 hours of supervised classroom or workshop activities for each unit (also referred to as 'Unit of Competency').

Recognition of existing skills and accredited training

We recognise that some people will have existing skills and knowledge and /or have completed recognised accredited courses in recent years. So, we welcome enquiries about Recognition of Prior Learning (RPL) or Credit Transfer. If successful, this may reduce your course duration and fees. Read more about these options in the Student Handbook. Every request is individual, so we will follow up with you.

Course fees and payment plans

South Sydney College offers flexible payment plans for eligible students. Fees will vary depending on your selected course/s, study pathways, eligibility for Recognition of Prior Learning (RPL) and/or Credit Transfer. Please contact us for more details on course fees and payment plans available for you.

Continuing Pathways

If, for any reason you leave the course, we will issue a record of your results and Statement of Attainment (SOA) document for the units you have completed successfully. After achieving the AUR40216 - Certificate IV in Automotive Mechanical Diagnosis 106390M, you have further study options to Diploma courses in range of Automotive course specialisation. SSC does not offer any further automotive courses.

Students who complete this course may wish to continue their education into a range of further education qualifications in Automotive areas. SSC does not have any articulation agreement with Universities or Higher Education Institutes for this course.

Study and Career Pathways into and from for AUR40216 - Certificate IV in Automotive Mechanical Diagnosis 106390M			
DIPLOMA	Graduates at this level will have specialised knowledge and skills for skilled/paraprofessional work and/or further learning.		
	AUR50116 Diploma of Automotive Management	Business owner	Dealership manager
	AUR50216 Diploma of Automotive Technology	Advanced Master Technician	Advanced Diagnostic Technician

CERTIFICATE IV	Graduates at this level will have theoretical and practical knowledge and skills for specialised and/or skilled work and/or further learning.		
	AUR40116 Certificate IV in Automotive Management	Pathway to Diploma of Automotive Management	
	AUR40216 Certificate IV in Automotive Mechanical Diagnosis	Pathway to Diploma of Automotive Technology	
	AUR40520 Certificate IV in Vehicle Loss Assessing	Pathway to Diploma of Automotive Management	
	AUR40820 Certificate IV in Automotive Mechanical Overhauling	Pathway to Diploma of Automotive Technology	
CERTIFICATE III	Graduates at this level will have theoretical and practical knowledge and skills for work and/or further learning.		
	AUR30620 Certificate III in Light Vehicle Mechanical Technology	Pathway to Certificate IV in Automotive Mechanical Diagnosis/Automotive Mechanical Overhauling/Vehicle Loss Assessing or Automotive Management	Pathway from school or employment with appropriate training and/or Recognition of prior learning
	AUR30820 Certificate III in Motorcycle Mechanical Technology	Pathway to Certificate IV in Automotive Mechanical Diagnosis/Automotive Mechanical Overhauling/Vehicle Loss Assessing or Automotive Management	
	AUR31316 Certificate III in Automotive Engine Reconditioning	Pathway from school or employment with appropriate training and/or Recognition of prior learning	
	AUR3216 Certificate III in Automotive Tyre Management	Pathway to Certificate IV in Automotive Mechanical Diagnosis/Automotive Mechanical Overhauling/Vehicle Loss Assessing or Automotive Management	
	AUR32518 Certificate III in Automotive Underbody Technology	Pathway from school or employment with appropriate training and/or Recognition of prior learning	
CERTIFICATE II	Graduates at this level will have knowledge and skills for work in a defined context and/or further learning.		
	AUR20220 Certificate II in Automotive Air Conditioning Technology	Pathway to Certificate III in Light Vehicle Mechanical Technology/Motorcycle Mechanical Technology/Automotive Engine Reconditioning/Automotive Tyre Management or Automotive Underbody Technology	Pathway from school or employment with appropriate training and/or Recognition of prior learning
	AUR20520 Certificate II in Automotive Servicing Technology	Pathway to Certificate III in Light Vehicle Mechanical Technology/Motorcycle Mechanical Technology/Automotive Engine Reconditioning/Automotive Tyre Management or Automotive Underbody Technology	Pathway from school or employment with appropriate training and/or Recognition of prior learning
	AUR20720 Certificate II in Automotive Vocational preparation	Pathway to Certificate III in Light Vehicle Mechanical Technology/Motorcycle Mechanical Technology/Automotive Engine Reconditioning/Automotive Tyre Management or Automotive Underbody Technology	General preparatory qualification for the automotive industry (suitable for delivery under VET in schools or pre-apprenticeship) Pathway from school or employment with appropriate training and/or Recognition of prior learning
	AUR21220 Certificate II in Automotive Underbody Technology	Pathway to Certificate III in Light Vehicle Mechanical Technology/Motorcycle Mechanical Technology/Automotive Engine Reconditioning/Automotive Tyre Management or Automotive Underbody Technology	Pathway from school or employment with appropriate training and/or Recognition of prior learning
	AUR21820 Certificate II in Automotive Steering and Suspension System Technology	Pathway to Certificate III in Light Vehicle Mechanical Technology/Motorcycle Mechanical Technology/Automotive Engine Reconditioning/Automotive Tyre Management or Automotive Underbody Technology	Pathway from school or employment with appropriate training and/or Recognition of prior learning
	AUR21920 Certificate II in Automotive Tyre Servicing Technology	Pathway to Certificate III in Light Vehicle Mechanical Technology/Motorcycle Mechanical Technology/Automotive Engine Reconditioning/Automotive Tyre Management or Automotive Underbody Technology	Pathway from school or employment with appropriate training and/or Recognition of prior learning
CERTIFICATE I	Graduates at this level will have knowledge and skills for initial work, community involvement and/or further learning		
	AUR10120 Certificate I in Automotive Vocational Preparation	Pathway to Certificate II in Automotive Vocational Preparation/Air Conditioning Technology/Servicing Technology/Underbody Technology/Steering and Suspension System Technology or Automotive Tyre Servicing Technology	General preparatory qualification for the automotive industry (suitable for delivery under VET in schools) Pathway from school or employment with appropriate training and/or Recognition of prior learning

Course unit details and intake points

As there are no pre-requisites for each unit, you do not need to start at term 1. The course is designed in a way, so that you can start at the beginning of each term or in the middle of the terms during the scheduled mid-term enrolment intakes. However, if there is a new group commencing in the next term, you are encouraged to wait a few weeks to commence and join a new group.

Time Table

Unit code	Unit Name	Delivery period	Training Delivery	Final assessment Due Date
AURTTA021	Diagnose complex system faults	Week 1 to 9	Week 1 to 4	Week 5
AURETR037	Diagnose complex faults in light vehicle safety systems		Week 5 to 9	Week 9
TERM BREAK	Week 10 to 11	Re-submissions and academic interventions		
AURLTB104	Diagnose complex faults in light vehicle braking systems	Week 12 to 20	Week 12 to 14	Week 14
AURLTD109	Diagnose complex faults in light vehicle steering and suspension systems		Week 15 to 17	Week 17
AURLTE104	Diagnose complex faults in light vehicle petrol engines		Week 18 to 20	Week 20
TERM BREAK	Week 21 to 23	Re-submissions and academic interventions		
AURLTE105	Diagnose complex faults in light vehicle diesel engines	Week 24 to 32	Week 24 to 27	Week 27
AURLTX104	Diagnose complex faults in light vehicle automatic transmission and driveline systems		Week 28 to 32	Week 32
TERM BREAK	Week 33 to 34	Re-submissions and academic interventions		
AURTTA125	Diagnose complex faults in vehicle integrated stability control systems	Week 35 to 43	Week 35 to 37	Week 37
AURTTR101	Diagnose complex faults in engine management systems		Week 38 to 40	Week 40
AURETU006	Diagnose complex faults in air conditioning and HVAC systems		Week 41 to 43	Week 43
TERM BREAK	Week 44 to 52*	Re-submissions and academic interventions		
AURTTA125	<i>Diagnose complex faults in vehicle integrated stability control systems</i>	Week 44 to 52*	Week 44 to 46*	Week 46
AURTTR101	<i>Diagnose complex faults in engine management systems</i>		Week 47 to 49*	Week 49
AURETU006	<i>Diagnose complex faults in air conditioning and HVAC systems</i>		Week 50 to 52*	Week 52

*NOTE: Term 4 Break and Summer School overlap at weeks 44 to 52. Summer school is only offered to new students starting during Summer School intakes, existing students have Term 4 Break during this period.

SSC Campus & Facilities:

SSC will provide students access to:

- Classroom facilities located in Suite 208, 11-15 Deane St, Burwood, NSW, 2134 with whiteboard and whiteboard equipment, projector and projector screen, tables and chair, and a bookshelf.
- Practical Automotive workshop location is: 35a Daisy street, Revesby, NSW 2212 at Extra Care Autos centre.
- AUR40216 learning and assessment suite, which is made available in hard copy and through student portal and includes:
 - Academic calendar and class timetable;
 - Additional course readings and resources recommended by trainers.
 - Unit Outline
 - PowerPoint presentation slides
 - Learning material for each unit
 - Learner activities
 - Extra reading / extension references
 - Downloadable or digital copies of templates to support activities and case studies and simulations
 - Downloadable or digital copies of assessment tasks
 - Links to external resources for research
 - *Please contact us for complete list of equipment required to deliver the course.*

Resources required from student

- BYO Laptop installed with document, spreadsheet, slideshow software's to prepare and submit assessment, access Moodle resources, further research.
- Access to internet
- Mechanic Toolbox:
- Wrench / spanner sets
- Ratchet and socket set
- Screwdriver set
- Pliers
- Trolley jack
- Hook and pick set
- Battery analyser
- Torch or work light
- Hammer
- Toolbox

Personal Protective Equipment

- safety glasses or goggles,
- steel-capped boots and
- protective gloves.

ESOS legislative framework

The Education Services for Overseas Students Act, or ESOS Act, establishes legislative requirements and standards for the quality assurance of education and training institutions offering courses to international students who are in Australia on a student visa. ESOS also provides tuition fee protection for international students. The Australian Government has released the revised National Code of Practice for Providers of Education and Training to Overseas Students 2018 (National Code 2018), which commenced on 1 January 2018. Please visit link below for more information: <https://internationaleducation.gov.au/Regulatory-Information/Pages/Regulatoryinformation.aspx>

Please visit our website: www.ssc.edu.au or call us on: +61-2-8599 8866, for more details on:

Complete Course information, course fee, other costs, payment plan, refund policy, privacy policy, complaints & appeal policy, welfare and accommodation, information on disability, living in Australia, ESOS act, Student handbook, campus facilities, resources available for student, campus pictures and other relevant information which you may require making decision to study at South Sydney College (SSC)