

VOCATIONAL PATHWAYS

Automotive Engineering Academy (AUT203)			Teacher to see: Mrs Luatua-Ngaeruaiti or Mr Hine		
This course allows students to make a start on pre-trade training in Automotive Engineering. They spend one day a week at Unitec for Terms 1, 2 and 3. Also, students spend from 2:00 pm - 6:00 pm on a Tuesday here at school in the automotive workshop. Students complete Level 2 Automotive Industry Standards. These Standards and the experience gained will prepare students well for apprenticeships or for pre-apprenticeship training at tertiary level. Endorsement in Manufacturing and Technology Vocational Pathway.					
Prerequisites: Engineering 103/203. This course is by application and interview only. Students must collect the application form from the Vocational Pathways Department.					
Credits			Standards	Cost	None
Internal	External	Total	Unit Standards	Course endorsement	No
35+	0	35+		UE approved	No
Future possibilities: Automotive workshop engineering, automotive electrical and electronics, automotive fuel systems and exhaust systems, automotive preventive maintenance, automotive transmission systems, engineering.					

Building Academy (CPA203/303)			Teacher to see: Mrs Luatua-Ngaeruaiti or Mr Howe		
<p>This Academy allows students to make a start on pre trade training in building and construction at both Level 2 and 3. Students go off site one day a week to Unitec to work in the building workshop on real life building projects.</p> <p>Level 2 - In school two option lines timetabled - building class and Unitec one day a week. Students will complete Level 2 Building, Construction and Allied Trades Industry Standards (BCATS).</p> <p>Level 3 - Students stay on site one day a week 2.00 pm – 6.00 pm on a Tuesday to work on real life projects. They also attend Unitec one day a week Term One and Two, working on practical projects. Term Three students are placed out on work placement for ten weeks one day a week. Students work with BCITO on Level 3 standards. These Standards and the experience gained will prepare students well for apprenticeships or for pre-apprenticeship training at tertiary level.</p> <p>Endorsement in Manufacturing and Technology, Construction and Infrastructure Vocational Pathways.</p>					
<p>Prerequisites: None.</p> <p>Students must have attained or be working on achieving a minimum of 14 credits at L2 in English and maths. Physics/chemistry is also recommended. This course is by application and interview only. Students must collect an application form from the Vocational Pathways Department.</p>					
Credits			Standards	Cost	None
Internal	External	Total	Unit Standards	Course endorsement	No
Up to 74 credits over two years	0	Up to 74 over two years		UE approved	No
<p>Future possibilities: Building, excavation, kitchen/bathroom design and build, carpentry, joinery, flooring, drafting, quantity surveying, engineering, installing heating, ventilation, air conditioning, plumbing, gas fitting, drain laying, roofing, tiling, glazing, painting, plastering, electrical. Transferable skills: Hands on skills acquired for work in the construction industry.</p>					

Engineering Academy (EGA203/303)			Teacher to see: Mrs Luatua-Ngaeruaiti or Mr Scott		
<p>This Academy allows students to make a start on pre trade training in Engineering. Over a two year period working with Competenz students can complete all theory standards of a Year One apprenticeship. Students go off site one day a week to UNITEC to work in the Engineering workshop completing a welding and fabrication course.</p> <p>Year 12 - In school two option lines - timetabled Engineering class and UNITEC one day a week.</p> <p>Year 13 - One option line in timetable and on site Tuesday afternoons 2.00 pm to 6.00 pm working in the Engineering workshop on real life projects. Work placement one day a week in the Engineering sector.</p> <p>Course Endorsement in Manufacturing and Technology Sector.</p>					
<p>Prerequisites: Preferably Level 1 Engineering. At the discretion of the Engineering Director. Students must have attained or be working on achieving a minimum of 14 credits at L2 in English, math and physics. This course is by application and interview only. An application form to be collected from the Vocational Pathways Department.</p>					
Credits			Standards	Cost	A contribution to project costs - this is determined by the project selected.
Internal	External	Total	Unit Standards	Course endorsement	No
Up to 100 over two years	0	Up to 100 over two years		UE approved	No
<p>Future possibilities: Trades in engineering - general engineering, fitting and machining, maintenance, tool-making, machining, heavy fabrication, light fabrication, heating, ventilation and air conditioning, refrigeration, electrical. Transferable skills: Hands on skills acquired for work in the engineering Industry - fabrication, welding, milling.</p>					

Gateway (GAT203)			Teacher to see: Mrs Luatua-Ngaeruaiti		
Gateway is a work-based programme that combines work experience and industry training. In class, students explore their personal attributes and interests, research potential careers and learn competencies that increase work readiness such as creating a CV and job search skills. All students complete a work experience placement where they practice and develop self-management, time-management and communication in addition to job-specific skills.					
Prerequisites: Students must apply and be interviewed with the Gateway Coordinator. Only students with NCEA Level 1 literacy and numeracy, with good attendance, will be considered for the Gateway programme.					
Credits			Standards	Cost	None
Internal	External	Total	Unit Standards	Course endorsement	No
20+	0	20+		UE approved	No
Future possibilities: As Gateway is tailored to each individual student's strengths and personal career interests. This can open up many possibilities for future employment or training.					

Gateway (GAT303)			Teacher to see: Mrs Luatua-Ngaeruaiti		
Gateway is a work-based programme that combines work experience and industry training. In class, students explore their personal attributes and interests, research potential careers and develop competencies that increase work readiness such as face-to-face communication. In addition to the general classwork, students will engage in learning opportunities that are directly related to their future career pathway.					
Prerequisites: Students must apply and be interviewed with the Gateway Coordinator. Only students with NCEA Level 1 literacy and numeracy, with good attendance and attitude, will be considered for the Gateway programme.					
Credits			Standards	Cost	None
Internal	External	Total	Unit Standards	Course endorsement	No
10+	0	20+		UE approved	No
Future possibilities: As Gateway is tailored to each individual student's strengths and personal career interests. This can open up many possibilities for future employment or training.					

Health Academy (HVA203/303)			Teacher to see: Mrs Luatua-Ngaeruaiti or Ms Tai Tin		
This is an Academy that allows students to make a start on a Health related career. Students go off site one day a week to Unitec to participate in courses related to Health. Students stay on site for in school timetabled Health class. Students will complete L2 and L3 units in Psychology and Human Behaviour, Health and Well-Being, Human Biology and other health industry related credits. Endorsement in Social and Community Services Vocational Pathway.					
Prerequisites: Students must be in Health L2 or L3, or at the discretion of Mrs Carter. This Academy is by application and an interview. Students must complete an application form from the Vocational Pathways Department.					
Credits			Standards	Cost	None
Internal	External	Total	Achievement Standards, Unit Standards	Course endorsement	No
12 credits per semester	0	24		UE approved	No
Future possibilities: Health related careers – nursing, early childhood education, physiotherapy, mental health, social services. Transferable skills: Time management, customer service, personal presentation, team work, tertiary experience.					

Hospitality Academy (HOS303)			Teacher to see: Mrs Luatua-Ngaeruaiti		
This is an Academy that allows students to make a start on entry into the Hospitality Industry. Students go off site one day a week to work in a commercial tertiary kitchen. Students stay on site one day a week 2.00 pm – 6.00 pm on Tuesdays to work in the Hospitality room here at school. Students will complete Level 3 hospitality industry standards working towards their New Zealand Certificate in Cookery Level 3. Both Year 12 and 13 students are eligible for this Academy. Endorsement in Services Industries Vocational Pathway.					
Prerequisites: Hospitality 203 and Unit Standard 167 or at the discretion of Mrs Carter. This course is by application and interview only. Students must collect an application form from the Vocational Pathways Department.					
Credits			Standards	Cost	None
Internal	External	Total	Unit Standards	Course endorsement	No
24 at Tertiary provider, up to 23 at school	0	Up to 47		UE approved	No
Future possibilities: Hospitality front of house, barista, chef, customer service. Transferable skills: Time management, customer service, personal presentation, team work.					

Mahi-a-Toi Academy (VTOI201/301)			Teacher to see: Mrs Luatua-Ngaeruaiti		
This Academy operates at Rutherford College on a Wednesday 2.00 pm to 6.00 pm, allowing students to gain credits in Mahi-a-Toi at both Level 2 and 3. Students also attend tertiary one day a week for one semester - gaining experience and preparation for a higher level of tertiary study. Students learn to analyse factors that influence the quality of individual performance in applied settings. Units based on Toi Māori which covers Ta Moko, Māori Performing Arts, Whakairo, Korero and Kowhaiwhai are covered. Students will complete credits towards NCEA Level 2 or 3 in Moteatea, Waiata-a-ringā, Visual Arts and Te Tauira Whakairo. Endorsement in Creative Industries Vocational Pathway.					
Prerequisites: Entry to the Mahi-a-Toi Academy is through an application and interview process. This course is by application and interview only. Students must see Mrs Carter for an application form.					
Credits			Standards	Cost	None
Internal	External	Total	Achievement Standards	Course endorsement	Yes
Up to 38	0	Up to 38		UE approved	Yes
Future possibilities: Visual Arts at tertiary level.					

Mechatronics (MGT203/303)			Teacher to see: Mrs Luatua-Ngaeruaiti		
This is an Academy that operates through Rutherford College and a Tertiary Institution. A few places only are available in this specialist course. The program allows students to attain Level 2/3 standards while working on computer programming and electronics. This course is held off-site and runs outside of normal school hours Wednesday 2.00 pm – 6.00 pm at Rutherford College and Term Three at a tertiary provider one day a week. Students will have one less subject in their school program to allow for this. They will be in a VCP class to support their out of school learning. Endorsement in Manufacturing and Technology Vocational Pathway.					
Prerequisites: Science 101, DGT101 or Physics an advantage. This course is by application only. Students must see Mrs Carter for an application form.					
Credits			Standards	Cost	None
Internal	External	Total	Achievement Standards, Unit Standards	Course endorsement	No
22 each level	0	22 each level		UE approved	Not applicable
Future possibilities: Electronics, plastics, production engineer or technician, programmer, computer science, aircraft technician.					

Service Academy (SVA203/303)			Teacher to see: Mrs Luatua-Ngaeruaiti , Staff Priore (L2), Ms Fugmann or Staff McGrath (L3)		
<p>This is an Academy that operates at Waitakere College. The course offers a pathway for possible progression towards the police, armed forces, security and other related services. It is for students who can benefit from direction, structure and personal discipline. The course involves military drill, physical training, leadership skills and outdoor training.</p> <p>Year 12/Level 2 Academy are involved in at least three overnight training camps over the year, supported by the Youth Development Unit of the armed services.</p> <p>Year 13/Level 3 students have a training camp and take part in Tough Guy, Tough Girl.</p>					
Prerequisites: This course is by application and an interview. Students must see Staff Priore, Ms Fugmann or Mrs Carter for an application form.					
Credits			Standards	Cost	Students entering the Academy must commit to paying the up-front costs for PT gear and uniform. The cost is yet to be finalised but will be over \$250.00
Internal	External	Total	Unit Standards	Course endorsement	No
Varies according to level of participation	0	Varies		UE approved	No
Future possibilities: Army, air force, navy, police, customs, security. Transferable skills: Team work, self-discipline, fitness, time management, community service, personal presentation.					