



**ROTOTUNA SENIOR
HIGH SCHOOL**

56 Kimbira Drive, Hamilton, 3281. communication@rhs.school.nz

2025 MASTERY COURSE BOOKLET



MASTERY COURSE OPTIONS

MASTERY 2025

MASTERY 1

MASTERY 2

MASTERY 3

MASTERY 4

MASTERY 5



YEAR 13 STUDENTS WILL PARTICIPATE IN A FULL YEAR OF MASTERY CLASSES: Mastery courses are

The following selection instructions are for Year 13 students that do not want to participate in the Level 3 Module.

Specialist Selection:

- **5 preferred options and a back up for each.**
- You will receive your first 5 options based on availability. These options will be for the full year.

NOTE: You may be placed in your back-up options due to a number of different possibilities. Please select these carefully.

Puna Wānanga: Course selection will take place **Week 1 & 2 of Term 4.**

THINGS TO CONSIDER:

ACHIEVEMENT EXPECTATIONS:

- Students are working towards completing their **Level 3 Certificate**
 - Students need 60 Level 3 credits.
- **MUST HAVE** met **NCEA Literacy and Numeracy Co-requisites.**
- Plan to achieve **quality** (Merit or Excellence) to showcase critical, creative and caring thinking.
 - 50 credits for Merit and Excellence endorsements

CURRICULUM EXPECTATIONS:

- Students must prioritise obtaining the Literacy and Numeracy co-requisites. This means that if they have not yet met them, students need to complete this in Year 13.
- Any assessments used for Literacy or Numeracy do not count toward the credit count for your qualification.

UNIVERSITY ENTRANCE:

- To obtain University Entrance, students need to have at least 3 x UE approved subjects (it is recommended that students have a back up UE subject).
- Each UE subject needs at least 14 credits.

UNIVERSITY READING & WRITING:

- UE Entrance Literacy requires you to achieve at least 5 Reading and 5 Writing credits at Level 2 or higher. This requirement is only for University Entrance.
- Students must complete this requirement this year. Please note the courses that these credits are available in.

ADDITIONAL ASPECTS:

- Discuss and plan for a balance of Internal and External assessment opportunities.
- Discuss what is/is not required to achieve NCEA Level 3 and entry for future Pathways.

NEGOTIATED LEARNING EXPERIENCE:

- Kaiārahi should negotiate NCEA accessibility with the appropriate Kaiako. If a student requires more or less credits, this is managed by the Kaiārahi.

TIMETABLE OVERVIEW

MASTERY 2025

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
WH Whānau	WH Whānau	(Schools Starts at 10:00 am)	WH Whānau	WH Whānau
MASTERY	MASTERY		MASTERY	MASTERY
M3 Mastery 3	M3 Mastery 3	PW Puna Wānanga - 60 mins	M4 Mastery 4	M4 Mastery 4
INTERVAL				
MASTERY	MASTERY		MASTERY	MASTERY
M1 Mastery 1	M2 Mastery 2	PW Puna Wānanga	M5 Mastery 5	M2 Mastery 2
LUNCH				
MASTERY	MASTERY		MASTERY	MASTERY
M5 Mastery 5	M4 Mastery 4	PW Puna Wānanga	M1 Mastery 1	M3 Mastery 3

MASTERY COURSE OPTIONS

2025

L3 MASTERY 1 (2 BLOCKS)			L3 MASTERY 2 (2 BLOCKS)			L3 MASTERY 3 (3 BLOCKS)			L3 MASTERY 4 (3 BLOCKS)			L3 MASTERY 5 (2 BLOCKS)		
CODE	LA	SUBJECT	CODE	LA	SUBJECT	CODE	LA	SUBJECT	COURSE	LA	SUBJECT	COURSE	LA	SUBJECT
MENG	ENG	English	MENG	ENG	English	MENG	ENG	English	MENG	ENG	English	MENG	ENG	English
MMED	ENG	Media Studies	MOED	HPE	Outdoor Ed	MHEA	HPE	Health	MMED	ENG	Media	MSRS	HPE	Sport & Recreation
MSSS	HPE	Sport Science	MMAT	MAT	Mathematics	MSTA	MAT	Statistics	MHEA	HPE	Health	MSSS	HPE	Sport Science
MMAT	MAT	Mathematics	MCAL	MAT	Calculus	MCHE	SCI	Chemistry	MCAL	MAT	Calculus	MJAP	LAN	Japanese
MBIO	SCI	Biology	MSCI	SCI	Science	MPHX	SCI	Physics	MMUS	PART	Music	MSTA	MAT	Statistics
MPSY	SSC	Psychology	MBIO	SCI	Biology	MSLS	SSC	Social and Legal Studies	MPHX	SCI	Physics	MDAN	PART	Dance
MCLS	SSC	Classical Studies	MHIS	SSC	History	MBUS	SSC	Business Studies	MCHE	SCI	Chemistry	MBIO	SCI	Biology
MHTEN	TEC	Hard Mat. Engineering	MBUS	SSC	Business Studies	MHIS	SSC	History	MECO	SSC	Economics	MPSY	SSC	Psychology
MDES / MPHT	VART	Design and Photography	MHTEN	TEC	Hard Materials Engineering	MPTG / MPRT	VART	Painting/ Printmaking	MSLS	SSC	Social and Legal Studies	MGEO	SSC	Geography
			MPHT / MDES	VART	Design and Photography	MFTE	TEC	Food Tech	MHOS	TEC	Hospitality	MDTE	TEC	Digital Tech
						MFASH	TEC	Fashion Technology	MDVC	TEC	Design and Visual Communication			
						MTRM	TRM	Te Reo Maaori	MSCU	VART	Sculpture			
						MDRA	PART	Drama	MEMP3	INC	Empower			

SOCIAL SCIENCES

SSC

	CODE	DESCRIPTION	STANDARD	SUBJECT	LEVEL	STANDARD THEME	CREDITS	SUBJECT CREDIT TOTAL	I/E	LIT	NUM	UE R	UE W
UE APPROVED SUBJECT IN HISTORY	MHIS	In History we explore the past to understand the present. This course will explore the concepts of exploration, civilisation, indigeneity and colonisation across various eras of history. The following topics may be taught: The Stolen Generations, the Black Civil Rights Movement and the impacts of the Signing of Te Tiriti o Waitangi.	AS91435	History	3	Analyse an historical event	5	15 - 21	I			✓	
			AS91434		3	Historical research	5		I			✓	
			AS91437		3	Perspective	5		I			✓	
			AS91438		3	Cause and consequence	6		E				✓
UE APPROVED SUBJECT IN CLASSICAL STUDIES	MCLS	Classical Studies is the study of Classical Greece and Rome. Specifically, we will be exploring the short but action-packed life of Alexander the Great, the influence of democracy across time and Greek mythology as presented in art.	AS91397	Classical Studies	3	Classical ideologies	6	18 - 22	I			✓	
			AS91398		3	Lasting Influences	6		I			✓	
			AS91395		3	Art history interpretation	4		E				✓
			AS91396		3	Significant figure	6		E				✓
UE APPROVED SUBJECT IN PSYCHOLOGY	MPSY	This course will explore how to understand behaviours, thoughts and emotions. It will cover four areas in Psychology; investigating the explanations of human behaviour, understanding how theories are used in psychological practice, conducting your own psychological experiment and unpacking the issues in practice.	AS91875	Psychology	3	Psychological fields and theories	4	16 - 19	I			✓	
			AS91874		3	Research	6		I				
			AS91872		3	Interaction	6		I			✓	
			AS91876		3	Psychological issue	3		E				✓
UE APPROVED SUBJECT IN SOCIAL STUDIES	MSLS	In this course explore the different campaigns of social action taken in New Zealand and around the world and the impact of these actions of creating policy change. We will examine this all through a Legal Studies lens so this course is aimed at those who are considering a pathway in law, social policy or politics at University.	AS91597	Social Studies	3	Social inquiry	6	16-20	I			✓	
			AS91599		3	Personal involvement in a social action	6		I			✓	
			AS91600		3	Examine a campaign of social action	4		I			✓	
			US27849	Legal Studies	3	Law-making process	4		I				
UE APPROVED SUBJECT IN GEOGRAPHY	MGEO	This course will delve into the key geographic issues from around our world. From the Blood Diamonds in Africa to the Human Trafficking that affect people across all the seven continents. In addition, we will look into NZ events including Field Days and Rhythm n Vines, and get out and explore the natural wonders of the landscape we call home.	AS91431	Geography	3	Contemporary geographic issue	3	14-18	I			✓	
			AS91432		3	Topic on a global scale	3		I			✓	
			AS91430		3	Research	5		I				
			AS91428		3	Perspectives	3		I			✓	
			AS91246		3	Natural processes	4		E			✓	✓

SOCIAL SCIENCES

SSC

	CODE	DESCRIPTION	STANDARD	SUBJECT	LEVEL	STANDARD THEME	CREDITS	SUBJECT CREDIT TOTAL	I/E	LIT	NUM	UE R	UE W
	MBUS	This course will enable students to create and run their own business. Through theory, planning and experiencing the ups and downs of running their own company, students are able to gain the necessary skills for ownership and management.	AS91384	Business Studies	3	Create and run a business	9	15	I				
	UE APPROVED SUBJECT IN BUSINESS STUDIES		AS91382		3	Marketing plan	6		I			✓	
	MECO	This course will explore consumer behaviour and market behaviour to help understand decisions that we and the government make day to day and how they affect us.	AS91401	Economics	3	Micro economic concepts	5	18	I			✓	
	UE APPROVED SUBJECT IN ECONOMICS		AS91402		3	Government interventions	5		I			✓	
			AS91399		3	Efficiency of market equilibrium	4		E				✓
			AS91400		3	Market structures	4		E				✓

PERFORMING ARTS

PART





	CODE	DESCRIPTION	STANDARD	SUBJECT	LEVEL	STANDARD THEME	CREDITS	SUBJECT CREDIT TOTAL	I/E	LIT	NUM	UE R	UE W
	MMUS	Level 3 music builds upon Level 2, where performance assessments require you to showcase their skills before an audience. You can also focus on songwriting / composition. Exceptionally theory-savvy students may choose an external exam option.	AS91416	Music	3	Perform two programmes as a featured soloist	8	20	I				
	UE APPROVED SUBJECT IN MUSIC		AS91418		3	Perform two substantial pieces of music as a member of a group	4		I				
			AS91419		3	Compose three original pieces of music	8		I				
	MDAN	You will learn the elements of dance and how to use these to create an interesting and engaging choreography. You will also have the opportunity to learn a group dance and perform this in front of an audience. Alongside this you will engage in a theory based assessment that demonstrates your understanding of dance performance practices.	AS91588	Dance	3	Produce a dance to realise a concept	8	16	I				
	UE APPROVED SUBJECT IN DANCE		AS91591		3	Perform a group dance	4		I				
			AS91593		3	Demonstrate understanding of dance performance	4		I				
	MDRA	Highlighting the importance of working both individually and collaboratively as part of an ensemble, this course supports you to understand the relationship between theory and practical performance.	AS91512	Drama	3	Interpret scripts to integrate drama techniques	4	17	I	✓		✓	
	UE APPROVED SUBJECT IN DRAMA		AS91513		3	Devise and perform a drama	5		I				
			AS91515		3	Use performance skills from a drama form or period	4		I				✓
			AS91516		3	Demonstrate understanding of the work of a drama or theatre theorist or practitioner	4		I				✓

Note: If a student is interested, but concerned about live performance in these courses, please come and speak to the Poutiki of Performing Arts; Renate O'Sullivan

Music: If you want to succeed in the performance assessments, you should be in at least your fifth year of study in an instrument (this includes voice). Lessons are available in school to help you gain the skills you need prior to assessment.




HEALTH AND PHYSICAL EDUCATION

HPE

	CODE	DESCRIPTION	STANDARD	SUBJECT	LEVEL	STANDARD THEME	CREDITS	SUBJECT CREDIT TOTAL	I/E	LIT	NUM	UE R	UE W
	MSSS Sport Science	Learn the science of athletic performance. This course is designed for students who want to understand the mechanics of movement and enhance athletic ability. Explore key areas such as biomechanics, exercise physiology, and training principles to learn how the body moves, adapts, and improves through physical activity.	AS91789	Physical Education	3	Devise strategies for a physical outcome	4	16					
			AS91498		3	Evaluate physical activity experiences	4						✓
	UE APPROVED SUBJECT IN PHYSICAL EDUCATION		AS91500		3	Evaluate the effectiveness of a training programme	4					✓	
			AS91501		3	Demonstrate quality performance	4						
	MOED	Students will find a mixture of challenges and experiences to develop their ability to handle themselves in the outdoors. Students will learn to tackle challenges with skills such as outdoor tramping and bush survival skills.	AS91504	Outdoor Education	3	Analyse issues in safety management	3	12				✓	
	NOT UE APPROVED IN OUTDOOR EDUCATION		AS91501		3	Demonstrate quality performance	4						
					3	Various unit standards	5						
	MHEA	Students will think critically and make connections to the world through the exploration of health-related contexts. Learning will be through practical application of how to bring about sustainable health-enhancing change.	AS91461	Health	3	Analyse a New Zealand health issue	5	14 - 19				✓	
	UE APPROVED SUBJECT IN HEALTH		AS91463		3	Evaluate health practices currently used in NZ	5					✓	
			AS91464		3	Analyse an ethical issue to do with well-being	4					✓	
			AS91465		3	Evaluate models for health promotion	5		E			✓	✓
	MSRS Sport & Recreation	Unlock your potential and explore the world of sport and recreation. Dive into a variety of activities that enhance physical fitness, creativity, and social skills, including sports, recreation activities, outdoor adventures, and team-building exercises. Learn the principles of planning and organising recreational events while developing leadership and teamwork skills.	AS91501	Sports Recreation	3	Demonstrate quality performance	4	13					
			US11097		3	Listen actively in an interactive situation	3						
	NOT UE APPROVED IN SPORT AND RECREATION		US1296		3	Conduct informal interviews	3						
			US9681		3	Contribute within a team for an objective	3						

MATHEMATICS

MAT

	CODE	DESCRIPTION	STANDARD	SUBJECT	LEVEL	STANDARD THEME	CREDITS	SUBJECT CREDIT TOTAL	I/E	LIT	NUM	UE R	UE W
	MCAL	Extend your knowledge of calculus, learn about the mathematics of conic sections, complex numbers, differentiation and integration. This is often a required course for Mathematics or Science heavy degrees at Tertiary Level.	AS91573	Mathematics and Statistics	3	Conic sections	3	20	I		✓		
			AS91577		3	Complex numbers	5		E		✓		
	UE APPROVED SUBJECT IN Calculus		AS91578		3	Differentiation	6		E		✓		
			AS91579		3	Integration	6		E		✓		
	MMAT	In this general mathematics course you will complete bivariate and multivariate investigations aimed at unravelling stories in datasets. Have the opportunity to solve real world problems with multiple constraints using mathematical ideas and tools.	AS91574	Mathematics and Statistics	3	Linear programming	3	14	I		✓		
			AS91581		3	Bivariate data	4		I		✓		
	UE APPROVED SUBJECT IN Mathematics		AS91582		3	Formal inference	4		I		✓		
			AS91587		3	Systems of equations	3		I		✓		
	MSTA	Take your Statistics and Probability skills to the next level. You will tackle big questions by analysing different data sets. You will dive deeper into Probability theories and distributions. These skills are sought after in University courses for Commerce, Engineering, and Psychology!	AS91581	Mathematics and Statistics	3	Bivariate data	4	16	I		✓		
			AS91582		3	Formal inference	4		I		✓		
	UE APPROVED SUBJECT IN Statistics		AS91585		3	Probability concepts	4		E		✓		
			AS91586		3	Probability distributions	4		E		✓		

INCLUSIVE LEARNING

IL

	CODE	DESCRIPTION	STANDARD	SUBJECT	LEVEL	STANDARD THEME	CREDITS	SUBJECT CREDIT TOTAL	I/E	LIT	NUM	UE R	UE W
	GOT THIS	You've GOT THIS! A non-UE course, this course offers students a chance to further develop skills useful in the workplace and beyond. You will explore ideas such as interview skills, working in a team environment, active listening and writing a report..	US11097	Communication skills	3	Active listening	3	13	I				
			US1296			Conduct Informal Interviews	3		I				
	NOT UE APPROVED		US3491			Write a Report	4		I				
			US9681			Contribute within a team or group	3		I				

SCIENCE

SCI

CODE	DESCRIPTION	STANDARD	SUBJECT	LEVEL	STANDARD THEME	CREDITS	SUBJECT CREDIT TOTAL	I/E	LIT	NUM	UER	UEW
MSCI	Our planet is in crisis. Air temperatures are increasing and our environment is changing. Explore the interactions between the atmosphere, oceans, land, and biosphere. Explore a deep understanding of the processes that shape our planet's climate and environmental challenges, such as climate change and pollution. * Optional Standard	AS91410	Earth Science	3	Practical Investigation	4	12 - 16	I	✓	✓	✓	
		AS91411		3	Socioscientific report on climate change	4		I	✓		✓	
		AS91413		3	Ocean processes affecting climate	4		E	✓		✓	✓
		AS91414*		3	Atmospheric processes affecting climate	4		E	✓		✓	✓
MCHE	Take your understanding of chemistry concepts to the next level. Dive deep into reduction and oxidation processes and the chemistry of dynamic aqueous systems. Contexts may include batteries and the honey industry in Aotearoa New Zealand. Students may wish to study for an additional external for L3 Organic Chemistry (AS91391). * Optional Standards	AS91390	Chemistry	3	Thermochemical principles	5	16 - 24	E	✓			
		AS91392		3	Aqueous systems	5		E	✓	✓		
		AS91393		3	Applications of redox reactions	3		I	✓			
		AS91388		3	Spectroscopy	3		I				
		AS91389*		3	Chemical processes	3		I	✓		✓	✓
		AS91391*		3	Organic compounds	5		E	✓			
MBIO	Explore the origins of humanity and the journey from early hominids to modern man. Look at how plants and animals respond to their external environment and how they control their internal environment. Learning will be through a mixture of practical investigation and individual or group research.	AS91602	Biology	3	Socioscientific biological issue	3	15	I	✓		✓	
		AS91603		3	Plant and animal adaptations	5		E	✓		✓	✓
		AS91604		3	Homeostasis	3		I	✓		✓	
		AS91606		3	Human evolution	4		E	✓		✓	✓
MPHX	Take your understanding of Physics to the next level. Explore the intertwining of translational, circular and oscillating motion and the weaving of electrical and magnetism systems in the function of electrical devices. *Optional Standards	AS91523*	Physics	3	Energy transmission by waves	4	15-19	E	✓			
		AS91524		3	Physics of rotation and oscillation	6		E	✓			
		AS91526		3	Electrical systems	6		E	✓			
		AS91522		3	Application of physics around us	#		I	✓		✓	

	CODE	DESCRIPTION	STANDARD	SUBJECT	LEVEL	STANDARD THEME	CREDITS	SUBJECT CREDIT TOTAL	I/E	LIT	NUM	UER	UEW
	MDTE	Elevate your expertise with our Level 3 Digital Technology course, centred on advanced programming and electronics. For those interested in the human side of technology, there's an optional paper on User Experiences, where you'll explore how design impacts the way people interact with digital products.	AS91906	Digital Technologies	3	Use complex programming techniques to develop a computer program	6	15	I				
			AS91904		3	Use complex techniques to develop an electronics outcome	6		I				
	UE APPROVED SUBJECT IN DIGITAL TECHNOLOGY		AS91901		3	Apply user experience methodologies to develop a design for a digital technologies outcome	3		I				
	MDVC	If you are thinking Industrial or Product design, Fashion or Architecture as a career path, the L3DVC course will develop your skills in drawing, critical thinking, digital and functional modelling, as well as creative problem solving in both aesthetic and functional aspects of design. Students will create their own design brief based on a SPATIAL context.	AS91627	Design and Visual Communication	3	Initiate ideas through exploration	4	14	E				
	AS91628		3		Develop a visual presentation that exhibits a design outcome to an audience	6	I						
UE APPROVED SUBJECT IN DESIGN AND VISUAL COMMUNICATION	AS91629		3		Resolve a spatial design through graphics practice	6	I						
	MFASH	If you have aspirations of a career in Fashion or Design, L3FADN will teach you to develop innovative designs by exploring fashion and design history, trend analysis all whilst learning techniques to manufacture your designs. You'll develop your own aesthetic creating unique, on-trend products while considering broader impacts like sustainability and ethical practices.	AS91610	Generic Technology	3	Develop a conceptual design considering fitness for purpose in the broadest sense	6	18	I				
	AS91611		3		Develop a prototype considering fitness for purpose in the broadest sense	6	I						
UE APPROVED SUBJECT IN TECHNOLOGY	AS91628		Design and Visual Communication	3	Develop a visual presentation that exhibits a design outcome to an audience	6	I						
	MHOSP	This course has been designed to create a strong base for many career paths in the Hospitality sector. We will cover everything from barista training, preparation, cooking, plating and presentation of food for customers. Learning will be heavily practical.	US17288	Hospitality	3	Prepare and present espresso beverages for service	5	14	I				
	US30916		3		Prepare and present basic hot and cold canapés in a commercial kitchen	4	I						
NOT UE APPROVED	US13310		3		Prepare and produce basic hot and cold dessert items in a commercial kitchen	5	I						
	MFTE	Interested in the food and beverage industry, enjoy science and engineering, or want to know more about the technology used to make food. Take a scientific approach to cooking and engage in a range of practical and experimental work, including multi-sensory cooking, food pairing, food styling, and developing new food products.	AS91643	Processing Technologies	3	Implement complex procedures to process a specified product	6	16	I				
	AS91609		Generic Technology	3	Undertake project management to support technological practice	4	I						
UE APPROVED SUBJECT IN TECHNOLOGY	AS91610			3	Develop a conceptual design considering fitness for purpose in the broadest sense	6	I						

CODE	DESCRIPTION	STANDARD	SUBJECT	LEVEL	STANDARD THEME	CREDITS	SUBJECT CREDIT TOTAL	I/E	LIT	NUM	UE R	UE W
MHTE	Experiment with various materials, machines and techniques to help guide the design and the development of a product. Develop your own projects, inspired by your own interests, hobbies and the people around you. * Note this course runs over 2 specialist lines and is 4 blocks a week.	AS91611	Generic Technology	3	Develop a prototype considering fitness for purpose in the broadest sense	6	20	I				
UE APPROVED SUBJECT IN CONSTRUCTION AND MECHANICAL TECHNOLOGIES		AS91620	Construction and Mechanical Technologies	3	Implement complex procedures to integrate parts using materials to make a specified product	6		I				
		AS91622		3	Implement complex procedures to make a specified product using a Computer Numerical Controlled (CNC) machine	4		I				
		AS91623		3	Implement complex procedures to create an applied design for a specified product	4		I				

TIMETABLE BUILDER

BUILD

COURSE SELECTION				
SP1	SP2	SP3	SP4	SP5
OPTION 1	OPTION 1	OPTION 1	OPTION 1	OPTION 1
BACK UP OPTION	BACK UP OPTION	BACK UP OPTION	BACK UP OPTION	BACK UP OPTION

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
WH	WH		WH	WH
M3	M3	PW	M4	M4
INTERVAL				
M1	M2	PW	M5	M2
LUNCH				
M5	M4	PW	M1	M3