

Bachelor of Education (Secondary) and Bachelor of Education (Secondary) (Honours)

TRANSITION ARRANGEMENTS FOR THE TECHNOLOGY MINORS

INFORMATION FOR STUDENTS WHO COMMENCED PRIOR TO 2019.

The following tables display the approved transition arrangements for students who commenced in a Technology Minor in the B Education (Secondary) program or B Education (Secondary) (Honours) in 2018.

From 2019, minors will be called Additional Teaching Areas in line with NESAs terminology. There are no changes to the number of units required to complete each Additional Teaching Area, this remains at 60 units total.

- Computing: Information Processing replaced with Information Processes and Technology.
- Computing: Software Design replaced with Software Design and Development.
- Engineering Technology replaced with Engineering Studies.
- Food Technology name remains the same.
- Graphics & Multimedia Design replaced with Industrial Technology Graphics and Multimedia.
- Textiles Technology replaced with Textiles and Design.
- Design Technology minor has been removed from the program, as it no longer meets the new NESAs teaching area accreditation requirements. If you commenced in the Design Technology minor in 2018, please seek advice from ProgramAdvice@newcastle.edu.au to discuss your options.
- Industrial Technology: Timber and Metal minor has been removed from the program, as it no longer meets the new NESAs teaching area accreditation requirements. However, students are advised to transition to the Industrial Technology Engineering additional teaching area.

Courses completed pre-2019 will count towards the 2019 program requirements.

Students are to complete the 2019 course if you have not already successfully completed the equivalent course in 2018 or prior.

If you have questions regarding your remaining program Major requirements, please email ProgramAdvice@newcastle.edu.au.

Bachelor of Education (Secondary) and Bachelor of Education (Secondary) (Honours)

TRANSITION ARRANGEMENTS FOR THE TECHNOLOGY MINORS

INFORMATION FOR STUDENTS WHO COMMENCED PRIOR TO 2019.

2018 Computing: Information Processing Minor	2019 Information Processes and Technology Additional Teaching Area	Equivalencies
2018 Compulsory Courses (Complete 30 units)	2019 Compulsory Courses (Complete 30 units)	Course equivalents
COMP1010 Computing Fundamentals	No Equivalent Compulsory Course	If you have completed COMP1010 this will count as a SENG1050 if you have not already completed SENG1050 or a 10 unit Elective course.
No Equivalent	COMP1140 Database and Information Management	Existing Course – new to Information Processes and Technology.
INFO1010 Introduction to Information Systems	No Equivalent Compulsory Course	If you have completed INFO1010 this will count as SENG1050 if you have not already completed SENG1050 or a 10 unit Elective course.
INFT2031 Systems & Network Administration	INFT2031 Systems & Network Administration	No Change
No Equivalent	SENG1050 Web Technologies	Existing Course – new to Information Processes and Technology.
2018 Option 1 Compulsory Courses (Complete 20 units)	2019 Option 1 Compulsory Courses (Complete 20 units)	Course equivalents
EDUC2145 Specialist Studies in Technology 1	EDUC2145 Specialist Studies in Technology 1	No Change
EDUC4245 Specialist Studies in Technology 4	EDUC4245 Specialist Studies in Technology 4	No Change
2018 Option 2 Compulsory Courses (Complete 20 units) If you have already completed EDUC2145 and EDUC4245 complete the following courses to fulfil the requirements of Option 2 (EDUC4110 and a 10 unit Elective)	2019 Option 2 Compulsory Courses (Complete 20 units) If you have already completed EDUC2145 and EDUC4245 complete the following courses to fulfil the requirements of Option 2 (EDUC4110 and a 10 unit Elective)	Course equivalents
EDUC4110 STEM – An Exercise in Integration	EDUC4110 STEM – An Exercise in Integration	No Change

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Bachelor of Education (Secondary) and Bachelor of Education (Secondary) (Honours)

TRANSITION ARRANGEMENTS FOR THE TECHNOLOGY MINORS

INFORMATION FOR STUDENTS WHO COMMENCED PRIOR TO 2019.

10 Unit Elective Course	10 Unit Elective Course	No Change
2018 Computing: Information Processing Minor (continued)	2019 Information Processes and Technology Additional Teaching Area (continued)	Equivalencies (continued)
2018 Computing: Information Processing Directed Courses (Choose 10 units)	2019 Information Processes and Technology Directed Courses (Choose 10 units)	Course equivalents
No Equivalent	CMNS2016 Media Production: Social and Interactive Media	Existing Course – new to Information Processes and Technology.
EBUS3050 The Digital Economy	EBUS3050 The Digital Economy	No Change
INFT3100 Project Management	INFT3100 Project Management	No Change
SENG2130 Systems Analysis and Design	SENG2130 Systems Analysis and Design	No Change

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Bachelor of Education (Secondary) and Bachelor of Education (Secondary) (Honours)

TRANSITION ARRANGEMENTS FOR THE TECHNOLOGY MINORS

INFORMATION FOR STUDENTS WHO COMMENCED PRIOR TO 2019.

2018 Computing: Software Design Minor	2019 Software Design and Development Additional Teaching Area	Equivalencies
2018 Compulsory Courses (Complete 10 units)	2019 Compulsory Courses (Complete 20 units)	Course equivalents
INFT1004 Introduction to Programming	INFT1004 Introduction to Programming	No Change
Prior to 2019 SENG1110 was an Option 2 compulsory course.	SENG1110 Object Oriented Programming	If you have completed SENG1110 this will count as a 10 unit Compulsory course.
2018 Option 1 Compulsory Courses (Complete 30 units)	2019 Option 1 Compulsory Courses (Complete 20 units)	Course equivalents
CMNS1230 Foundations of Media Production	No Equivalent Option 1 Compulsory Course	If you have completed CMNS1230 this will count as a SENG1110 if you have not already completed SENG1110. However, you must ensure that you complete at least 10 units from INFT2012, INFT3950, INFT3960 or SENG2130 to meet NESAs requirements.
EDUC2145 Specialist Studies in Technology 1	EDUC2145 Specialist Studies in Technology 1	No Change
EDUC4245 Specialist Studies in Technology 4	EDUC4245 Specialist Studies in Technology 4	No Change
2018 Option 2 Compulsory Courses (Complete 20 units) If you have already completed EDUC2145 and EDUC4245 complete the following courses to fulfil the requirements of Option 2 (EDUC4110 and SENG1110)	2019 Option 2 Compulsory Courses (Complete 20 units) If you have already completed EDUC2145 and EDUC4245 complete the following courses to fulfil the requirements of Option 2 (EDUC4110 and a 10 unit Elective)	Course equivalents
SENG1110 Object Oriented Programming	No Equivalent Option 2 Compulsory Course	If you have completed SENG1110 this will count as a 10 unit Compulsory course.
EDUC4110 STEM – An Exercise in Integration	EDUC4110 STEM – An Exercise in Integration	No Change
No Equivalent	10 Unit Elective Course	New to Software Design and Development.

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Bachelor of Education (Secondary) and Bachelor of Education (Secondary) (Honours)

TRANSITION ARRANGEMENTS FOR THE TECHNOLOGY MINORS

INFORMATION FOR STUDENTS WHO COMMENCED PRIOR TO 2019.

2018 Computing: Software Design Minor (continued)	2019 Software Design and Development Additional Teaching Area (continued)	Equivalencies (continued)
2018 Computing: Software Design Directed Courses (Choose 10 units)	2019 Software Design and Development Directed Courses (Choose 20 units)	Course equivalents
No Equivalent	EBUS3050 The Digital Economy	Existing Course – new to Software Design and Development.
No Equivalent	CMNS2016 Media Production: Social and Interactive Media	Existing Course – new to Software Design and Development.
INFT2012 Application Programming	INFT2012 Application Programming	No Change
No Equivalent	INFT3100 Project Management	Existing Course – new to Software Design and Development.
INFT3950 Game Design	INFT3950 Game Design	No Change
INFT3960 Game Production	INFT3960 Game Production	No Change
SENG2130 Systems Analysis and Design	SENG2130 Systems Analysis and Design	No Change

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Bachelor of Education (Secondary) and Bachelor of Education (Secondary) (Honours)

TRANSITION ARRANGEMENTS FOR THE TECHNOLOGY MINORS

INFORMATION FOR STUDENTS WHO COMMENCED PRIOR TO 2019.

2018 Design Technologies Minor	2019 No Equivalent Additional Teaching Area
2018 Compulsory Courses (Complete 20 units)	<p>The Design Technology minor has been removed from the program, as it no longer meets the new NESAs teaching area accreditation requirements.</p> <p>If you commenced in the Design Technology minor in 2018, please seek advice from ProgramAdvice@newcastle.edu.au to discuss your options.</p>
DESN1001 Design Contexts 1	
DESN1002 Design Contexts 2	
2018 Option 1 Compulsory Courses (Complete 20 units)	
EDUC2145 Specialist Studies in Technology 1	
EDUC4245 Specialist Studies in Technology 4	
2018 Option 2 Compulsory Courses (Complete 20 units) If you have already completed EDUC2145 and EDUC4245 complete the following courses to fulfil the requirements of Option 2 (EDUC4110 and SENG1110)	
EDUC4110 STEM – An Exercise in Integration	
10 Unit Elective Course	
2018 Design Technologies Directed Courses (Choose 10 units)	
AART3500 Directed Study	
DESN2003 Design Contexts 3	
EDUC2245 Specialist Studies in Technology 2	
EDUC3036 Technology Teaching Studies 5: Food Technology	
EDUC3037 Technology Teaching Studies 6: Textiles Technology	

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Bachelor of Education (Secondary) and Bachelor of Education (Secondary) (Honours)

TRANSITION ARRANGEMENTS FOR THE TECHNOLOGY MINORS

INFORMATION FOR STUDENTS WHO COMMENCED PRIOR TO 2019.

2018 Engineering Technology Minor	2019 Engineering Studies Additional Teaching Area	Equivalencies (Name Change only)
2018 Compulsory Courses (Complete 20 units)	2019 Compulsory Courses (Complete 20 units)	Course equivalents
CIVL1100 Fundamentals of Engineering Mechanics	CIVL1100 Fundamentals of Engineering Mechanics	No Change
MECH1110 Mechanical Drawing/CAD and Workshop Practice	MECH1110 Mechanical Drawing/CAD and Workshop Practice	No Change
2018 Option 1 Compulsory Courses (Complete 20 units)	2019 Option 1 Compulsory Courses (Complete 20 units)	Course equivalents
EDUC2145 Specialist Studies in Technology 1	EDUC2145 Specialist Studies in Technology 1	No Change
EDUC4245 Specialist Studies in Technology 4	EDUC4245 Specialist Studies in Technology 4	No Change
2018 Option 2 Compulsory Courses (Complete 20 units) If you have already completed EDUC2145 and EDUC4245 complete the following courses to fulfil the requirements of Option 2 (EDUC4110 and a 10 unit Elective)	2019 Option 2 Compulsory Courses (Complete 20 units) If you have already completed EDUC2145 and EDUC4245 complete the following courses to fulfil the requirements of Option 2 (EDUC4110 and a 10 unit Elective)	Course equivalents
EDUC4110 STEM – An Exercise in Integration	EDUC4110 STEM – An Exercise in Integration	No Change
10 Unit Elective Course	10 Unit Elective Course	No Change
2018 Engineering Technology Directed Courses (Choose 20 units)	2019 Engineering Studies Directed Courses (Choose 20 units)	Course equivalents
CIVL2240 Civil Engineering Materials	CIVL2240 Civil Engineering Materials	No Change
MECH2110 Mechanical Engineering Design 1	MECH2110 Mechanical Engineering Design 1	No Change
MECH2250 Materials Science and Engineering 1	MECH2250 Materials Science and Engineering 1	No Change

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Bachelor of Education (Secondary) and Bachelor of Education (Secondary) (Honours)

TRANSITION ARRANGEMENTS FOR THE TECHNOLOGY MINORS

INFORMATION FOR STUDENTS WHO COMMENCED PRIOR TO 2019.

2018 Food Technology Minor	2019 Food Technology Additional Teaching Area	Equivalencies
2018 Compulsory Courses (Complete 40 units)	2019 Compulsory Courses (Complete 40 units)	Course equivalents
EDUC3036 Technology Teaching Studies 5: Food Technology	EDUC3036 Technology Teaching Studies 5: Food Technology	No Change
HLSC1220 Food Science 1	HLSC1220 Food Science 1	No Change
No Equivalent	NUDI1000 Fundamentals in Nutrition 1	Existing Course – New to Food Technology
NUDI2220 Food Science 2	NUDI2220 Food Science 2	No Change
SOCA3350 The Sociology of Food	No Equivalent Compulsory Course	If you have completed SOCA3350 this will count as a 10 unit Elective course or NUDI2220 if you have not already completed NUDI2220.
2018 Option 1 Compulsory Courses (Complete 20 units)	2019 Option 1 Compulsory Courses (Complete 20 units)	Course equivalents
EDUC2145 Specialist Studies in Technology 1	EDUC2145 Specialist Studies in Technology 1	No Change
EDUC4245 Specialist Studies in Technology 4	EDUC4245 Specialist Studies in Technology 4	No Change
2018 Option 2 Compulsory Courses (Complete 20 units) If you have already completed EDUC2145 and EDUC4245 complete the following courses to fulfil the requirements of Option 2 (EDUC4110 and a 10 unit Elective)	2019 Option 2 Compulsory Courses (Complete 20 units) If you have already completed EDUC2145 and EDUC4245 complete the following courses to fulfil the requirements of Option 2 (EDUC4110 and a 10 unit Elective)	Course equivalents
EDUC4110 STEM – An Exercise in Integration	EDUC4110 STEM – An Exercise in Integration	No Change
10 Unit Elective Course	10 Unit Elective Course	No Change

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Bachelor of Education (Secondary) and Bachelor of Education (Secondary) (Honours)

TRANSITION ARRANGEMENTS FOR THE TECHNOLOGY MINORS

INFORMATION FOR STUDENTS WHO COMMENCED PRIOR TO 2019.

2018 Graphics and Multimedia Design Minor	2019 Industrial Technology Graphics and Multimedia Additional Teaching Area	Equivalencies
2018 Compulsory Courses (Complete 10 units)	2019 Compulsory Courses (Complete 40 units)	Course equivalents
No Equivalent	ARBE1201 Visual Communication in the Built Environment	Existing Course – New to Industrial Technology Graphics and Multimedia
No Equivalent	CMNS2016 Media Production: Social and Interactive Media	Existing Course – New to Industrial Technology Graphics and Multimedia
DESN1102 Typography in Practice	No Equivalent Compulsory Course	If you have completed DESN1102 this will count as either ARBE1201 or MECH1110.
No Equivalent	DESN2803 3D Animation	Existing Course – New to Industrial Technology Graphics and Multimedia
No Equivalent	MECH1110 Mechanical Drawing/CAD and Workshop Practice	Existing Course – New to Industrial Technology Graphics and Multimedia
2018 Option 1 Compulsory Courses (Complete 20 units)	2019 Option 1 Compulsory Courses (Complete 20 units)	Course equivalents
EDUC2071 Specialist Studies in Junior Visual Arts	EDUC2071 Specialist Studies in Junior Visual Arts	No Change
EDUC3071 Extended Studies in Visual Arts 1	EDUC3071 Extended Studies in Visual Arts 1	No Change
2018 Option 2 Compulsory Courses (Complete 20 units) If you have already completed EDUC2071 and EDUC3071 complete the following courses to fulfil the requirements of Option 2 (EDUC2145 and a EDUC4245)	2019 Option 2 Compulsory Courses (Complete 20 units) If you have already completed EDUC2071 and EDUC3071 complete the following courses to fulfil the requirements of Option 2 (EDUC2145 and a EDUC4245)	Course equivalents
EDUC2145 Specialist Studies in Technology 1	EDUC2145 Specialist Studies in Technology 1	No Change
EDUC4245 Specialist Studies in Technology 4	EDUC4245 Specialist Studies in Technology 4	No Change

Information correct as of October 2018 and subject to change.

Bachelor of Education (Secondary) and Bachelor of Education (Secondary) (Honours)

TRANSITION ARRANGEMENTS FOR THE TECHNOLOGY MINORS

INFORMATION FOR STUDENTS WHO COMMENCED PRIOR TO 2019.

2018 Graphics and Multimedia Design Minor (continued)	2019 Industrial Technology Graphics and Multimedia Additional Teaching Area (continued)	Equivalencies (continued)
2018 Graphics and Multimedia Design Directed Courses List 1 (Choose 10 units)	2019 Industrial Technology Graphics and Multimedia Directed Courses	Course equivalents
AART1400 Creative Enquiry Photomedia	No Equivalent Directed Course	If you have completed AART1400 this will count as a 10 unit Elective course
AART1410 Creative Practice Photomedia	No Equivalent Directed Course	If you have completed AART1410 this will count as a 10 unit Elective course
CMNS1000 Intro to Digital Communication	No Equivalent Directed Course	If you have completed CMNS1000 this will count as a 10 unit Elective course
CMNS1230 Foundations of Media Production	No Equivalent Directed Course	If you have completed CMNS1230 this will count as a 10 unit Elective course
2018 Graphics and Multimedia Design Directed Courses List 2 (Choose 20 units)	2019 Industrial Technology Graphics and Multimedia Directed Courses	Course equivalents
CMNS2016 Media Production: Social and Interactive Media	No Equivalent Directed Course	If you have completed CMNS2016 this will count as CMNS2016 Compulsory course
CMNS2160 Media Production: Documentary	No Equivalent Directed Course	If you have completed CMNS2160 this will count as <i>either</i> CMNS2016 <i>or</i> DESN2803 Compulsory courses <i>or</i> a 10 unit Elective.
DESN2803 3D Animation	No Equivalent Directed Course	If you have completed DESN2803 this will count as DESN2803 Compulsory course
INFT3950 Games Design	No Equivalent Directed Course	If you have completed INFT3950 this will count as <i>either</i> CMNS2016 <i>or</i> DESN2803 Compulsory courses <i>or</i> a 10 unit Elective.

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Bachelor of Education (Secondary) and Bachelor of Education (Secondary) (Honours)

TRANSITION ARRANGEMENTS FOR THE TECHNOLOGY MINORS

INFORMATION FOR STUDENTS WHO COMMENCED PRIOR TO 2019.

2018 Industrial Technology: Timber and Metal Minor	2019 Industrial Technology Engineering Additional Teaching Area	Equivalencies
2018 Compulsory Courses (Complete 10 units)	2019 Compulsory Courses (Complete 20 units)	Course equivalents
ARBE1201 Visual Communication in the Built Environment	ARBE1201 Visual Communication in the Built Environment	No Change
ARBE2505 Sustainable Design	No Equivalent Compulsory Course	If you have completed ARBE2505 this will count as a 10 unit Industrial Technology Engineering Directed course.
DESN1102 Typography in Practice	No Equivalent Compulsory Course	If you have completed DESN1102 this will count as MECH1110.
EDUC2245 Specialist Studies in Technology 2	EDUC2245 Specialist Studies in Technology 2	No Change
No Equivalent	MECH1110 Mechanical Drawing/CAD and Workshop Practice	Existing Course – new to Industrial Technology Engineering.
2018 Option 1 Compulsory Courses (Complete 20 units)	2019 Option 1 Compulsory Courses (Complete 20 units)	Course equivalents
EDUC2145 Specialist Studies in Technology 1	EDUC2145 Specialist Studies in Technology 1	No Change
EDUC4245 Specialist Studies in Technology 4	EDUC4245 Specialist Studies in Technology 4	No Change
2018 Option 2 Compulsory Courses (Complete 20 units) If you have already completed EDUC2145 and EDUC4245 complete the following courses to fulfil the requirements of Option 2 (EDUC4110 and a 10 unit Elective)	2019 Option 2 Compulsory Courses (Complete 20 units) If you have already completed EDUC2145 and EDUC4245 complete the following courses to fulfil the requirements of Option 2 (EDUC4110 and a 10 unit Elective)	Course equivalents
EDUC4110 STEM – An Exercise in Integration	EDUC4110 STEM – An Exercise in Integration	No Change
10 Unit Elective Course	10 Unit Elective Course	No Change

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Bachelor of Education (Secondary) and Bachelor of Education (Secondary) (Honours)

TRANSITION ARRANGEMENTS FOR THE TECHNOLOGY MINORS

INFORMATION FOR STUDENTS WHO COMMENCED PRIOR TO 2019.

2018 Industrial Technology: Timber and Metal Minor (continued)	2019 Industrial Technology Engineering Additional Teaching Area (continued)	Equivalencies (continued)
2018 Industrial Technology: Timber and Metal Directed Courses	2019 Industrial Technology Engineering Directed Courses (Choose 10 units)	Course equivalents
No Equivalent	CIVL2240 Civil Engineering Materials	Existing Course – new to Industrial Technology Engineering.
No Equivalent	MECH2110 Mechanical Engineering Design 1	Existing Course – new to Industrial Technology Engineering.

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Bachelor of Education (Secondary) and Bachelor of Education (Secondary) (Honours)

TRANSITION ARRANGEMENTS FOR THE TECHNOLOGY MINORS

INFORMATION FOR STUDENTS WHO COMMENCED PRIOR TO 2019.

2018 Textiles Technology Minor	2019 Textiles and Design Additional Teaching Area	Equivalencies
2018 Compulsory Courses (Complete 30 units)	2019 Compulsory Courses (Complete 40 units)	Course equivalents
No Equivalent	AART1300 Creative Enquiry 3D	Existing Course – New to Textiles and Design
No Equivalent	AART1310 Creative Practice 3D	Existing Course – New to Textiles and Design
AART1600 Introduction to 3D Studies	No Equivalent Compulsory Course	If you have completed AART1600 this will count as <i>either</i> AART1300 <i>or</i> AART1310 Compulsory course.
AART3350 Soft Sculpture	AART3350 Soft Sculpture	No Change
EDUC3037 Technology Teaching Studies 6: Textiles Technology	EDUC3037 Technology Teaching Studies 6: Textiles Technology	No Change
2018 Option 1 Compulsory Courses (Complete 20 units)	2019 Option 1 Compulsory Courses (Complete 20 units)	Course equivalents
EDUC2145 Specialist Studies in Technology 1	EDUC2145 Specialist Studies in Technology 1	No Change
EDUC4245 Specialist Studies in Technology 4	EDUC4245 Specialist Studies in Technology 4	No Change
2018 Option 2 Compulsory Courses (Complete 20 units) If you have already completed EDUC2145 and EDUC4245 complete the following courses to fulfil the requirements of Option 2 (EDUC4110 and a 10 unit Elective)	2019 Option 2 Compulsory Courses (Complete 20 units) If you have already completed EDUC2145 and EDUC4245 complete the following courses to fulfil the requirements of Option 2 (EDUC4110 and a 10 unit Elective)	Course equivalents
EDUC4110 STEM – An Exercise in Integration	EDUC4110 STEM – An Exercise in Integration	No Change
10 Unit Elective Course	10 Unit Elective Course	No Change

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Bachelor of Education (Secondary) and Bachelor of Education (Secondary) (Honours)

TRANSITION ARRANGEMENTS FOR THE TECHNOLOGY MINORS

INFORMATION FOR STUDENTS WHO COMMENCED PRIOR TO 2019.

2018 Textiles Technology Minor (continued)	2019 Textiles and Design Additional Teaching Area (continued)	Equivalencies (continued)
2018 Textiles Technology Directed Courses (Choose 10 units)	2019 Textiles and Design Additional Teaching Area Directed Courses	Course equivalents
AART2260 Principal Studio 1	No Equivalent Directed Course	If you have completed AART2260 this will count as AART1310 or a 10 unit Elective course.
AART2270 Principal Studio 2	No Equivalent Directed Course	If you have completed AART2270 this will count as AART1310 or a 10 unit Elective course.

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