

# VCE Applied Computing, Data Analytics, Food Studies, Product Design and Technology, Software Development & Systems Engineering Teacher Resources 2024

## Details and Order Form

### NEW TEACH YOURSELF VIDEO SERIES (TYS-VS) -

*School license expires end of study design for each subject!*

### NEW STUDY DESIGN FOR 2024!

• **Product Design & Technology**

### NEW MATERIAL PRODUCED EVERY YEAR!

**KTT, TETs & Trial Exam Papers!**



**Your comprehensive guide to quality VCE Applied Computing, Data Analytics, Food Studies, Product Design and Technology, Software Development & Systems Engineering resources, including:**

- **Trial examination papers for Units 1 to 4**
- **Targeted Evaluation Tasks (TETs) for SACs for Units 1 to 4**
- **Key Topic Tests (KTT) for Units 1 to 4**
- **Teach Yourself Series (TYS) for Topics in Units 1 to 4**
- **Teach Yourself Video Series (TYS-VS) for Topics in Units 1 to 4**
- **Exclusively produced for schools, for VCE Computing, Food Studies, Data Analytics, Product Design and Technology, Software Development and Systems Engineering**
- **Earlier release dates than any other provider**
- **Multi-format Access on CD Rom, Email or Hard copy**
- **Copyright Free for the purchasing school:** No copyright charges for content used solely by teachers and students at the purchasing school.
- **Expertly Prepared Resources:** All TSSM resources are prepared by senior VCE teachers, assessors, state reviewers and published VCE authors. They are then proof read by a second group of experts for quality control.

### Teach Yourself Series (TYS) & NEW Teach Yourself Video Series (TYS-VS) for Topics in Units 1 to 4:

Each subject contains several key topics that are crucial for exam success in VCE Units 1 to 4. The TYS presents theory, questions and solutions in a stand alone booklet on each Topic, ideal for self-paced learning.

The **NEW TYS-VS** is a 30 to 90 minute video tutorial, thoroughly teaching, reviewing and explaining each topic offered in the TYS. The TYS and TYS-VS are powerful study, revision and consolidation tools that improve the students' understanding of each concept resulting in improved grades.

- **Addresses the VCAA's Curriculum Criteria**
- **Early Release Dates** – February 7, 2024.
- **Comprehensive Solutions** – detailed solutions or response guides.
- **Current Study Design** – the TYS and TYS-VS are periodically released when the study design for a subject changes, ensuring that all changes are reflected.
- **One School License per Subject** – The TYS-VS is offered on a license basis to the purchasing school, expiring at the end of the current study design for each subject. Only one license is needed per subject per school for all students attending the school and for the entire length of the study design!

**Order today! TYS and TYS-VS available from February 7, 2024.**

### Key Topic Tests (KTT) Units 1 to 4:

Each KTT is a 45 minute diagnosis of a Key Topic area of each Unit, to monitor the progress of the student's understanding of each Topic within each Unit of study, available for Units 1 to 4.

The KTT are a powerful tool for teachers to monitor the progress of their students, progressively throughout the year, topic by topic.

- **Addresses the VCAA's Curriculum Criteria**
- **Early Release Dates** – TSSM's KTT are released February 7, 2024 for Units 1 and 3 KTT and May 22, 2024 for Units 2 and 4 KTT.
- **Comprehensive Marking Guides** – including fully worked solutions.
- **New Material Every Year** – we produce a new set of KTT for each unit of each subject annually ensuring that all study design changes are reflected. This also ensures that teachers have access to a library of new resources that grows every year.

**Units 1 and 3 KTT available from February 7, 2024. Units 2 and 4 KTT available from May 22, 2024.**

### Targeted Evaluation Tasks (TETs) Units 1 to 4 for School-assessed Coursework:

- **Address VCAA's School – assessed Coursework Requirements**
- **Early Release Dates** – TSSM's TETs are released earlier than any other educational provider. Release dates: February 7, 2024 for Units 1 and 3 TETs and May 22, 2024 for Units 2 and 4 TETs.
- **Comprehensive Marking Guides** – including fully worked solutions or response guides.
- **New Material Every Year** – we produce a new set of TETs for each unit of each subject annually ensuring that all study design changes are reflected. This also ensures that teachers have access to a library of new resources that grows every year.

**Order today! Units 1 and 3 TETs available from February 7, 2024. Units 2 and 4 TETs available from May 22, 2024.**

### Trial Exam Papers Units 1 to 4:

- **Unit 3 Trial Exam papers** are available for; Food Studies, Data Analytics, Product Design and Technology, Software Development and Systems Engineering.
- **Address VCAA's Examination Assessment Criteria**
- **Early Release Dates** – TSSM's Trial Exam papers are released earlier than other Victorian trial exam papers. All Units 1 to 4 Trial Exam papers are released on April 15, 2024.
- **Comprehensive Marking Guides** – including fully worked solutions to all questions, including multiple choice questions.
- **New Material Every Year** – we produce a new set of Trial Exam papers for each unit of each subject annually ensuring that all study design changes are reflected. This also ensures that teachers have access to a library of new resources that grows every year.
- **Upload Trial Exam Papers** – Schools are welcome to upload TSSM's Trial Exam papers onto the school's intranet.

**Order today! Units 1 to 4 Trial Exam papers are available from April 15, 2024.**

# Order Form 2024

Further information on all TSSM VCE Teacher Resources is available at [www.tssm.com.au](http://www.tssm.com.au), including specific titles of Targeted Evaluation Tasks (TETs) for School-assessed Coursework and the Key Topic Tests (KTT).

TSSM also offers a 2024 Unit 3 Trial Exam Paper for Food Studies, Data Analytics, Product Design and Technology, Software Development and Systems Engineering (90 minutes each), giving teachers an opportunity to evaluate their students' progress after the completion of the Unit 3 content.

VCE FOOD STUDIES RESOURCES - ALL UNITS 1 TO 4 RESOURCES WRITTEN NEW EVERY YEAR!	PRODUCT CODE	QTY	RRP (\$)	TOTAL (\$)
Unit 1 - Food Studies - Trial Examination 1	STE/U1FST1		80.00	
Unit 1 - Food Studies TETs for SACs (1 SAC)	TET/U1FST		90.00	
Unit 1 - Food Studies - Key Topic Tests (4 Tests)	KTT/U1FST		90.00	
Unit 2 - Food Studies - Trial Examination 2	STE/U2FST2		80.00	
Unit 2 - Food Studies TETs for SACs (2 SACs)	TET/U2FST		65.00	
Unit 2 - Food Studies - Key Topic Tests (5 Tests)	KTT/U2FST		110.00	
Unit 3 - Food Studies - Trial Examination	STE/U3FST		90.00	
Unit 3 - Food Studies TETs for SACs (6 SACs)	TET/U3FST		125.00	
Unit 3 - Food Studies - Key Topic Tests (6 Tests)	KTT/U3FST		125.00	
Unit 4 - Food Studies TETs for SACs (4 SACs)	TET/U4FST		90.00	
Unit 4 - Food Studies - Key Topic Tests (6 Tests)	KTT/U4FST		125.00	
Unit 3 & 4 - Food Studies - Trial Examination	STE/U34FST		95.00	

EXAM PACKAGE - Units 3 & 4 - Food Studies - Trial Exams (TSSM's 2011-2022 Trial Exam Papers for Food Studies have been fully updated for the new Units 3 & 4 study design and exam format - package includes 12 trial exam papers)

STE/U34FST1I22

485.00

NEW TYS-Video Series (TYS-VS) & TYS Topic Titles for Food Studies	PRODUCT CODE	QTY	RRP (\$)	PRODUCT CODE	QTY	RRP (\$)	TOTAL (\$)
Topic 1 - Food Around the World - Globalisation (Unit 1)	TYS-VS/FST1		54.95	TYS/FST1		10.95	
Topic 2 - Food Around the World - Adaptations (Unit 1)	TYS-VS/FST2		54.95	TYS/FST2		10.95	
Topic 3 - Food in Australia - Cultural Influences (Unit 1)	TYS-VS/FST3		54.95	TYS/FST3		10.95	
Topic 4 - Food in Australia - Food Trends (Unit 1)	TYS-VS/FST4		54.95	TYS/FST4		10.95	
Topic 5 - Food Makers - Australia's Food System - Governance & Regulation (Unit 2)	TYS-VS/FST5		54.95	TYS/FST5		10.95	
Topic 6 - Food Makers - Australia's Food System (Unit 2)	TYS-VS/FST6		54.95	TYS/FST6		10.95	
Topic 7 - Food Makers - Food in the Home - Planning & Adapting Meals (Unit 2)	TYS-VS/FST7		54.95	TYS/FST7		10.95	
Topic 8 - Food Makers - Food in the Home - Cooking Food (Unit 2)	TYS-VS/FST8		54.95	TYS/FST8		10.95	
Topic 9 - The Science of Food (Unit 3)	TYS-VS/FST9		54.95	TYS/FST9		10.95	
Topic 10 - Factors Influencing Food Choice (Unit 3)	TYS-VS/FST10		54.95	TYS/FST10		10.95	
Topic 11 - Factors Affecting Food Behaviour (Unit 4)	TYS-VS/FST11		54.95	TYS/FST11		10.95	
Topic 12 - Navigating Food Information (Unit 4)	TYS-VS/FST12		54.95	TYS/FST12		10.95	
Topic 13 - World Food Systems (Unit 4)	TYS-VS/FST13		54.95	TYS/FST13		10.95	
Topic 14 - Environmental Sustainability & Food Production (Unit 4)	TYS-VS/FST14		54.95	TYS/FST14		10.95	

Special Offers for TYS-VS & TYS:

Order all Food Studies Topics 1 to 14

TYS-VS/

FSTALL

699.00

TYS/FSTALL

140.00

VCE APPLIED COMPUTING RESOURCES - ALL UNITS 1 & 2 RESOURCES WRITTEN NEW EVERY YEAR!	PRODUCT CODE	QTY	RRP (\$)	TOTAL (\$)
Unit 1 - Applied Computing - Key Topic Tests (4 Tests)	KTT/U1COM		90.00	
Unit 2 - Applied Computing - Key Topic Tests (4 Tests)	KTT/U2COM		90.00	

VCE DATA ANALYTICS RESOURCES - ALL UNITS 3 & 4 RESOURCES WRITTEN NEW EVERY YEAR!	PRODUCT CODE	QTY	RRP (\$)	TOTAL (\$)
Unit 3 - Data Analytics - Trial Examination	STE/U3DAT		90.00	
Unit 3 - Data Analytics TETs for SACs (1 SAC)	TET/U3DAT		45.00	
Unit 3 - Data Analytics - Key Topic Tests (4 Tests)	KTT/U3DAT		90.00	
Unit 4 - Data Analytics TETs for SACs (3 SACs)	TET/U4DAT		80.00	
Unit 4 - Data Analytics - Key Topic Tests (4 Tests)	KTT/U4DAT		90.00	
Unit 3 & 4 - Data Analytics - Trial Examination	STE/U34DAT		95.00	
Unit 3 & 4 - Data Analytics TETs for SAT (SAT - Inc. 5 Tasks)	TET/U34DAT		110.00	

EXAM PACKAGE - Units 3 & 4 - Data Analytics - Trial Exams (TSSM's 2011-2019 Trial Exam Papers for Data Analytics have been updated for the new Units 3 & 4 study design and exam format - package includes 9 trial exam papers)

STE/U34DAT1I19

415.00

NEW TYS-Video Series (TYS-VS) & TYS Topic Titles for Data Analytics	PRODUCT CODE	QTY	RRP (\$)	PRODUCT CODE	QTY	RRP (\$)	TOTAL (\$)
Topic 1 - Problem Solving Methodology (Units 1, 2, 3 & 4)	TYS-VS/DAT1		54.95	TYS/DAT1		10.95	
Topic 2 - Project Management (Units 2, 3 & 4)	TYS-VS/DAT2		54.95	TYS/DAT2		10.95	
Topic 3 - Data Collection (Units 1, 2, 3 & 4)	TYS-VS/DAT3		54.95	TYS/DAT3		10.95	
Topic 4 - Validation and Data Integrity (Units 1, 2, 3 & 4)	TYS-VS/DAT4		54.95	TYS/DAT4		10.95	
Topic 5 - Spreadsheets (Units 1, 2 & 3)	TYS-VS/DAT5		54.95	TYS/DAT5		10.95	
Topic 6 - Data Visualisation (Units 1, 3 & 4)	TYS-VS/DAT6		54.95	TYS/DAT6		10.95	
Topic 7 - Databases (Units 1, 3 & 4)	TYS-VS/DAT7		54.95	TYS/DAT7		10.95	
Topic 8 - Networks and Cyber Security (Units 2 & 4)	TYS-VS/DAT8		54.95	TYS/DAT8		10.95	

Special Offers for TYS-VS & TYS:

Order all Data Analytics Topics 1 to 8

TYS-VS/

DATALL

399.00

TYS/DATALL

80.00

VCE PRODUCT DESIGN AND TECHNOLOGY - NEW STUDY DESIGN FOR 2024!	PRODUCT CODE	QTY	RRP (\$)	TOTAL (\$)
Unit 1 - Product Design and Technology - Trial Examination 1	STE/U1PDT1		80.00	
Unit 1 - Product Design and Technology TETs for SACs (2 SACs)	TET/U1PDT		65.00	
Unit 1 - Product Design and Technology - Key Topic Tests (3 Tests)	KTT/U1PDT		80.00	
Unit 2 - Product Design and Technology - Trial Examination 2	STE/U2PDT2		80.00	
Unit 2 - Product Design and Technology TETs for SACs (2 SACs)	TET/U2PDT		65.00	
Unit 2 - Product Design and Technology - Key Topic Tests (3 Tests)	KTT/U2PDT		80.00	
Unit 3 - Product Design and Technology - Trial Examination	STE/U3PDT		90.00	
Unit 3 - Product Design and Technology TETs for SACs (2 SACs)	TET/U3PDT		65.00	
Unit 3 - Product Design and Technology - Key Topic Tests (3 Tests)	KTT/U3PDT		80.00	
Unit 4 - Product Design and Technology TETs for SACs (2 SACs)	TET/U4PDT		65.00	
Unit 4 - Product Design and Technology - Key Topic Tests (2 Tests)	KTT/U4PDT		65.00	
Unit 3 & 4 - Product Design and Technology - Trial Examination	STE/U34PDT		95.00	
Unit 3 & 4 - Product Design and Technology TET for SAT (1 SAT)	TET/U34PDT		45.00	

NEW EXAM PACKAGE - Units 3 & 4 - Product Design and Technology - Trial Exams (TSSM's 2018-2023 Trial Exam Papers for Product Design and Technology have been fully updated for the new Units 3 & 4 study design and exam format - package includes 6 trial exam papers)

STE/U34PDT1823

310.00

NEW TYS-Video Series (TYS-VS) & TYS Topic Titles for Product Design and Technology - NEW STUDY DESIGN FOR 2024!	PRODUCT CODE	QTY	RRP (\$)	PRODUCT CODE	QTY	RRP (\$)	TOTAL (\$)
Topic 1 - Understanding product design - assessment and course work requirements (Units 1, 2, 3 & 4)	TYS-VS/PDT1		54.95	TYS/PDT1		10.95	
Topic 2 - The Double Diamond approach (Units 1, 2, 3 & 4)	TYS-VS/PDT2		54.95	TYS/PDT2		10.95	
Topic 3 - Concentrate on development of and conceptualisation of products (Units 1, 2, 3 & 4)	TYS-VS/PDT3		54.95	TYS/PDT3		10.95	
Topic 4 - Working technologically and technology (Units 1, 2, 3 & 4)	TYS-VS/PDT4		54.95	TYS/PDT4		10.95	
Topic 5 - Sustainability and health and safety, risk assessment and ethical research consideration (Units 1, 2, 3 & 4)	TYS-VS/PDT5		54.95	TYS/PDT5		10.95	
Topic 6 - Design practices (Units 1, 2, 3 & 4)	TYS-VS/PDT6		54.95	TYS/PDT6		10.95	
Topic 7 - Generating designing and producing (Units 1, 2, 3 & 4)	TYS-VS/PDT7		54.95	TYS/PDT7		10.95	
Topic 8 - Positive impacts on end users (Units 1, 2, 3 & 4)	TYS-VS/PDT8		54.95	TYS/PDT8		10.95	
Topic 9 - Creative, critical and speculative thinking (Units 1, 2, 3 & 4)	TYS-VS/PDT9		54.95	TYS/PDT9		10.95	
Topic 10 - Cultural influences on design (Units 1, 2, 3 & 4)	TYS-VS/PDT10		54.95	TYS/PDT10		10.95	
Topic 11 - Understanding product design (Units 1, 2, 3 & 4)	TYS-VS/PDT11		54.95	TYS/PDT11		10.95	
Topic 12 - Final concept development (Units 1, 2, 3 & 4)	TYS-VS/PDT12		54.95	TYS/PDT12		10.95	
Topic 13 - Managing production (Units 1, 2, 3 & 4)	TYS-VS/PDT13		54.95	TYS/PDT13		10.95	
Topic 14 - Evaluation and speculative design (Units 1, 2, 3 & 4)	TYS-VS/PDT14		54.95	TYS/PDT14		10.95	

Special Offers for TYS-VS & TYS:

Order all Product Design and Technology Topics 1 to 14

TYS-VS/

PDTALL

699.00

TYS/PDTALL

140.00

VCE SOFTWARE DEVELOPMENT - ALL UNITS 3 & 4 RESOURCES WRITTEN NEW EVERY YEAR!	PRODUCT CODE	QTY	RRP (\$)	TOTAL (\$)
Unit 3 - Software Development - Trial Examination	STE/U3SOF		90.00	
Unit 3 - Software Development TETs for SACs (1 SAC)	TET/U3SOF		45.00	
Unit 3 - Software Development - Key Topic Tests (4 Tests)	KTT/U3SOF		90.00	
Unit 4 - Software Development TETs for SACs (3 SACs)	TET/U4SOF		80.00	
Unit 4 - Software Development - Key Topic Tests (4 Tests)	KTT/U4SOF		90.00	
Unit 3 & 4 - Software Development - Trial Examination	STE/U34SOF		95.00	
Unit 3 & 4 - Software Development TETs for SAT (SAT - Inc. 6 Tasks)	TET/U34SOF		125.00	

EXAM PACKAGE - Units 3 & 4 - Software Development - Trial Exams (TSSM's 2013-2019 Trial Exam Papers for Software Development have been updated for the new Units 3 & 4 study design and exam format - package includes 7 trial exam papers)

STE/U34SOF1319

340.00

NEW TYS-Video Series (TYS-VS) & TYS Topic Titles for Software Development	PRODUCT CODE	QTY	RRP (\$)	PRODUCT CODE	QTY	RRP (\$)	TOTAL (\$)
Topic 1 - Problem Solving Methodology (Units 1, 2, 3 & 4)	TYS-VS/SOF1		54.95	TYS/SOF1		10.95	
Topic 2 - Project Management (Units 1, 2, 3 & 4)	TYS-VS/SOF2		54.95	TYS/SOF2		10.95	
Topic 3 - Data Structures & Control Structures (Units 1, 3 & 4)	TYS-VS/SOF3		54.95	TYS/SOF3		10.95	
Topic 4 - Analysis Tools (Unit 3)	TYS-VS/SOF4		54.95	TYS/SOF4		10.95	
Topic 5 - Design Tools (Units 1 & 3)	TYS-VS/SOF5		54.95	TYS/SOF5		10.95	
Topic 6 - Software Requirements Specifications (SRS) (Unit 3)	TYS-VS/SOF6		54.95	TYS/SOF6		10.95	
Topic 7 - Sorting and Searching Algorithms (Units 3 & 4)	TYS-VS/SOF7		54.95	TYS/SOF7		10.95	
Topic 8 - Data Validation and Testing (Units 1, 3 & 4)	TYS-VS/SOF8		54.95	TYS/SOF8		10.95	
Topic 9 - Networks and Cyber Security (Unit 4)	TYS-VS/SOF9		54.95	TYS/SOF9		10.95	
Topic 10 - Legal Obligations for Programmers (Unit 4)	TYS-VS/SOF10		54.95	TYS/SOF10		10.95	

Special Offers for TYS-VS & TYS:

Order all Software Development Topics 1 to 10

TYS-VS/

SOFALL

499.00

TYS/SOFALL

100.00

VCE SYSTEMS ENGINEERING - ALL UNITS 1 TO 4 RESOURCES WRITTEN NEW EVERY YEAR!	PRODUCT CODE	QTY	RRP (\$)	TOTAL (\$)
Unit 1 - Systems Engineering - Trial Examination 1	STE/U1SYS1		80.00	
Unit 1 - Systems Engineering TETs for SACs (5 SACs)	TET/U1SYS		110.00	
Unit 1 - Systems Engineering - Key Topic Tests (4 Tests)	KTT/U1SYS		90.00	
Unit 2 - Systems Engineering - Trial Examination 2	STE/U2SYS2		80.00	
Unit 2 - Systems Engineering TETs for SACs (5 SACs)	TET/U2SYS		110.00	
Unit 2 - Systems Engineering - Key Topic Tests (3 Tests)	KTT/U2SYS		80.00	
Unit 3 - Systems Engineering - Trial Examination	STE/U3SYS		90.00	
Unit 3 - Systems Engineering TETs for SACs (3 SACs)	TET/U3SYS		80.00	
Unit 3 - Systems Engineering - Key Topic Tests (5 Tests)	KTT/U3SYS		110.00	
Unit 4 - Systems Engineering TETs for SACs (3 SACs)	TET/U4SYS		80.00	
Unit 4 - Systems Engineering - Key Topic Tests (3 Tests)	KTT/U4SYS		80.00	
Unit 3 & 4 - Systems Engineering - Trial Examination	STE/U34SYS		95.00	
Unit 3 & 4 - Systems Engineering TET for SAT (SAT - Inc. 8 Tasks)	TET/U34SYS		150.00	

NEW TYS-Video Series (TYS-VS) & TYS Topic Titles for Systems Engineering

PRODUCT CODE QTY RRP (\$) PRODUCT CODE QTY RRP (\$) TOTAL (\$)

Topic 1 - The Systems Engineering process (Units 1, 3 & 4)

TYS-VS/SYS1

54.95

TYS/SYS1

10.95

Topic 2 - Mechanical components (Units 1, 3 & 4)

TYS-VS/SYS2

54.95

TYS/SYS2

10.95

Topic 3 - Mechanical Engineering Concepts (Units 1, 3 & 4)

TYS-VS/SYS3

54.95

TYS/SYS3

10.95

Topic 4 - Mechanical Engineering Principles (Units 1, 3 & 4)

TYS-VS/SYS4

54.95

TYS/SYS4

10.95

Topic 5 - Systems Energy (Units 1, 3 & 4)

TYS-VS/SYS5

54.95

TYS/SYS5

10.95

Topic 6 - Mechanical Calculations (Units 1, 3 & 4)

TYS-VS/SYS6

54.95

TYS/SYS6

10.95

Topic 7 - Electrical Calculations (Units 1, 3 & 4)

TYS-VS/SYS7

54.95

TYS/SYS7

10.95

Topic 8 - Electrotechnological Components and their operation (Units 1, 3 & 4)

TYS-VS/SYS8

54.95

TYS/SYS8

10.95

Topic 9 - Characteristics and Properties of Materials (Units 1, 3 & 4)

TYS-VS/SYS9

54.95

TYS/SYS9

10.95

Special Offers for TYS-VS & TYS:

Order all Systems Engineering Topics 1 to 9

TYS-VS/