



TECHNOLOGICAL UNIVERSITY OF THE PHILIPPINES

CAVITE CAMPUS

Carlos Q. Trinidad Avenue, Salawag, Dasmariñas City, Cavite, Philippines

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Email: cavite@tup.edu.ph | Website: www.tup.edu.ph

VAA-OUR

COURSE CURRICULUM

Course Code: BTTE-CP - Bachelor of Technical Vocational Teacher Education **Curriculum Year:** 1920

ACADEMIC/SHOP SUBJECT

Subject Code	Subject Description	Units		Hours		Total Prerequisite Hours	Co-requisite	
		Lec	Lab	Lec	Lab			
1st Year								
1st Semester								
GEC4-C	Mathematics in the Modern World	3		3	3.00	3.00		
GEC5-C	Purposive Communication	3		3	3.00	3.00		
HE1E-C	Integrated Home Economics Lec	3		3	3.00	3.00		
HE1EL-C	Integrated Home Economics Lab		3	3		9.00		
ICT1E-C	Information and Communication Technology	3		3	3.00	3.00		
	Essentials Lec							
ICT1EL-C	Information and Communication Technology		3	3		9.00		
	Essentials Lab							
NSTP1-C	National Service Training Program 1	3		3	3.00	3.00		
PE1-C	Physical Fitness	2		2	2.00	2.00		
PROFED1-C	The Child and Adolescent Learner and Learning Principles	3		3	3.00	3.00		
PROFED2-C	The Teaching Profession	3		3	3.00	3.00		
TOTAL		23	6	29	23	18	41	

1st Year								
2nd Semester								
AFA1E-C	Introduction to Agri-Fishery Arts Lec	3		3	3.00	3.00		
AFA1EL-C	Introduction to Agri-Fishery Arts Lab		3	3		9.00		
GEC1-C	Understanding the Self	3		3	3.00	3.00		
GEC7-C	Science, Technology and Society	3		3	3.00	3.00		
IA1E-C	Fundamentals of Industrial Arts Lec	3		3	3.00	3.00		
IA1EL-C	Fundamentals of Industrial Arts Lab		3	3		9.00		
NSTP2-C	National Service Training Program 2	3		3	3.00	3.00	NSTP1-C	
PE2-C	Rhythmic Activities	2		2	2.00	2.00	PE1-C	
PROFED3-C	Foundation of Technology Education	3		3	3.00	3.00		
PROFED4-C	Facilitating Learner-Centered Teaching: The Learner-Centered Approach with Emphasis on Trainers Methodology 1	3		3	3.00	3.00	PROFED1-C, PROFED2-C	
TOTAL		23	6	29	23	18	41	

2nd Year								
1st Semester								
GEC2-C	Readings in Philippine History	3		3	3.00	3.00		
PE3-C	Individual and Dual Sports	2		2	2.00	2.00	PE1-C	
PROFED5-C	Technology for Teaching and Learning 1	3		3	3.00	3.00	PROFED3-C, PROFED4-C	
PROFED6-C	Building and Enhancing New Literacies Across the Curriculum with Emphasis on the 21st Century Skills.	3		3	3.00	3.00	PROFED3-C	
PROG1-C	Structured Programming, Lec	3		3	3.00	3.00	ICT1E, ICT1EL	
PROG1L-C	Structured Programming, Lab		3	3		9.00	ICT1E, ICT1EL	
PROG2-C	Web Development 1, Lec	3		3	3.00	3.00	ICT1E, ICT1EL	
PROG2L-C	Web Development 1, Lab		3	3		9.00	ICT1E, ICT1EL	
TOTAL		17	6	23	17	18	35	

2nd Year								
2nd Semester								
GEC6-C	Art Appreciation	3		3	3.00	3.00		
PE4-C	Team Sports	2		2	2.00	2.00	PE1-C	
PROFED7-C	Assessment in Learning 1	3		3	3.00	3.00	PROFED3-C, PROFED4-C	
PROFED8-C	The Teacher and the Community, School Culture and Organizational Leadership with Focus on TVET System	3		3	3.00	3.00	PROFED4-C	
PROG3-C	Object-Oriented Programming, lec	3		3	3.00	3.00	PROG1-C, PROG1L-C	
PROG3L-C	Object-Oriented Programming, lab		3	3		9.00	PROG1-C, PROG1L-C	
PROG4-C	Web Development 2, Lec	3		3	3.00	3.00	PROG2-C, PROG2L-C	
PROG4L-C	Web Development 2, Lab		3	3		9.00	PROG2-C, PROG2L-C	



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COURSE CURRICULUM

Course Code: BTTE-CP - Bachelor of Technical Vocational Teacher Education **Curriculum Year:** 1920

ACADEMIC/SHOP SUBJECT

Subject Code	Subject Description	Units		Total		Hours		Prerequisite	Co-requisite
		Lec	Lab	Units	Lec	Lab	Hours		
TTL-C	Technology for Teaching and Learning 2	3		3	3.00		3.00	PROFED5-C	
TOTAL		20	6	26	20	18	38		

3rd Year		1st Semester							
GEC8-C	Ethics	3		3	3.00		3.00		
PROFED10-C	Foundation of Special and Inclusive Education	3		3	3.00		3.00	PROFED4-C	
PROFED11-C	Curriculum Development and Evaluation	3		3	3.00		3.00	PROFED5-C, PROFED6-C, PROFED4-C	PROFED12-C
PROFED12-C	Assessment in Learning 2	3		3	3.00		3.00	PROFED7-C	
PROFED9-C	Methods of Research	3		3	3.00		3.00	PROFED7-C	
PROG5-C	Device Programming, lec	3		3	3.00		3.00	PROG1-C, PROG1L-C	
PROG5L-C	Device Programming, lab		3	3		9.00	9.00	PROG1-C, PROG1L-C	
PROG6-C	Mobile Application Development, Lec	3		3	3.00		3.00	PROG3-C, PROG3L-C, PROG4-C, PROG4L-C	
PROG6L-C	Mobile Application Development, Lab		3	3		9.00	9.00	PROG3-C, PROG3L-C, PROG4-C, PROG4L-C	
TOTAL		21	6	27	21	18	39		

3rd Year		2nd Semester							
BET6-C	Technopreneurship	3		3	3.00		3.00		
GEC3-C	The Contemporary World	3		3	3.00		3.00		
GEM14-C	Life and Works of Rizal	3		3	3.00		3.00		
PROFED13-C	Statistics for Educational Research	3		3	3.00		3.00	PROFED9-C	
PROFED15-C	Andragogy of Learning Including Principles of Trainers Methodology	3		3	3.00		3.00	PROFED3-C, PROFED4-C	
PROG7-C	Application Software Development, lec	3		3				PROG3-C, PROG3L-C, PROG4-C, PROG4L-C	
PROG7L-C	Application Software Development, lab		3	3		9.00	9.00	PROG3-C, PROG3L-C, PROG4-C, PROG4L-C	
SEM1-C	Seminar in Technology and Livelihood Education for Teachers	3		3	3.00		3.00		
SEM2-C	Seminar in General Education For Teachers	3		3	3.00		3.00		
TOTAL		24	3	27	21	9	30		

3rd Year		SUMMER							
SIT	Supervised Industrial Training (240 hours)		3	3		3.00	3.00		
TOTAL		0	3	3	0	3	3		

4th Year		1st Semester							
GEE11A-C	Environmental Science and Engineering	3		3	3.00		3.00		
GEE12C-C	Gender and Society	3		3	3.00		3.00		
GEE13B-C	Philippine Popular Culture	3		3	3.00		3.00		
IPT-C	In-Campus Practice TEaching	6		6	6.00		6.00	PROFED4-C, PROFED11-C, PROFED13-C	
PROFED14-C	Thesis Writing	3		3	3.00		3.00	PROFED13-C	
PROFED16-C	Work-Based Learning with Emphasis on Trainers Methodology	3		3	3.00		3.00	PROFED15-C	
SEM3-C	Seminar in Professional Education for Teachers	3		3	3.00		3.00		
TOTAL		24	0	24	24	0	24		

4th Year		2nd Semester							
OPT-C	Practice Teaching		9	9		9.00	9.00	IPT-C	
TOTAL		0	9	9	0	9	9		


SARAH JANE D. VELOS
 Campus Registrar



VAA-OUR

COURSE CURRICULUM

Course Code: BTTE-EL - Bachelor of Technical Vocational Teacher Education **Curriculum Year:** 1920

ACADEMIC/SHOP SUBJECT

Subject Code	Subject Description	Units		Hours		Total Prerequisite Hours	Co-requisite
		Lec	Lab	Lec	Lab		
1st Year							
1st Semester							
GEC4-C	Mathematics in the Modern World	3		3	3.00	3.00	
GEC5-C	Purposive Communication	3		3	3.00	3.00	
HE1E-C	Integrated Home Economics Lec	3		3	3.00	3.00	
HE1EL-C	Integrated Home Economics Lab		3	3		9.00	
ICT1E-C	Information and Communication Technology	3		3	3.00	3.00	
	Essentials Lec						
ICT1EL-C	Information and Communication Technology		3	3		9.00	
	Essentials Lab						
NSTP1-C	National Service Training Program 1	3		3	3.00	3.00	
PATHFIT1-C	Physical Activities Toward Health and Fitness 1	2		2	2.00	2.00	
PROFED1-C	The Child and Adolescent Learner and	3		3	3.00	3.00	
	Learning Principles						
PROFED2-C	The Teaching Profession	3		3	3.00	3.00	
TOTAL		23	6	29	23	18	41

1st Year							
2nd Semester							
AFA1E-C	Introduction to Agri-Fishery Arts Lec	3		3	3.00	3.00	
AFA1EL-C	Introduction to Agri-Fishery Arts Lab		3	3		9.00	
GEC1-C	Understanding the Self	3		3	3.00	3.00	
GEC7-C	Science, Technology and Society	3		3	3.00	3.00	
IA1E-C	Fundamentals of Industrial Arts Lec	3		3	3.00	3.00	
IA1EL-C	Fundamentals of Industrial Arts Lab		3	3		9.00	
NSTP2-C	National Service Training Program 2	3		3	3.00	3.00	NSTP1-C
PATHFIT2-C	Physical Activities Toward Health and Fitness 2	2		2	2.00	2.00	PE1-C
PROFED3-C	Foundation of Technology Education	3		3	3.00	3.00	
PROFED4-C	Facilitating Learner-Centered Teaching: The	3		3	3.00	3.00	PROFED1-C, PROFED2-C
	Learner-Centered Approach with Emphasis on Trainers Methodology 1						
TOTAL		23	6	29	23	18	41

2nd Year							
1st Semester							
ETECH1-C	Electrical Fundamentals, House Wiring Design	3		3	3.00	3.00	
	and Estimate, Lec						
ETECH1L-C	Electrical Fundamentals, House Wiring Design		3	3		9.00	
	and Estimate, Lab						
ETECH2-C	Electrical Appliances Servicing Lec	3		3	3.00	3.00	
ETECH2L-C	Electrical Appliances Servicing Lab		3	3		9.00	
GEC2-C	Readings in Philippine History	3		3	3.00	3.00	
PATHFIT3-C	Physical Activities Toward Health and Fitness 3	2		2	2.00	2.00	PE1-C
PROFED5-C	Technology for Teaching and Learning 1	3		3	3.00	3.00	PROFED3-C, PROFED4-C
PROFED6-C	Building and Enhancing New Literacies Across	3		3	3.00	3.00	PROFED3-C
	the Curriculum with Emphasis on the 21st Century Skills.						
TOTAL		17	6	23	17	18	35

2nd Year							
2nd Semester							
ETECH3-C	Transformer and Motor Rewinding Lec	3		3	3.00	3.00	ETECH1-C, ETECH1L-C, ETECH2-C, ETECH2L-C
ETECH3L-C	Transformer and Motor Rewinding Lab		3	3		9.00	ETECH1-C, ETECH1L-C, ETECH2-C, ETECH2L-C
ETECH4-C	Renewable Energy and Conservation Lec	3		3	3.00	3.00	ETECH1-C, ETECH1L-C, ETECH2-C, ETECH2L-C
ETECH4L-C	Renewable Energy and Conservation Lab		3	3		9.00	ETECH1-C, ETECH1L-C, ETECH2-C, ETECH2L-C
GEC6-C	Art Appreciation	3		3	3.00	3.00	
PATHFIT4-C	Physical Activities Toward Health and Fitness 4	2		2	2.00	2.00	PE1-C
PROFED7-C	Assessment in Learning 1	3		3	3.00	3.00	PROFED3-C, PROFED4-C
PROFED8-C	The Teacher and the Community, School	3		3	3.00	3.00	PROFED4-C
	Culture and Organizational Leadership with Focus on TVET System						



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COURSE CURRICULUM

Course Code: BTTE-EL - Bachelor of Technical Vocational Teacher Education **Curriculum Year:** 1920

ACADEMIC/SHOP SUBJECT

Subject Code	Subject Description	Units		Total		Hours		Prerequisite	Co-requisite
		Lec	Lab	Units	Lec	Lab	Hours		
TTL-C	Technology for Teaching and Learning 2	3		3	3.00		3.00	PROFED5-C	
TOTAL		20	6	26	20	18	38		

3rd Year	1st Semester								
ETECH5-C	Electromechanical Controller with Pneumatics and PLC Lec	3		3	3.00		3.00	ETECH4-C, ETECH4-L, ETECH4-M, ETECH4-N	
ETECH5L-C	Electromechanical Controller with Pneumatics and PLC Lab		3	3		9.00	9.00	ETECH4-C, ETECH4-L, ETECH4-M, ETECH4-N	
ETECH6-C	Electronics Fundamentals and Digital Technology, Lec.	3		3	3.00		3.00	ETECH3-C, ETECH3-L, ETECH3-M, ETECH3-N	
ETECH6L-C	Electronics Fundamentals and Digital Technology Lab		3	3		9.00	9.00	ETECH3-C, ETECH3-L, ETECH3-M, ETECH3-N	
GEC8-C	Ethics	3		3	3.00		3.00		
PROFED10-C	Foundation of Special and Inclusive Education	3		3	3.00		3.00	PROFED4-C	
PROFED11-C	Curriculum Development and Evaluation	3		3	3.00		3.00	PROFED3-C, PROFED6-C, PROFED4-C	PROFED12-C
PROFED12-C	Assessment in Learning 2	3		3	3.00		3.00	PROFED7-C	
PROFED9-C	Methods of Research	3		3	3.00		3.00	PROFED7-C	
TOTAL		21	6	27	21	18	39		

3rd Year	2nd Semester								
BET6-C	Technopreneurship	3		3	3.00		3.00		
ETECH7-C	Industrial Electronics and Processes Lec	3		3	3.00		3.00	ETECH6-C, ETECH6-L, ETECH6-M, ETECH6-N	
ETECH7L-C	Industrial Electronics and Processes Lab		3	3		9.00	9.00	ETECH6-C, ETECH6-L, ETECH6-M, ETECH6-N	
GEC3-C	The Contemporary World	3		3	3.00		3.00		
GEM14-C	Life and Works of Rizal	3		3	3.00		3.00		
PROFED13-C	Statistics for Educational Research	3		3	3.00		3.00	PROFED9-C	
PROFED15-C	Andragogy of Learning Including Principles of Trainers Methodology	3		3	3.00		3.00	PROFED3-C, PROFED4-C	
SEM1-C	Seminar in Technology and Livelihood Education for Teachers	3		3	3.00		3.00		
SEM2-C	Seminar in General Education For Teachers	3		3	3.00		3.00		
TOTAL		24	3	27	24	9	33		

3rd Year	SUMMER								
SIT	Supervised Industrial Training (240 hours)		3	3		3.00	3.00		
TOTAL		0	3	3	0	3	3		

4th Year	1st Semester								
GEE11A-C	Environmental Science and Engineering	3		3	3.00		3.00		
GEE12C-C	Gender and Society	3		3	3.00		3.00		
GEE13B-C	Philippine Popular Culture	3		3	3.00		3.00		
IPT-C	In-Campus Practice TEaching	6		6	6.00		6.00	PROFED4-C, PROFED11-C, PROFED10-C	
PROFED14-C	Thesis Writing	3		3	3.00		3.00	PROFED13-C	
PROFED16-C	Work-Based Learning with Emphasis on Trainers Methodology	3		3	3.00		3.00	PROFED15-C	
SEM3-C	Seminar in Professional Education for Teachers	3		3	3.00		3.00		
TOTAL		24	0	24	24	0	24		

4th Year	2nd Semester								
OPT-C	Practice Teaching		9	9		9.00	9.00	IPT-C	
TOTAL		0	9	9	0	9	9		


SARAH JANE D. VELOS
 Campus Registrar