

VISION

(BOR Resolution No. 25 s. 2016)
A premier state university with recognized excellence in engineering and technology education at par with leading universities in the ASEAN region.

MISSION

(Section 2 of P.D. No. 1518) The University shall provide higher and advanced vocational, technical, industrial, technological and professional education and training in industries and technology and in practical arts leading to certificates, diplomas and degrees. It shall provide progressive leadership in applied research, developmental studies in technical, industrial, and technological fields and production using indigenous materials; effect technology transfer in the countryside; and assist in the development of small-and-medium scale industries in identified growth centers.

DEPARTMENT OF INDUSTRIAL EDUCATION GOALS

- To periodically review the curricular program to produce competent and committed teachers.
- To undertake development and innovative researchers in Industrial Education.
- To facilitate transfer of technology in Industrial Education through expanded and effective linkages with industry and other sectors.
- To produce teachers who understand and appreciate genuine human ideas and values.
- To imbue prospective teachers with desirable characteristics.

OBJECTIVES

- Offer relevant and responsive curricular programs.
- Initiate the conduct of researches in pedagogy and related educational technology.
- Intensify community involvement through extension programs and projects.
- Develop attitude, personal discipline, moral, social and cultural values of the students.
- Equip prospective teachers with desirable personal and social characteristics, qualities and traits.



REPUBLIC OF THE PHILIPPINES TECHNOLOGICAL UNIVERSITY OF THE PHILIPPINES CAVITE CAMPUS

Carlos Q. Trinidad Avenue, Salawag, Dasmariñas City, Cavite, Philippines Telefax: (046) 416-4920

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

BTVTED

AREA III CURRICULUM AND INSTRUCTION

- A. Curriculum and Program of Studies
 - I.2. The subjects are logically sequenced and prerequisite courses are identified.



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PROG4L-C

Web Development 2, Lab

VAA-OUR	COUR	SE C	URRI	CULL	IM					
Course Code:	BTTE-CP - Bachelor of Technical Vocational Teacher Education Curriculum Year: 1920									
	ACADEMIC/SHOP SUBJECT									
Subject Code	Subject Description	Ur	nits	Total		urs	Total	Prerequisite	Co-requisit	
		Lec	Lab	Units	Lec	Lab	Hours			
1st Year	1st Semester									
GEC4-C	Mathematics in the Modern World	3	1	3	3.00	T	3.00		T	
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	3	3.00	9.00	9.00			
		3	3	3	3.00	9.00	3.00			
ICT1E-C	Information and Communication Technology Essentials Lec	3	-	3	3.00		3.00			
ICT1EL-C		-	3	3		9.00	9.00			
ICTIEL-C	Information and Communication Technology Essentials Lab	-	3	3		9.00	9.00			
NOTES O		3	-	2	2.00	-	3.00			
NSTP1-C	National Service Training Program 1		-	3	3.00		2.00			
PE1-C	Physical Fitness	2	 	2	2.00					
PROFED1-C	The Child and Adolescent Learner and	3		3	3.00		3.00			
	Learning Principles	<u> </u>		-	2.00		2.00			
PROFED2-C	The Teaching Profession	3		3	3.00		3.00	L		
	TOTAL	23	6	29	23	18	41			
1st Year	2nd Semester									
AFA1E-C	Introduction to Agri-Fishery Arts Lec	3	1	3	3.00	Г	3.00			
AFA1EL-C	Introduction to Agri-Ishery Arts Leb	-	3	3	0.00	9.00	9.00			
GEC1-C	Understanding the Self	3	-	3	3.00	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 Lec	-	3	3	3.00	9.00	9.00			
		3	3	3	3.00	9.00	3.00	NSTP1-C		
NSTP2-C	National Service Training Program 2	2	-	2			2.00	PE1-C		
PE2-C	Rhythmic Activities	3	-	3	2.00	-	3.00	PEI-C		
PROFED3-C	Foundation of Technology Education		-			-				
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		1			10	4.4	l		
	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	1	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.									
PROG1-C	Structured Programming, Lec	3	+	3	3.00		3.00	ICT1E,ICT1EL		
PROG1L-C	Structured Programming, Lab	-	3	3	0.00	9.00	9.00	ICT1E,ICT1EL		
PROG2-C	Web Development 1, Lec	3	+	3	3.00	0.00	3.00	ICT1E,ICT1EL		
PROG2L-C	Web Development 1, Lab	<u> </u>	3	3	0.00	9.00	9.00	ICT1E,ICT1EL		
1110022	TOTAL	17	6	23	17	18	35	IOTIL,IOTILL		
	TOTAL	.,	•	20	.,	10	00			
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	3		3	3.00		3.00	PROFED4-C		
	Culture and Organizational Leadership with									
	Focus on TVET System									
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	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	1	3	3		9.00	9.00			

9.00 9.00 PROG2-C,PROG2L-C



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VAA-OUR

COURSE CURRICULUM

Course Code:	BTTE-CP - Bachelor of Technical Vocational Teacher Education				Year:		1920		
0.11.10.1	ACADEMIC/SH							_	
Subject Code	Subject Description		nits	Total		urs		Prerequisite	Co-requisite
TTLC	Technology for Teaching and Learning 2	Lec 3	Lab	Units 3	Lec 3.00	Lab	Hours 3.00	DDOFFDE O	
TTL-C	Technology for Teaching and Learning 2 TOTAL	20	6	26	20	18	38	PROFED5-C	<u> </u>
	TOTAL	20	0	20	20	10	30		
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	PROFEDS-C PROFEDS-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	PROGS-C-PROGSL-C-PROGSL-C-PROGSL-C	
PROG6L-C	Mobile Application Development, Lab		3	3		9.00	9.00	PROGS-C-PROGS-C-PROGS-C-PROGS-C-C	
	TOTAL	21	6	27	21	18	39		
				100		5000			
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	3		3	3.00		3.00	PROFED3-C,PROFED4-C	
	Trainers Methodology								
PROG7-C	Application Software Development, lec	3		3				PROGREPHOGREPHOGREPHOGRE	
PROG7L-C	Application Software Development, lab		3	3		9.00	9.00	PR063-C PR063L-C PR004-C PR034L-C	
SEM1-C	Seminar in Technology and Livelihood	3		3	3.00		3.00		
	Education for Teachers								
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		
011	TOTAL	0	3	3		3	3	L	
	TOTAL	•	•	•	•	•			
4th Year	1st Semester								
GEE11A-C	Environmental Science and Engineering	3	T T	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:CPROFED11-CPROFED12-C	
PROFED14-C	Thesis Writing	3		3	3.00		3.00	PROFED13-C	
PROFED16-C	Work-Based Learning with Emphasis on	3		3	3.00		3.00	PROFED15-C	
AND THE PERSON OF THE PERSON O	Trainers Methodology								VIIII ON THE PROPERTY OF THE P
SEM3-C	Seminar in Professional Education for Teachers	3	—	3	3.00		3.00		
	TOTAL	24	0	24	24	0	24	1	1
441- 1/	2nd Semester								
4th Year	I MILIO DUITUOLUI								
4th Year OPT-C	Practice Teaching		9	9		9.00	9.00	IPT-C	

SARAH JANE D. VELOS Campus Registrar



Technological University of the Philippines

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

VAA-OUR

COURSE CURRICULUM

Course Code:	BTTE-EL - Bachelor of Technical Vocational Teacher Education ACADEMIC/Sh			culum CT	rear		1920		
Subject Code	Subject Description		its	Total	Но	urs	Total	Prerequisite	Co-requisite
Subject Code	Subject Description			Units		Lab	Hours	Prerequisite	Co-requisit
				0,1110			Houre		
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	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	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	<u> </u>	3.00		
PROFEDI-C		3		3	3.00		3.00		
222222	Learning Principles			-	0.00		0.00		
PROFED2-C	The Teaching Profession	3	L	3	3.00		3.00	L	L
	TOTAL	23	6	29	23	18	41		
1st Year	2nd Semester	*							
AFA1E-C	Introduction to Agri-Fishery Arts Lec	3	Ī	3	3.00		3.00		
AFA1EL-C	Introduction to Agri-Fishery Arts Lec	-	3	3	0.00	9.00	9.00		
		3	3	3	3.00	9.00	3.00		
GEC1-C	Understanding the Self	L							-
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	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		
0-17	14-40				and the second distribution for				
2nd Year ETECH1-C	1st Semester Electrical Fundamentals, House Wiring Design	3		3	3.00		3.00	T	T
LILOIII-C		-		5	3.00		3.00		
ETECHAL C	and Estimate, Lec	-	3	1		0.00	9.00		
ETECH1L-C	Electrical Fundamentals, House Wiring Design		3	3		9.00	9.00		
	and Estimate, Lab				0.00		0.00		
ETECH2-C	Electrical Appliances Servicing Lec	3		3	3.00		3.00		
ETECH2L-C	Electrical Appliances Servicing Lab		3	3		9.00	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		
0-17	1010							SANGERATURATURA (SANGERATURA (SANGERATURA (SANGERATURA (SANGERATURA (SANGERATURA (SANGERATURA (SANGERATURA (SA	
2nd Year ETECH3-C	2nd Semester	2	1	2	3.00	T	3.00		1
	Transformer and Motor Rewinding Lec	3	2	3	3.00	0.00		BYECHT-C.BTECHTL-C.BTECKS-C.BTECKQL-C	
ETECH3L-C	Transformer and Motor Rewinding Lab		3	3	0.00	9.00	9.00	ETECHI-CETECHILLE, ETECHO-CETECHOLLE	
ETECH4-C	Renewable Energy and Conservation Lec	3		3	3.00		3.00	BTECH-CETECHILGETECHICETECHIC	
ETECH4L-C	Renewable Energy and Conservation Lab		3	3		9.00	9.00	ETECH1-C,ETECH1-C,ETECH3-C,ETECH3-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 Landarship with	1	1	1		1		1	

Culture and Organizational Leadership with

Focus on TVET System

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VAA-OUR

COURSE CURRICULUM

VAA-OUR				COLC					
Course Code:	BTTE-EL - Bachelor of Technical Vocational Teacher Education Curriculum Year: 1920								
	ACADEMIC/SH	OP S	UBJE	СТ					
Subject Code	Subject Description	Un	nits	Total	Ho	urs	Total	Prerequisite	Co-requisit
		Lec	Lab		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	3		3	3.00		3.00	елеско-селесии, с,елесич-с,ялесичи, с	
	and PLC Lec								
ETECH5L-C	Electromechanical Controller with Pneumatics		3	3		9.00	9.00	етромы дтомы от дом метромы с	
	and PLC Lab								
ETECH6-C	Electronics Fundamentals and Digital	3		3	3.00		3.00	етесия-м.етесны. М.етесна-м.етесна. М	
	Technology, Lec.								
ETECH6L-C	Electronics Fundamentals and Digital		3	3		9.00	9.00	arecha-carecha-carecha-carecha-c	
	Technology Lab								
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	PROFEDS-C.PROFEDS-C.PROFED4-C	PROFED12-
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	ETECHS-CUTTICHSLICUE TECHS CUTTICHSLIC	
ETECH7L-C	Industrial Electronics and Processes Lab		3	3		9.00	9.00	SURPRISE S. 2-04-20TE C. SURPRISE C. 2-04-23TE	
GEC3-C	The Contemporary World	3		3	3.00		3.00		
GEM14-C	Life and Works of Rizal	3		3	3.00		3.00		AND THE RESIDENCE AND THE PERSON NAMED IN COLUMN 1
PROFED13-C	Statistics for Educational Research	3		3	3.00		3.00	PROFED9-C	
PROFED15-C	Andragogy of Learning Including Principles of	3		3	3.00		3.00	PROFED3-C,PROFED4-C	
	Trainers Methodology								
SEM1-C	Seminar in Technology and Livelihood	3		3	3.00		3.00		
	Education for Teachers								
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	Accessor and an accessor and accessor accessor and accessor acces	
4th Year	1st Semester								
GEE11A-C	Environmental Science and Engineering	3	I	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/PROFEDI2-C	
PROFED14-C	Thesis Writing	3	 	3	3.00		3.00	PROFED13-C	
PROFED16-C	Work-Based Learning with Emphasis on	3		3	3.00		3.00	PROFED15-C	
	Trainers Methodology		 						
SEM3-C	Seminar in Professional Education for Teachers	3	 	3	3.00	-	3.00		
	TOTAL	24	0	24	24	0	24	L	<u> </u>
4th Year	2nd Semester								
THE EVAL	mild Odillostol								
OPT-C	Practice Teaching		9	9		9.00	9.00	IPT-C	