



UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES
 Alubijid | **Cagayan de Oro** | Claveria | Jasaan | Oroqueta | Panaon
College of Science and Technology Education

Bachelor of Technology and Livelihood Education
Major in Home Economics
IMPLEMENTED 1ST Semester SY 2018-2019

COURSE CODE	DESCRIPTIVE TITLE	H O U R U N I T					PRE-REQUISITE	CO-REQUISITE
		LAB	LEC	LAB	LEC	CREDIT		
<u>First year- First semester</u>								
SS 111	Understanding the Self	0.0	3.0	0.0	3.0	3.0		
SS 112	Reading in Philippine History	0.0	3.0	0.0	3.0	3.0		
HEE 111	Home Economics Literacy	3.0	2.0	1.0	2.0	3.0		
ICTE 112	Drawing Concepts and Strategies	3.0	2.0	1.0	2.0	3.0		
IAE 113	Technical Drawing	3.0	2.0	1.0	2.0	3.0		
Engl 111	Art Appreciation	0.0	3.0	0.0	3.0	3.0		
SS 113	Philippine Indigenous Community	0.0	3.0	0.0	3.0	3.0		
FIL 111	Wika, Kultura at Lipunan	0.0	3.0	0.0	3.0	3.0		
PE 10	Physical Education 1	0.0	2.0	0.0	2.0	2.0		
NSTP 10	ROTC/CWTS/	0.0	3.0	0.0	3.0	3.0		
LTS		9.0	26.0	3.0	26.0	29.0		
<u>First year- Second Sem</u>								
IAE 124	Automotive Electricity	3.0	2.0	1.0	2.0	3.0		
ICTE 125	Drawing Tools and Animation	3.0	2.0	1.0	2.0	3.0		
AFAE1 126	Crop Production	3.0	2.0	1.0	2.0	3.0		
SS 124	Ethics	0.0	3.0	0.0	3.0	3.0		
FIL 122	Retorika	0.0	3.0	0.0	3.0	3.0		
EDUC 10	The Child & Adolescent Learner & Learning Principles	0.0	3.0	0.0	3.0	3.0		
EDUC 20	The Teaching Profession	0.0	3.0	0.0	3.0	3.0		
PE 20	Physical Education 2	0.0	2.0	0.0	2.0	2.0		
NSTP 20	ROTC/CWTS/LTS	0.0	3.0	0.0	3.0	3.0		
		9.0	23.0	3.0	23.0	26.0		
<u>Second year – First semester</u>								
HE 211	Cookery II	6.0	2.0	2.0	2.0	4.0		
HE 212	Housekeeping	6.0	2.0	2.0	2.0	4.0		
EDUC 90	Building & Enhancing Literacy Across the Curriculum with Emphasis on the 21st Century Skills	0.0	3.0	0.0	3.0	3.0		
EDUC 60	Assessment in Learning I	0.0	3.0	0.0	3.0	3.0		
ES 211	Science and Technology	0.0	3.0	0.0	3.0	3.0		
SS 215	The Contemporary World	0.0	3.0	0.0	3.0	3.0		
Math 211	Math in the Modern World	0.0	3.0	0.0	3.0	3.0		
Eng 212	Purposive Communication	0.0	3.0	0.0	3.0	3.0		
PE 30	Physical Education 3	0.0	2.0	0.0	2.0	2.0		
		12.0	24.0	4.0	24.0	28.0		

Second year- Second semester

SS	226	Life and Works of Rizal	0.0	3.0	0.0	3.0	3.0
EDUC	81	Technology for Teaching and Learning 1	0.0	3.0	0.0	3.0	3.0
EDUC	50	Facilitating Learner-Centered Teaching: The Learner-Centered Approaches with Emphasis on Trainers Methodology 1	0.0	3.0	0.0	3.0	3.0
EDUC	40	Foundation of Special & Inclusive Education	0.0	3.0	0.0	3.0	3.0
IAE	227	Automotive Under Chassis/Power Train 1	3.0	2.0	1.0	2.0	3.0
HE	223	Bread and Pastry Production	6.0	2.0	2.0	2.0	4.0
EDUC	30	The Teacher and the Community, School, Culture, Organizational Leadership with Focus on the Philippine TVET System	0.0	3.0	0.0	3.0	3.0
EntrepE	2210	Entrepreneurship	3.0	2.0	1.0	2.0	3.0
PE	40	Physical Education 4	0.0	2.0	0.0	2.0	2.0
			12.0	23.0	4.0	23.0	27.0

Third-Year- First semester

RES	10	Methods of Research	0.0	3.0	0.0	3.0	3.0
HEE	318	Dressmaking	3.0	2.0	1.0	2.0	3.0
AFAE2	319	Food Processing	3.0	2.0	1.0	2.0	3.0
EDUC	91	Curriculum Development & Evaluation with Emphasis on Trainers Methodology II	0.0	3.0	0.0	3.0	3.0
EDUC	81	Technology for Teaching and Learning 2	0.0	3.0	0.0	3.0	3.0
EDUC	61	Assessment in Learning 2 with focus on Trainers Methodology 1 & 2	0.0	3.0	0.0	3.0	3.0
HE	314	Food & Beverage Services	6.0	2.0	2.0	2.0	4.0
			12.0	18.0	4.0	18.0	22.0

Third-Year- Second semester

HE	325	Commercial Cooking	6.0	2.0	2.0	2.0	4.0
HE	326	Garments & Textiles	6.0	2.0	2.0	2.0	4.0
HE	327	Beauty Care & Services	6.0	2.0	2.0	2.0	4.0
HE	328	Preventive Maintenance/Laboratory Management	6.0	2.0	2.0	2.0	4.0
			24.0	8.0	8.0	8.0	16.0

Fourth-Year- First semester

FS	10	Observation & Participation to Professional Education Courses	0.0	2.0	0.0	2.0	2.0
FS	20	Observation & Participation to General Education Courses	0.0	1.0	0.0	1.0	1.0
FS	30	Observation & Participation to Industry	0.0	3.0	0.0	3.0	3.0
HE	329	Bartending	6.0	2.0	2.0	2.0	4.0
RES	20	Undergraduate Thesis/ Research Paper/Research Project	0.0	3.0	0.0	3.0	3.0
			6.0	11.0	2.0	11.0	13.0

Fourth-Year- Second semester

EDUC	100	Seminar on Special Topics	0.0	3.0	0.0	3.0	3.0
EDUC	101	Practice Teaching & Internship	0.0	6.0	0.0	6.0	6.0
			0.0	9.0	0.0	9.0	9.0



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Bachelor of Technology and Livelihood Education
 Major in Industrial Arts
 IMPLEMENTED 1ST Semester SY 2018-2019

COURSE CODE	DESCRIPTIVE TITLE	H O U R U N I T					PRE-REQUISITE	CO-REQUISITE
		LAB	LEC	LAB	LEC	CREDIT		
<u>First year- First semester</u>								
SS 111	Understanding the Self	0.0	3.0	0.0	3.0	3.0		
SS 112	Reading in Philippine History	0.0	3.0	0.0	3.0	3.0		
HEE 111	Home Economics Literacy	3.0	2.0	1.0	2.0	3.0		
ICTE 112	Drawing Concepts and Strategies	3.0	2.0	1.0	2.0	3.0		
IAE 113	Technical Drawing	3.0	2.0	1.0	2.0	3.0		
AFAE2 114	Food Processing	3.0	2.0	1.0	2.0	3.0		
ENG 111	Purposive Communication	0.0	3.0	0.0	3.0	3.0		
FIL 111	Wika, Kultura at Lipunan	0.0	3.0	0.0	3.0	3.0		
PE 10	Physical Education 1	0.0	2.0	0.0	2.0	2.0		
NSTP 10	ROTC/CWTS/	0.0	3.0	0.0	3.0	3.0		
LTS		12.0	25.0	4.0	23.0	29.0		
<u>First year- Second Term</u>								
IAE 125	Automotive Electricity	3.0	2.0	1.0	2.0	3.0		
AFAE1 126	Crop Production	3.0	2.0	1.0	2.0	3.0		
MATH 121	Math in the Modern world	0.0	3.0	0.0	3.0	3.0		
SS 123	Life and Works of Rizal	0.0	3.0	0.0	3.0	3.0		
SS 124	Ethics	0.0	3.0	0.0	3.0	3.0		
FIL 122	Retorika	0.0	3.0	0.0	3.0	3.0		
EDUC 10	The Child & Adolescent Learner & Learning Principles	0.0	3.0	0.0	3.0	3.0		
EDUC 20	The Teaching Profession	0.0	3.0	0.0	3.0	3.0		
PE 20	Physical Education 2	0.0	2.0	0.0	2.0	2.0		
NSTP 20	ROTC/CWTS/LTS	0.0	3.0	0.0	3.0	3.0		
		6.0	27.0	2.0	27.0	29.0		
<u>Second year – First semester</u>								
EDUC 50	Facilitating Learner-Centered Teaching: The Learner Centered Approaches with Emphasis On Trainers Methodology	0.0	3.0	0.0	3.0	3.0		
EDUC 80	Technology for Teaching and Learning I	0.0	3.0	0.0	3.0	3.0		
EDUC 90	Building & Enhancing Literacy Across the Curriculum with Emphasis on the 21st Century Skills	0.0	3.0	0.0	3.0	3.0		
EDUC 60	Assessment in Learning I	0.0	3.0	0.0	3.0	3.0		
ENG 212	Art Appreciation	0.0	3.0	0.0	3.0	3.0		
IAE 217	Automotive Under Chassis/ Power Train 1	3.0	2.0	1.0	2.0	3.0		
ICTE 218	Drawing Tools & Animation	3.0	2.0	1.0	2.0	3.0		
SS 216	Philippine Indigenous Community	0.0	3.0	0.0	3.0	3.0		
PE 30	Physical Education 3	0.0	2.0	0.0	2.0	2.0		
		6.0	24.0	2.0	24.0	26.0		

Second year- Second semester

EDUC	30	The Teacher & the Community, School Culture & Organizational Leadership with focus on the Philippine TVET System	0.0	3.0	0.0	3.0	3.0	
EDUC	81	Technology for Teaching and Learning 2	0.0	3.0	0.0	3.0	3.0	EDUC80
EDUC	91	Curriculum Development & Evaluation with Emphasis on Trainers Methodology II	0.0	3.0	0.0	3.0	3.0	EDUC90
EDUC	40	Foundation of Special & Inclusive Education	0.0	3.0	0.0	3.0	3.0	
EDUC	61	Assessment in Learning 2 with focus on Trainers Methodology 1 & 2	0.0	3.0	0.0	3.0	3.0	EDUC60
ES	221	Science and Technology	0.0	3.0	0.0	3.0	3.0	
SS	228	The Contemporary World	0.0	3.0	0.0	3.0	3.0	
EntrepE	2210	Entrepreneurship	3.0	2.0	1.0	2.0	3.0	
PE	40	Physical Education 4	<u>0.0</u>	<u>2.0</u>	<u>0.0</u>	<u>2.0</u>	<u>2.0</u>	
			3.0	25.0	1.0	25.0	26.0	

Third-Year- First semester

RES	10	Methods of Research	0.0	3.0	0.0	3.0	3.0	
HEE	319	Dressmaking	3.0	2.0	1.0	2.0	3.0	
IA	311	Technical Drafting (Basic CADD)	6.0	2.0	2.0	2.0	4.0	
IA	312	Carpentry	6.0	2.0	2.0	2.0	4.0	
IA	313	Masonry & Plumbing	6.0	2.0	2.0	2.0	4.0	
IA	314	Automotive Servicing 1	<u>6.0</u>	<u>2.0</u>	<u>2.0</u>	<u>2.0</u>	<u>4.0</u>	
			27.0	13.0	9.0	13.0	22.0	

Third-Year- Second semester

IA	325	Digital Electronic Technology	6.0	2.0	2.0	2.0	4.0	
IA	326	Automotive Servicing 2	6.0	2.0	2.0	2.0	4.0	
IA	327	Electrical Installation & Maintenance	6.0	2.0	2.0	2.0	4.0	
IA	329	Preventive Maintenance/Laboratory Management	<u>6.0</u>	<u>2.0</u>	<u>2.0</u>	<u>2.0</u>	<u>4.0</u>	
			24.0	8.0	8.0	8.0	16.0	

Fourth-Year- First semester

IA	328	Shielded Metal Arts Welding (SMAW)	6.0	2.0	2.0	2.0	4.0	
FS	10	Observation & Participation to Professional Education Courses	0.0	2.0	0.0	2.0	2.0	
FS	20	Observation & Participation to General Education Courses	0.0	1.0	0.0	1.0	1.0	
FS	30	Observation & Participation to Industry	0.0	3.0	0.0	3.0	3.0	
RES	20	Undergraduate Thesis/ Research Paper/Research Project	<u>0.0</u>	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>	<u>3.0</u>	RES10
			6.0	11.0	2.0	11.0	13.0	

Fourth-Year- Second semester

EDUC	100	Seminar on Special Topics	0.0	3.0	0.0	3.0	3.0	
EDUC	101	Practice Teaching & Internship	<u>0.0</u>	<u>6.0</u>	<u>0.0</u>	<u>6.0</u>	<u>6.0</u>	
			0.0	9.0	0.0	9.0	9.0	



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Bachelor of Technology and Livelihood Education
Major in Information Communication Technology
IMPLEMENTED 1ST Semester SY 2018-2019

COURSE CODE	DESCRIPTIVE TITLE	H O U R U N I T					PRE-REQUISITE	CO-REQUISITE
		LAB	LEC	LAB	LEC	CREDIT		
First year- First semester								
SS 111	Understanding the Self	0.0	3.0	0.0	3.0	3.0		
SS 112	Reading in Philippine History	0.0	3.0	0.0	3.0	3.0		
HEE 111	Home Economics Literacy	3.0	2.0	1.0	2.0	3.0		
ICTE 112	Drawing Concepts and Strategies	3.0	2.0	1.0	2.0	3.0		
Engl 111	Art Appreciation	0.0	3.0	0.0	3.0	3.0		
SS 113	Philippine Indigenous Community	0.0	3.0	0.0	3.0	3.0		
FIL 111	Wika, Kultura at Lipunan	0.0	3.0	0.0	3.0	3.0		
PE 10	Physical Education 1	0.0	2.0	0.0	2.0	2.0		
NSTP 10	ROTC/CWTS/LTS	<u>0.0</u>	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>	<u>3.0</u>		
		6.0	24.0	2.0	24.0	26.0		
First year- Second Term								
IAE 123	Automotive Electricity	3.0	2.0	1.0	2.0	3.0		
ICTE 124	Drawing Tools and Animation	3.0	2.0	1.0	2.0	3.0		
AFAE1 125	Crop Production	3.0	2.0	1.0	2.0	3.0		
SS 124	Ethics	0.0	3.0	0.0	3.0	3.0		
FIL 122	Retorika	0.0	3.0	0.0	3.0	3.0		
EDUC 10	The Child & Adolescent Learner & Learning Principles	0.0	3.0	0.0	3.0	3.0		
EDUC 20	The Teaching Profession	0.0	3.0	0.0	3.0	3.0		
PE 20	Physical Education 2	0.0	2.0	0.0	2.0	2.0		
NSTP 20	ROTC/CWTS/LTS	<u>0.0</u>	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>	<u>3.0</u>		
		9.0	23.0	3.0	23.0	26.0		
Second year – First semester								
EDUC 50	Facilitating Learner-Centered TEaching: The LEarner Centered Approaches with Emphasis on Trainers Methodology I	0.0	3.0	0.0	3.0	3.0		
SS	The Contemporary World	0.0	3.0	0.0	3.0	3.0		
EDUC 90	Building & Enhancing Literacy Across the Curriculum with Emphasis on the 21st Century Skills	0.0	3.0	0.0	3.0	3.0		
EDUC 60	Assessment in Learning I	0.0	3.0	0.0	3.0	3.0		
ES 211	Science and Technology	0.0	3.0	0.0	3.0	3.0		
ENG 212	Purposive Communication	0.0	3.0	0.0	3.0	3.0		
ICT 211	Troubleshooting Techniques Illustration	6.0	2.0	2.0	2.0	4.0		
EntrepE 2110	Entrepreneurship	3.0	2.0	1.0	2.0	3.0		
PE 30	Physical Education 3	<u>0.0</u>	<u>2.0</u>	<u>0.0</u>	<u>2.0</u>	<u>3.0</u>		
		9.0	24.0	3.0	24.0	27.0		

Second year- Second semester

EDUC	30	The Teacher & the Community, School Culture & Organizational Leadership with focus on the Philippine TVET System	0.0	3.0	0.0	3.0	3.0	
EDUC	80	Technology for Teaching and Learning 1	0.0	3.0	0.0	3.0	3.0	
Math	221	Math in the Modern World	0.0	3.0	0.0	3.0	3.0	
EDUC	40	Foundation of Special & Inclusive Education	0.0	3.0	0.0	3.0	3.0	
EDUC	61	Assessment in Learning 2 with focus on Trainers Methodology 1 & 2	0.0	3.0	0.0	3.0	3.0	EDUC60
IAE	226	Automotive Under Chasis/Power Train 1	3.0	2.0	1.0	2.0	3.0	
SS	225	Life and Work s of Rizal	0.0	3.0	0.0	3.0	3.0	
IAE	227	Technical Drawing	3.0	2.0	1.0	2.0	3.0	
PE	40	Physical Education 4	<u>0.0</u>	<u>2.0</u>	<u>0.0</u>	<u>2.0</u>	<u>2.0</u>	
			6.0	24.0	2.0	24.0	26.0	

Third-Year- First semester

RES	10	Methods of Research	0.0	3.0	0.0	3.0	3.0	
HEE	318	Dressmaking	3.0	2.0	1.0	2.0	3.0	
AFAE2	319	Food Processing	3.0	2.0	1.0	2.0	3.0	
EDUC	91	Curriculum Development & Evaluation with Emphasis on Trainers Methodology II	0.0	3.0	0.0	3.0	3.0	EDUC90
EDUC	81	Technology for Teaching and Learning 2	0.0	3.0	0.0	3.0	3.0	EDUC80
ICT	312	Authoring Tools	6.0	2.0	2.0	2.0	4.0	
ICT	313	Computer System Servicing	6.0	2.0	2.0	2.0	4.0	
ICT	314	2D Digital Animation	<u>6.0</u>	<u>2.0</u>	<u>2.0</u>	<u>2.0</u>	<u>4.0</u>	
			24.0	19.0	8.0	19.0	27.0	

Third-Year- Second semester

ICT	325	Telecom (OSP)	6.0	2.0	2.0	2.0	4.0	
ICT	326	Subscriber Line Installation (Copper/POTS/DSL)	6.0	2.0	2.0	2.0	4.0	
ICT	327	Telecom OSP Installation (Fiber Optic Cable)	6.0	2.0	2.0	2.0	4.0	
ICT	328	Broadband Installation (Fixed Wireless System)	<u>6.0</u>	<u>2.0</u>	<u>2.0</u>	<u>2.0</u>	<u>4.0</u>	
			24.0	8.0	8.0	8.0	16.0	

Fourth-Year- First semester

ICT	329	Customer Relations	6.0	2.0	2.0	2.0	4.0	
FS	10	Observation & Participation to Professional Education Courses	0.0	2.0	0.0	2.0	2.0	
FS	20	Observation & Participation to General Education Courses	0.0	1.0	0.0	1.0	1.0	
FS	30	Observation & Participation to Industry	0.0	3.0	0.0	3.0	3.0	
RES	20	Undergraduate Thesis/ Research Paper/Research Project	<u>0.0</u>	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>	<u>3.0</u>	RES10
			6.0	11.0	2.0	11.0	13.0	

Fourth-Year- Second semester

EDUC	100	Seminar on Special Topics	0.0	3.0	0.0	3.0	3.0	
EDUC	101	Practice Teaching & Internship	<u>0.0</u>	<u>6.0</u>	<u>0.0</u>	<u>6.0</u>	<u>6.0</u>	
			0.0	9.0	0.0	9.0	9.0	