COURSE SYLLABUS

Discipline	SCIENCE		Program	BSBA/BSCS/BSA/BSIT/BSCRIM/BSHM/BSED/BEED
Course Code	GE 7		Course Title	Science, Technology and Society
Credit Units	3		Duration	54 hours
Program Placement			Prerequisite	None

A. COURSE DESCRIPTION AND COURSE INTENDED LEARNING OUTCOMES (CD-CILOs/ Outcomes)

The course deals with the interactions between science and technology and social, cultural, political and economic contexts that shape and are shaped by them (CMO No. 20, series of 2013)

This interdisciplinary course engages students to confront the realities brought about science and technology in society. Such realities pervade the personal, the public, and the global aspects of our living and are integral to human development. Scientific knowledge and technological development happen in the context of society with all its socio – political, cultural, economic, and philosophical underpinnings at play. This course seeks to instill reflective knowledge in the students that they are able to live the good life and display ethical decision making in the face of scientific and technological advancement.

At the end of the course, the learners are to:
1. Articulate the impacts of science and technology on society, specifically Philippine society
2. Explain how science and technology affect society and the environment and its role in nation – building
3. Analyze the human condition in order to deeply reflect and express philosophical ramifications that are meaningful to the student as a part of society
4. Define and demonstrate the impact of social media on the students' life and Philippine society in general
5. Imbibe the importance of science and technology in the preservation of the environment and the development of the Filipino nation
6. Creatively present the importance and contributions of science and technology to society

B. COURSE CONTENT AND STRUCTURE (CCS/ Content)

Duration/Week	Content/Topic(s)	Intended Learning Outcomes (ILO)	Learning Activities
1	Institutional Intended Learning Outcomes (IILOs) as √ VM/ Grad Attributes √ Cmps/Col/Sch Goals *cascaded to* Program Intended Learning Outcomes (PILO) *cascaded to* Course Intended Learning Outcomes (CILOs)	Respond by providing an interpretation of University's mission as integrated in this course	Asynchronous • Pre – recorded video on University's VM, PILOs, and CILOS • Open Forum for Q & A
2 -3	Historical antecedents in which social consideration changed the course of science and technology	**A –** Discuss and respond the interactions between S & T and society throughout history **S –** Discuss how scientific and technological developments affect society and the environment **K –** Identify the paradigm shifts in history	Synchronous • Video conferencing through google meet or zoom • Chat discussion *Assessment: Project based assessment*
4	Intellectual revolutions that defined society	**A –** Articulate ways by which society is transformed by science and technology	Asynchronous • Pre – recorded lecture video with PDF file

		S – Discuss some intellectual revolutions, individual scholars and great works that defined society K – Define and identify intellectual revolutions that defined society	learning materials • Open forum for Q & A
5 - 6	Science and Technology and nation building	A – Discuss the role of Science and Technology in Philippine nation building S – Evaluate government policies pertaining to science and technology in terms of their contributions to nation building K – Identify actual science and technology policies of the government and appraise their impact on the development of the Filipino nation	Asynchronous • Pre – recorded lecture video with PDF file learning materials • Open forum for Q & A • Short quiz *Assessment: Portfolio about the role of science and technology in Philippines*
7 – 8	The Human Person flourishing in terms of science and technology	A – Analyze the human condition in order to deeply reflect and express philosophical ramifications that are meaningful to the students as part of society S – Critique human flourishing vis – a – vis the progress of science and technology so that the student can define for himself/herself the meaning of the good life through vlogging or any means K – Discuss the human flourishing in terms of science and technology	Asynchronous • Pre – recorded lecture video with PDF file learning materials • Open forum for Q & A Off – Class consultation hours through FB page or FB Group chat *Assessment: Take home Essay type Exam*
9	The Good Life	A – Examine shared concerns that make up the good life in order to come up with innovative, creative solutions to contemporary issues guided by ethical standards S – Evaluate some issues that make up good life and share in class through videos or PowerPoint presentation K – Identify roles of scientific culture in modern society	Social Media Interaction Synchronous • Open Forum • Presentation of Output • Video Conferencing
10	When technology and humanity cross	A – Examine contemporary human experience in order to strengthen and enlighten the human person functioning in society S – Evaluate how technology affects human life K - Discuss and identify the pros and cons of technology to today's world especially to the young ones	Mobile learning Social Media learning Off – Class consultation

11 – 12	Why does the future not need us?	**A –** Evaluate contemporary human experience in order to strengthen and enlighten the human person functioning in society **S –** Reflect why does the future not need us? **K –** Examine local government policies that protect the well-being of the person in the face of new technology	Asynchronous • Pre – recorded lecture video with PDF file learning materials • Open forum for Q & A • Short quiz
13 -14	The Information Age	**A –** Linked learned concepts to the development of the information age and its impact on society **S –** Illustrate how the social media and the information age have impacted our lives **K –** Discuss the history of technology and it involves	Synchronous • Video conferencing through google meet or zoom • Chat discussion • Scheduled Unit test
15 -16	Biodiversity and the Healthy Society	**A –** Determine the interrelatedness of society, environment and health **S –** Discuss the ethics and implications of GMOs and potential future impacts **K –** Analyze how Science and technology affects the environment and health of human life	Asynchronous • Pre – recorded lecture video with PDF file learning materials and other sources • Open forum for Q & A • Short quiz • Timely feedback • Discussion forum/ virtual chats
17 – 18	Gene Therapy, Culminating Activity	**A –** Describe the gene therapy and its various forms **S –** Assess the issue's potential benefits and detriments to global health **K –** Research, present and make a stand on S & T issues that currently affect Philippine society	Synchronous • Video conferencing through google meet or zoom • Q and A Forum • Online Exam *Assessment: Research Paper*

C. COURSE REQUIREMENTS AND GRADING SYSTEM

Course Requirements	At the end of the course, the students can be able to pass all the required outputs from the given subject topics, demonstrate and explain the given report and research topics. Students are given some time to do some research and it will be evaluated and check after a week. Video presentation and paper works are expected.
Grading System	*Major Examinations (Mid-Term/ Final)……* *40%* *Project…………………………..…………….* *20 %* *Learning Activities……………………….....* *15%* *Practice Task ……………………………….* *15%* Cut-off or required grade in relation to the course/ program standard is __83%__

	Assignments...……………………………..… __10%__
	Final Grade = 100%

D. CLASS POLICIES (SPECIFIC TO THE COURSE)	
Chat & Video Conference Guidelines	1. Everyone should use proper writing style in a polite manner. 2. Find a conducive place during video conferencing (far from distraction – televisions, sounds of vehicles and etc.) 3. Maintain eye contact during video conferencing. Everyone should turn on their cameras all the time. 4. Avoid multi tasking activities during the session (Ex. Watching tv, utube, eating) 5. Wear proper attire during the entire session. 6. Listen carefully when someone is talking and be respectful. 7. Turn off the microphone unless you are called by your instructor. 8. Raise your hand virtually using the emoticon if you want to speak.
Attendance, Assignments and Submission Policies	Students are required to observe attendance during the virtual meeting through the google form given by the instructor. Assignments and their submission are to be on time as announced or as scheduled in the class sessions.
Academic Mentoring, Coaching and Consultation	Consultation time depends on the availability of the instructor. Students can freely email her anytime.