



**CREATIVE LEARNING PLANS, SY 2020-2021**

**FIRST YEAR**

**1st Semester, SY 2020-2021**

Year Level	Course/s (Lecture/Laboratory/ Internship/Research)	Period covered	Teaching strategies/approaches	Instructional materials/platforms needed	Learning models	Number of faculty/NTP needed
1st	Principles of Medical Laboratory Science Practice 1 (Lecture)	August – December 2020 (Online class)	Lectures Group activities Small group discussion Assessments (Diagnostic, Formative and Summative)	PMLS1 reference book PowerPoint presentation Video presentation Blackboard LMS	Direct instruction/ Experiential learning/ Collaborative learning	FACULTY: 1 per class
1st	Human Anatomy and Physiology with Pathophysiology (Lecture)	August – December 2020 (Online class)	Lectures Small group discussion Assessments (Diagnostic, Formative and Summative)	Human Anatomy and Physiology reference book PowerPoint presentation Library Journal Access Blackboard LMS	Direct instruction/ Experiential learning/ Collaborative learning	FACULTY: 1 per class
1st	Human Anatomy and Physiology with Pathophysiology (Laboratory)	August to September 2020 (Online class)  October – December 2020 (Face to face classes)	Pre - laboratory discussion Group activities Simulation Assessments (Diagnostic, Formative and Summative) Team teaching or Parallel teaching	Human Anatomy and Physiology Laboratory Manual PowerPoint presentation Video presentation Blackboard LMS	Experiential learning/ Hands – on learning/ Collaborative learning	FACULTY: 2 per class  NTP: 2 laboratory technicians



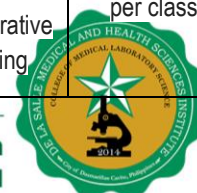


### 2<sup>nd</sup> semester, SY 2020-2021

Year Level	Course/s (Lecture/Laboratory/ Internship/Research)	Period covered	Teaching strategies/approaches	Instructional materials/platforms needed	Learning models	Number of faculty/NTP needed
1 <sup>st</sup>	Community and Public Health for Med Lab Science (Lecture)	January – May 2021 (Online class)	Lectures Group activities Small group discussion Assessments (Diagnostic, Formative and Summative)	CPH reference book PowerPoint presentation Video presentation Blackboard LMS	Direct instruction/ Experiential learning/ Collaborative learning	FACULTY: 1 per class
1 <sup>st</sup>	Community and Public Health for Med Lab Science (Laboratory)	January to February 2020 (Online class)  March – May 2021 (Face to face classes)	Pre - laboratory discussion Group activities Situational analysis Assessments (Diagnostic, Formative and Summative) Team teaching or Parallel teaching	CPH Laboratory Manual PowerPoint presentation Blackboard LMS	Experiential learning/ Hands – on learning/ Collaborative learning	FACULTY: 2 per class

### Mid-year Term SY 2020-2021

Year Level	Course/s (Lecture/Laboratory/ Internship/Research)	Period covered	Teaching strategies/approaches	Instructional materials/platforms needed	Learning models	Number of faculty/NTP needed
1 <sup>st</sup>	Health Information System for Med Lab Science (Lecture)	June – July 2021 (Online class)	Lectures Group activities Small group discussion Assessments (Diagnostic, Formative and Summative)	HIS reference book PowerPoint presentation Video presentation Blackboard LMS	Direct instruction/ Collaborative learning	FACULTY: 1 per class
1 <sup>st</sup>	Health Information System for Med Lab Science (Laboratory)	June – July 2021 (Online class)	Pre - laboratory discussion Group activities Simulation Assessments (Diagnostic, Formative and Summative) Team teaching or Parallel teaching	PowerPoint presentation Blackboard LMS BizBox	Experiential learning/ Hands – on learning/ Collaborative learning	FACULTY: 2 per class
1 <sup>st</sup>	Principles of Medical Laboratory Science Practice 2 (Lecture)	June – July 2021 (Online class)	Lectures Group activities Assessments (Diagnostic, Formative and Summative)	PMLS2 reference book PowerPoint presentation Video presentation Blackboard LMS	Direct instruction/ Collaborative learning	FACULTY: 1 per class





1st	Principles of Medical Laboratory Science Practice 2 (Laboratory)	June 2021 (Online class) July 2021 (Face to face classes)	Pre - laboratory discussion Simulation Assessments (Diagnostic, Formative and Summative) Team teaching or Parallel teaching	PMLS2 Laboratory Manual PowerPoint presentation Video presentation Blackboard LMS	Experiential learning/ Hands – on learning	FACULTY: 2 per class  NTP: 2 laboratory technicians
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### SECOND YEAR

#### 1st Semester, SY 2020-2021

Year Level	Course/s (Lecture/Laboratory/ Internship/Research)	Period covered	Teaching strategies/approaches	Instructional materials/platforms needed	Learning models	Number of faculty/NTP needed
2nd	Biochemistry for Medical Laboratory Science (Lecture)	August – December 2020	Lectures Group activities Small group discussion Assessments (Diagnostic, Formative and Summative)	Reference book PowerPoint presentation Video presentation Blackboard LMS	Direct instruction/ Experiential learning/ Collaborative learning	FACULTY: 1 per class
2nd	Biochemistry for Medical Laboratory Science (Laboratory)	August – October 2020 (on-line) October - December 2020 (on-site)	Laboratory Discussion Group activities Small group discussion Assessments (Diagnostic, Formative and Summative), Team teaching or Parallel teaching	Laboratory manual PowerPoint presentation Video presentation Blackboard LMS	Experiential learning/ Hands – on learning/ Collaborative learning	FACULTY: 2 per class NTP: 2 laboratory technicians
2nd	Biostatistics and Epidemiology (Lecture)	August – December 2020	Lectures Group activities Small group discussion Assessments (Diagnostic, Formative and Summative)	Learning modules PowerPoint presentation Video presentation Blackboard LMS	Direct instruction/ Experiential learning/ Collaborative learning	FACULTY: 1 per class
2nd	Biostatistics and Epidemiology (Laboratory)	August – December 2020	Laboratory Discussion Group activities Small group discussion Assessments (Diagnostic, Formative and Summative), Team teaching or Parallel teaching	Laboratory manual PowerPoint presentation Video presentation Blackboard LMS	Experiential learning/ Collaborative learning	FACULTY: 2 per class NTP: 2 laboratory technicians





2 <sup>nd</sup>	Principles of Medical Laboratory Science Practice 2 (Clinical Laboratory Assistance and Phlebotomy) (Lecture)	August – December 2020	Lectures Group activities Small group discussion Assessments (Diagnostic, Formative and Summative)	Learning modules PowerPoint presentation Video presentation Blackboard LMS	Direct instruction/ Experiential learning/ Collaborative learning	FACULTY: 2 per class NTP: 2 laboratory technicians
2 <sup>nd</sup>	Principles of Medical Laboratory Science Practice 2 (Clinical Laboratory Assistance and Phlebotomy) (Laboratory)	August – October 2020 (on-line) October - December 2020 (on-site)	Laboratory Discussion Group activities Small group discussion Assessments (Diagnostic, Formative and Summative), Team teaching or Parallel teaching	Laboratory manual PowerPoint presentation Video presentation Blackboard LMS	Experiential learning/ Hands – on learning/ Collaborative learning	FACULTY: 2 per class NTP: 2 laboratory technicians
2 <sup>nd</sup>	Laboratory Management	August – December 2020	Lectures Group activities Small group discussion Assessments (Diagnostic, Formative and Summative)	Learning modules PowerPoint presentation Video presentation Blackboard LMS	Direct instruction/ Experiential learning/ Collaborative learning	FACULTY: 1 per class
2 <sup>nd</sup>	Cytogenetics	August – December 2020	Lectures Group activities Small group discussion Assessments (Diagnostic, Formative and Summative)	Learning modules PowerPoint presentation Video presentation Blackboard LMS	Direct instruction/ Experiential learning/ Collaborative learning	FACULTY: 1 per class

### 2<sup>nd</sup> semester, SY 2020-2021

Year Level	Course/s (Lecture/Laboratory/ Internship/Research)	Period covered	Teaching strategies/approaches	Instructional materials/platforms needed	Learning models	Number of faculty/NTP needed
2 <sup>nd</sup>	Clinical Parasitology (Lecture)	January – May 2021	Lectures Group activities Small group discussion Assessments (Diagnostic, Formative and Summative)	Reference book PowerPoint presentation Video presentation Blackboard LMS	Direct instruction/ Experiential learning/ Collaborative learning	FACULTY: 1 per class
2 <sup>nd</sup>	Clinical Parasitology (Laboratory)	January - March 2021 (on-line)	Laboratory Discussion Group activities Small group discussion Assessments (Diagnostic, Formative and Summative), Team teaching or Parallel teaching	Laboratory manual PowerPoint presentation Video presentation Blackboard LMS	Experiential learning/ Hands – on learning/ Collaborative learning	FACULTY: 2 per class NTP: 2 laboratory technicians





		March – May 2021 (on-site)				
2 <sup>nd</sup>	Human Histology (Lecture)	January – May 2021	Lectures Group activities Small group discussion Assessments (Diagnostic, Formative and Summative)	Learning modules PowerPoint presentation Video presentation Blackboard LMS	Direct instruction/ Experiential learning/ Collaborative learning	FACULTY: 1 per class
2 <sup>nd</sup>	Human Histology (Laboratory)	January - March 2021 (on-line)  March – May 2021 (on-site)	Laboratory Discussion Group activities Small group discussion Assessments (Diagnostic, Formative and Summative), Team teaching or Parallel teaching	Laboratory manual PowerPoint presentation Video presentation Blackboard LMS	Experiential learning/ Collaborative learning	FACULTY: 2 per class NTP: 2 laboratory technicians
2 <sup>nd</sup>	Medical Technology Laws and Bioethics	January – May 2021	Lectures Group activities Small group discussion Assessments (Diagnostic, Formative and Summative)	Learning modules PowerPoint presentation Video presentation Blackboard LMS	Direct instruction/ Experiential learning/ Collaborative learning	FACULTY: 1 per class

### THIRD YEAR

#### 1<sup>st</sup> Semester, SY 2020-2021

Year Level	Course/s (Lecture/ Laboratory/ Internship/ Research)	Period covered	Teaching strategies/ approaches	Instructional materials/ platforms needed	Learning models	Number of faculty/NTP needed
3	LECTURE (Clinical Chemistry 1, Clinical Bacteriology, Analysis of Urine and Other Body Fluids, Hematology 1, Histopathologic Technique, Intro to Med Lab Science Research)	August to December 2020	<ul style="list-style-type: none"> <li>Lectures</li> <li>Case Studies</li> <li>Group Activities</li> <li>Small Group Discussion</li> <li>Research/Journal Critique</li> <li>Assessments (Diagnostic, Formative and Summative)</li> <li>Webinars</li> <li>Videos</li> </ul>	<ul style="list-style-type: none"> <li>Reference book per subject</li> <li>PowerPoint presentations</li> <li>Library Journal Access</li> <li>Video presentation</li> <li>Blackboard LMS</li> </ul>	Direct instruction/ Collaborative learning	Faculty: 1 for each class





LABORATORY (Clinical Chemistry 1, Clinical Bacteriology, Analysis of Urine and Other Body Fluids, Hematology 1, Histopathologic Technique, Intro to Med Lab Science Research)	Pre-Lab Discussions : August to September 2020  Lab Return Demo: October to December 2020	<ul style="list-style-type: none"> <li>Pre-Laboratory Discussion</li> <li>Laboratory Activities</li> <li>Simulation</li> <li>Assessments (Diagnostic, Formative and Summative)</li> <li>Demo Teaching</li> <li>Case Studies</li> <li>Videos</li> </ul>	<ul style="list-style-type: none"> <li>Laboratory Manual for each subject</li> <li>Laboratory Supplies</li> <li>PowerPoint presentations</li> <li>Video presentations</li> <li>Blackboard LMS</li> </ul>	Experiential learning/ Hands on learning/ Collaborative learning	Faculty: 2 for each class per subject  NTP: 2 for each class per subject
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### 2<sup>nd</sup> semester, SY 2020-2021

Year Level	Course/s (Lecture/ Laboratory/ Internship/ Research)	Period covered	Teaching strategies/ approaches	Instructional materials/ platforms needed	Learning models	Number of faculty/NTP needed
3	LECTURE (Clinical Chemistry 2, Hematology 2, Immunology and Serology, Immunohematology, Molecular Biology, Mycology and Virology, Med Lab Science Research Paper Writing)	January to May 2021	<ul style="list-style-type: none"> <li>Lectures</li> <li>Case Studies</li> <li>Group Activities</li> <li>Small Group Discussion</li> <li>Research/Journal Critique</li> <li>Assessments (Diagnostic, Formative and Summative)</li> <li>Webinars</li> <li>Videos</li> </ul>	<ul style="list-style-type: none"> <li>Reference book for each subject</li> <li>PowerPoint presentations</li> <li>Library Journal Access</li> <li>Video presentation</li> <li>Blackboard LMS</li> </ul>	Direct instruction/ Collaborative learning	Faculty: 1 for each class
	LABORATORY (Clinical Chemistry 2, Hematology 2, Immunology and Serology, Immunohematology, Molecular Biology, Mycology and Virology, Med Lab Science Research Paper Writing)	Pre-Lab Discussions: January to February 2021  Lab Return Demo: March to May 2021	<ul style="list-style-type: none"> <li>Laboratory Discussion</li> <li>Laboratory Activities</li> <li>Simulation</li> <li>Assessments (Diagnostic, Formative and Summative)</li> <li>Demo Teaching</li> <li>Case Studies</li> <li>Videos</li> </ul>	<ul style="list-style-type: none"> <li>Laboratory Manual for each subject</li> <li>Laboratory Supplies</li> <li>PowerPoint presentations</li> <li>Video presentations</li> <li>Blackboard LMS</li> </ul>	Experiential learning/ Hands on learning/ Collaborative learning	Faculty: 2 for each class per subject  NTP: 2 for each class per subject





### FOURTH YEAR

1<sup>st</sup> Semester, SY 2020-2021

Year Level	Course/s (Lecture/Laboratory/ Internship/Research)	Period covered	Teaching strategies/approaches	Instructional materials/platforms needed	Learning models	Number of faculty/NTP needed
4 <sup>th</sup>	Lectures (Seminar 1 and CPAP)	June to September (online)	Lecture discussion	Review materials, Computer, Headset/Moodle, LMS or Zoom	Hands on learning activities, cases, drills	Faculty: 1

\*2<sup>nd</sup> semester – no students

### INTERNSHIP

1<sup>st</sup> Semester, SY 2020-2021

Year Level	Course/s (Lecture/Laboratory/ Internship/Research)	Period covered	Teaching strategies/approaches	Instructional materials/platforms needed	Learning models	Number of faculty/NTP needed
4 <sup>th</sup>	Internship	May – November 2020	Learner Center / Indirect Guided / Professional Development / Cooperative Learning / Inquiry Based Instruction / Behaviour Management	Black Board LMS / Webinar / Library Journal Access	Direct Instruction / Collaborative Projects / Hands On Learning / Experiential Learning	1

2<sup>nd</sup> semester, SY 2020-2021

Year Level	Course/s (Lecture/Laboratory/ Internship/Research)	Period covered	Teaching strategies/approaches	Instructional materials/platforms needed	Learning models	Number of faculty/NTP needed
4 <sup>th</sup>	Internship	-	No Interns	-	--	-





### Mid-year Term SY 2020-2021

Year Level	Course/s (Lecture/Laboratory/ Internship/Research)	Period covered	Teaching strategies/approaches	Instructional materials/platforms needed	Learning models	Number of faculty/NTP needed
4 <sup>th</sup>	Internship	May –June 2020	Learner Center / Indirect Guided / Professional Development / Cooperative Learning / Inquiry Based Instruction / Behaviour Management	Black Board Lms / Webinar / Library Journal Access	Direct Instruction / Collaborative Projects / Hands On Learning / Experiential Learning	10 (Estimate)

\* We are following the Guidelines and Recommendation of IATF, CHED, PASMETH, local government unit and our Institution. The incoming interns are not yet allowed to be deployed in the hospital. We are still waiting for the updates from authorities the go signal if interns / clerks are safe to deploy in their duties. Once the go signal is given, interns shall start immediately their rotation in the hospital laboratory where they are assigned. For now, the Clinical Instructor/s will create and provide alternative on-line activities for the interns.

### RESEARCH

#### 1<sup>st</sup> Semester, SY 2020-2021

Year Level	Course/s (Lecture/Laboratory/ Internship/Research)	Period covered	Teaching strategies/approaches	Instructional materials/platforms needed	Learning models	Number of faculty/NTP needed
3 <sup>rd</sup> year	Research I (Proposal Defense)  all studies should be descriptive	November to December 2020	Presentation Panel Cooperative	Interactive using virtual app  For re-defense: face to face (GCQ status)	Experiential Collaborative	Faculty: 2 (facilitator) Panelist: 1 ethical committee, 3 technical

#### 2<sup>nd</sup> semester, SY 2020-2021

Year Level	Course/s (Lecture/Laboratory/ Internship/Research)	Period covered	Teaching strategies/approaches	Instructional materials/platforms needed	Learning models	Number of faculty/NTP needed
3 <sup>rd</sup> year	Research II (Thesis Defense)	February to March 2021	Presentation Panel Cooperative	Interactive using video conferencing app  For re-defense: face to face (GCQ status)	Experiential Collaborative	Faculty: 2 (facilitator) Panelist: 1 ethical committee, 3 technical








# DE LA SALLE MEDICAL AND HEALTH SCIENCES INSTITUTE

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## ACADEMICS COLLEGE OF MEDICAL LABORATORY SCIENCE

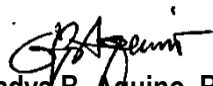
Prepared:

  
**Joseph B. Ancla, RMT**

Chair, Professional Education Year Level 1

  
**Clarence Witty H. Mendoza, RMT, MSMT**

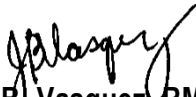
Chair, Professional Education Year Level 2

  
**Ma. Gladys B. Aquino, RMT, LPT, MPH, MSMT**


Chair, Professional Education Year Level 4

  
**Arianne Rose A. Lim, RMT**

Incoming Chair, Professional Education Year Level 1


  
**Jomel B. Vasquez, RMT, MSMT**

Vice Dean

  
**Leonardo D.G. Macam, RMT, MPH**

Chair, Research and Development

Endorsed:

  
**Rolando M. Reyes, RMT, MD, MHPed, FPCS, FPSGS, FPALES**

Dean, College of Medical Laboratory Science

