

Republic of the Philippines
Department of Education
Region X
CAGAYAN DE ORO CITY DIVISION

Fr. William F. Masterson, S.J. Avenue,
Brgy. Upper Balulang, Cagayan de Oro City, 9000 Philippines

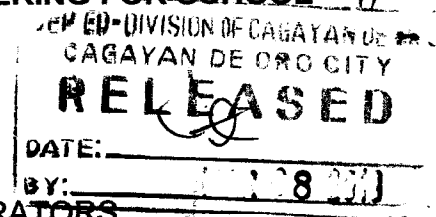


Division Memorandum

No. 189 s. 2019

DIVISION UNIFIED SENIOR HIGH SCHOOL SUBJECTS OFFERING FOR SCHOOL YEAR 2019-2020 ²¹¹

To: PUBLIC SECONDARY SCHOOL HEADS
PRIVATE SECONDARY SCHOOL HEADS
TECHNICAL VOCATIONAL INSTITUTIONS ADMINISTRATORS
This Division



1. The field is hereby informed that starting School Year 2019-2020, all Grade 11 Learners will adopt the Division Initiative on Unified Senior High School Subjects offering in Academic and Technical Vocational and Livelihood Strands.
2. This initiative aims to:
 - a. facilitate the completion of core, applied and specialized subjects once the Senior High School learners will transfer to other schools within the division;
 - b. increase survival rate and
 - c. decrease drop-out rate both in the public and private Senior High Schools.
3. Enclosed is the approved division unified subjects offering for Academic and Technical Vocational and Livelihood Strands
4. For information, guidance and compliance.


JONATHAN S. DELA PEÑA, PhD., CESO V
Schools Division Superintendent

To be indicated in the Perpetual Index under the following subjects:
SHS Program Division Initiative- Subject Offerings
cid/ jsm

SUGGESTED ACADEMIC TRACK - HUMANITIES AND SOCIAL SCIENCES (HUMMS) STRAND SCHEDULING OF SUBJECTS *

| HUMMS | | GRADE 11 SCHOOL YEAR 2019-2020 | | GRADE 12 SCHOOL YEAR 2020-2021 ONWARDS | | | |
|--|--|--|--|---|--|--|--|
| 1ST SEMESTER | | 2ND SEMESTER | | 1ST SEMESTER | | 2ND SEMESTER | |
| ORAL COMMUNICATION IN CONTEXT | | READING AND WRITING SKILLS | | 21ST CENTURY LITERATURE FROM THE PHILIPPINES AND THE WORLD | | PHYSICAL EDUCATION AND HEALTH 4 | |
| KOMUNIKASYON AT PANANALIKSIK SA WIKA AT KULTURANG PILIPINO | | PAGBASA AT PAGSUSURI NG IBA'T IBANG TEKSTO TUNGO SA PANANALIKSIK | | INTRODUCTION TO THE PHILOSOPHY OF THE HUMAN PERSON/PAMBUNGAD SA PILOSOPHYA NG TAO | | DISASTER READINESS AND RISK REDUCTION (DRRR) | |
| GENERAL MATHEMATICS | | STATISTICS AND PROBABILITY | | CONTEMPORARY PHILIPPINE ARTS FROM THE REGIONS | | INQUIRIES , IMMERSION AND INVESTIGATION | |
| EARTH AND SCIENCE | | PHYSICAL SCIENCE | | MEDIA AND INFORMATION LITERACY | | | |
| PERSONAL DEVELOPMENT/PANSALIRING KAUNLARAN | | PHYSICAL EDUCATION AND HEALTH 2 | | PHYSICAL EDUCATION AND HEALTH 3 | | | |
| UNDERSTANDING CULTURE , SOCIETY AND POLITICS | | | | | | | |
| PHYSICAL EDUCATION AND HEALTH 1 | | | | | | | |
| PHILIPPINE POLITICS AND GOVERNANCE | | TRENDS , NETWORK AND CRITICAL THINKING | | DISCIPLINES AND IDEAS IN SOCIAL SCIENCES | | DISCIPLINES AND IDEAS IN APPLIED SCIENCES | |
| PRACTICAL RESEARCH 1 | | CREATIVE WRITING | | CREATIVE NON-FRICTION PRACTICAL RESEARCH 2 | | COMMUNITY ENGAGEMENT, SOLIDARITY AND CITIZENSHIP | |
| ENGLISH FOR ACADEMIC AND PROFESSIONAL PURPOSES | | INTRODUCTION TO WORL RELIGION AND BELIEF SYSTEM | | ENTREPRENUERSHIP | | RESEARCH PROJECT/ CULMINATING ACTIVITY | |
| EMPOWERMENT TECHNOLOGIES (E-TECH) | | | | FILIPINO SA PILING LARANGAN | | | |
| HOURS PER DAY | | 6.6 | | 5.8 | | 5.8 | |

SUGGESTED ACADEMIC TRACK - ACCOUNTANCY , BUSINESS AND MANAGEMENT (ABM) STRAND SCHEDULING OF SUBJECTS *

| ABM | GRADE 11 SCHOOL YEAR 2019-2020 | | GRADE 12 SCHOOL YEAR 2020-2021 ONWARDS | |
|-------------------------|--|---|---|--|
| | 1ST SEMESTER | 2ND SEMESTER | 1ST SEMESTER | 2ND SEMESTER |
| CORE SUBJECT | ORAL COMMUNICATION IN CONTEXT | READING AND WRITING SKILLS | 21ST CENTURY LITERATURE FROM THE PHILIPPINES AND THE WORLD | PHYSICAL EDUCATION AND HEALTH 4 |
| | KOMUNIKASYON AT PANANALIKSIK SA WIKA AT KULTURANG PILIPINO | PAGBASA AT PAGSUSURI NG IBA'T IBANG TEKSTO TUNGO SA PANANALIKSIK | INTRODUCTION TO THE PHILOSOPHY OF THE HUMAN PERSON/PAMBUNGAD SA PILOSOPHYA NG TAO | DISASTER READINESS AND RISK REDUCTION |
| | GENERAL MATHEMATICS | STATISTICS AND PROBABILITY | CONTEMPORARY PHILIPPINE ARTS FROM THE REGIONS | |
| | EARTH AND SCIENCE | PHYSICAL SCIENCE | MEDIA AND INFORMATION LITERACY | |
| | PERSONAL DEVELOPMENT/PANSALIRING KAUNLARAN | PHYSICAL EDUCATION AND HEALTH 2 | PHYSICAL EDUCATION AND HEALTH 3 | |
| | UNDERSTANDING CULTURE , SOCIETY AND POLITICS | | | |
| | PHYSICAL EDUCATION AND HEALTH 1 | | | |
| | ENGLISH FOR ACADEMIC AND PROFESSIONAL PURPOSES | EMPOWERMENT TECHNOLOGIES (E-TECH): ICT FOR PROFESSIONAL TRACKS | | RESEARCH PROJECT |
| | RESEARCH IN DAILY LIFE 1 | RESEARCH IN DAILY LIFE 2 | ENTREPRENUERSHIP | PAGSULAT SA FILIPINO SA PILING LARANGAN (AKADEMIK) IMMERSION , INQUIRIES & INVESTIGATION |
| | FUNDAMENTALS OF ACCOUNTING, BUSINESS AND MANAGEMENT 1 | BUSINESS MATH | BUSINESS FINANCE | APPLIED ECONOMICS BUSINESS ETHICS AND SOCIAL RESPONSIBILITY |
| SPECIALIZATION SUBJECTS | | ORGANIZATION AND MANAGEMENT FUNDAMENTALS OF ACCOUNTING, BUSINESS AND MANAGEMENT 2 | PRINCIPLES OF MARKETING | |
| | | | BUSINESS ENTERPRISE SIMULATION | |
| | | | | |
| HOURS PER DAY | 6.6 | 6.6 | 5.8 | 5.8 |

SUGGESTED ACADEMIC TRACK - SCIENCE & TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM) STRAND SCHEDULING OF SUBJECTS *

| STEM | | GRADE 11 SCHOOL YEAR 2019-2020 | | GRADE 12 SCHOOL YEAR 2020-2021 ONWARDS | | | |
|-------------------------|--|--|--|---|---------------------------------|--------------|--|
| 1ST SEMESTER | | 2ND SEMESTER | | 1ST SEMESTER | | 2ND SEMESTER | |
| CORE SUBJECT | ORAL COMMUNICATION IN CONTEXT | READING AND WRITING SKILLS | 21ST CENTURY LITERATURE FROM THE PHILIPPINES AND THE WORLD | PHYSICAL EDUCATION AND HEALTH 4 | | | |
| | KOMUNIKASYON AT PANANALIKSIK SA WIKA AT KULTURANG PILIPINO | PAGBASA AT PAGSUSURI NG IBA'T IBANG TEKSTO TUNGO SA PANANALIKSIK | INTRODUCTION TO THE PHILOSOPHY OF THE HUMAN PERSON/PAMBUNGAD SA PILOSOPHIYA NG TAO | DISASTER READINESS AND RISK REDUCTION | | | |
| | GENERAL MATHEMATICS | STATISTICS AND PROBABILITY | CONTEMPORARY PHILIPPINE ARTS FROM THE REGIONS | | | | |
| | EARTH AND SCIENCE | PHYSICAL SCIENCE | MEDIA AND INFORMATION LITERACY | | | | |
| | PERSONAL DEVELOPMENT/PANSALIRING KAUNLARAN | PHYSICAL EDUCATION AND HEALTH 2 | PHYSICAL EDUCATION AND HEALTH 3 | | | | |
| | UNDERSTANDING CULTURE, SOCIETY AND POLITICS | | | | | | |
| | PHYSICAL EDUCATION AND HEALTH 1 | | | | | | |
| | EMPOWERMENT TECHNOLOGIES (E-TECH) | BASIC CALCULUS | FILIPINO SA PILING LARANGAN (AKADEMIK) | ENTREPRENEURSHIP | | | |
| | | GENERAL BIOLOGY | ENGLISH FOR ACADEMIC AND PROFESSIONAL PURPOSES | INQUIRIES, INVESTIGATION AND IMMERSIONS | | | |
| | APPLIED SUBJECT | | PRACTICAL RESEARCH 2 | | | | |
| SPECIALIZATION SUBJECTS | PRE-CALCULUS | GENERAL PHYSICS | GENERAL CHEMISTRY 2 | GENERAL CHEMISTRY 2 | | | |
| | GENERAL CHEMISTRY | | GENERAL BIOLOGY 2 | GENERAL PHYSICS 2 | WORK IMMERSION | | |
| | | | | | RESEARCH / CULMINATING ACTIVITY | | |
| HOURS PER DAY | | | | | | | |

SUGGESTED ACADEMIC TRACK - GENERAL ACADEMIC STRAND (GAS) STRAND SCHEDULING OF SUBJECTS *

| | | GRADE 11 SCHOOL YEAR 2019-2020 | | GRADE 12 SCHOOL YEAR 2020-2021 ONWARDS | |
|--------------------------------|--|---|---|--|--|
| GAS | 1ST SEMESTER | 2ND SEMESTER | 1ST SEMESTER | 2ND SEMESTER | |
| | ORAL COMMUNICATION IN CONTEXT | READING AND WRITING SKILLS | 21ST CENTURY LITERATURE FROM THE PHILIPPINES AND THE WORLD | PHYSICAL EDUCATION AND HEALTH 4 | |
| | KOMUNIKASYON AT PANANALIKSIK SA WIKA AT KULTURANG PILIPINO | PAGBASA AT PAGSUSURI NG IBAT IBANG TEKSTO TUNGO SA PANANALIKSIK | INTRODUCTION TO THE PHILOSOPHY OF THE HUMAN PERSON/PAMBUNGAD SA PILOSOPHYA NG TAO | DISASTER READINESS AND RISK REDUCTION | |
| | GENERAL MATHEMATICS | STATISTICS AND PROBABILITY | CONTEMPORARY PHILIPPINE ARTS FROM THE REGIONS | | |
| | EARTH AND SCIENCE | PHYSICAL SCIENCE | MEDIA AND INFORMATION LITERACY | | |
| | PERSONAL DEVELOPMENT/PANSALIRING KAUNLARAN | PHYSICAL EDUCATION AND HEALTH 2 | PHYSICAL EDUCATION AND HEALTH 3 | | |
| | UNDERSTANDING CULTURE, SOCIETY AND POLITICS | | | | |
| | PHYSICAL EDUCATION AND HEALTH 1 | | | | |
| | PHILIPPINE POLITICS AND GOVERNANCE | TRENDS, NETWORK AND CRITICAL THINKING | DISCIPLINES AND IDEAS IN SOCIAL SCIENCES | DISCIPLINES AND IDEAS IN APPLIED SCIENCES | |
| | PRACTICAL RESEARCH 1 | PRACTICAL RESEARCH 2 | CREATIVE WRITING | COMMUNITY ENGAGEMENT, SOLIDARITY AND CITIZENSHIP | |
| | | | | RESEARCH PROJECT/CULMINATING ACTIVITY | |
| | ENGLISH FOR ACADEMIC AND PROFESSIONAL PURPOSES | INTRODUCTION TO WORLD RELIGION AND BELIEF SYSTEM | ENTREPRENUERSHIP | | |
| | EMPOWERMENT TECHNOLOGIES (E-TECH) | | FILIPINO SA PILING LARANGAN | | |
| HOURS PER DAY | | | | | |
| SPECIALIZATION SUBJECTS | | | | | |

SUGGESTED ACADEMIC TRACK - TECHNICAL - VOCATIONAL (TECH-VOC) INFORMATION AND COMMUNICATION TECH (ICT) STRAND SCHEDULING OF SUBJECTS *

| ICT | | GRADE 11 SCHOL YEAR 2019-2020 | | GRADE 12 SCHOOL YEAR 2020-2021 ONWARDS | |
|-------------------------|--|--|--|--|---------------------------------|
| | | 1ST SEMESTER | 2ND SEMESTER | 1ST SEMESTER | 2ND SEMESTER |
| CORE SUBJECT | ORAL COMMUNICATION IN CONTEXT | READING AND WRITING SKILLS | PAGBASA AT PAGSUSURI NG IBA'T IBANG TEKSTO TUNGO SA PANANALIKSIK | 21ST CENTURY LITERATURE FROM THE PHILIPPINES AND THE WORLD | PHYSICAL EDUCATION AND HEALTH 4 |
| | KOMUNIKASYON AT PANANALIKSIK SA WIKA AT KULTURANG PILIPINO | PAGBASA AT PAGSUSURI NG IBA'T IBANG TEKSTO TUNGO SA PANANALIKSIK | INTRODUCTION TO THE PHILOSOPHY OF THE HUMAN PERSON/PAMBUNGAD SA PILOSOPHIYA NG TAO | DISASTER READINESS AND RISK REDUCTION | |
| | GENERAL MATHEMATICS | STATISTICS AND PROBABILITY | CONTEMPORARY PHILIPPINE ARTS FROM THE REGIONS | | |
| | EARTH AND SCIENCE | PHYSICAL SCIENCE | MEDIA AND INFORMATION LITERACY | | |
| | PERSONAL DEVELOPMENT/PANSALIRING KAUNLARAN | PHYSICAL EDUCATION AND HEALTH 2 | PHYSICAL EDUCATION AND HEALTH 3 | | |
| | UNDERSTANDING CULTURE , SOCIETY AND POLITICS | | | | |
| | PHYSICAL EDUCATION AND HEALTH 1 | | | | |
| | COMPUTER HARDWARE SERVICING | PRACTICAL RESEARCH 1 | FILIPINO SA PILING LARANGAN (TECH-VOC) | INQUIRIES , IMMERSION & INVESTIGATION | |
| | | | RESEARCH PROJECT / CULMINATING ACTIVITY | WORK IMMERSION | |
| | | | PRACTICAL RESEARCH 2 | JDVP - TVL ** REQUIRED FOR TVL TRACK) | |
| APPLIED SUBJECT | | | | | |
| | ILLUSTRATION NC II | ANIMATION NC II | ENTREPRENUERSHIP | NC II ASSESSMENT ** REQUIREMENT FOR WORK IMMERSION | |
| | TECHNICAL DRAFTING NC II | | ENGLISH FOR ACADEMIC AD PROFESSIONAL PURPOSES | | |
| SPECIALIZATION SUBJECTS | | | MEDICAL TRANSCRIPTION NC II | COMPUTER PROGRAMMING NC IV | |
| | | | | | |
| HOURS PER DAY | | | | | |

SUGGESTED ACADEMIC TRACK - TECHNICAL - VOCATIONAL (TECH-VOC) AGRI-FISHERIES STRAND SCHEDULING OF SUBJECTS *

| | | GRADE 11 SCHOL YEAR 2019-2020 | | GRADE 12 SCHOOL YEAR 2020-2021 ONWARDS | |
|-------------------------|--|--|--|---|--|
| AGRI -FISH | | 1ST SEMESTER | 2ND SEMESTER | 1ST SEMESTER | 2ND SEMESTER |
| CORE SUBJECT | ORAL COMMUNICATION IN CONTEXT | READING AND WRITING SKILLS | | 21ST CENTURY LITERATURE FROM THE PHILIPPINES AND THE WORLD | PHYSICAL EDUCATION AND HEALTH 4 |
| | KOMUNIKASYON AT PANANALIKSIK SA WIKA AT KULTURANG PILIPINO | PAGBASA AT PAGSUSURI NG IBA'T IBANG TEKSTO TUNGO SA PANANALIKSIK | | INTRODUCTION TO THE PHILOSOPHY OF THE HUMAN PERSON/PAMBUNGAD SA PILOSOPHYA NG TAO | DISASTER READINESS AND RISK REDUCTION |
| | GENERAL MATHEMATICS | STATISTICS AND PROBABILITY | | CONTEMPORARY PHILIPPINE ARTS FROM THE REGIONS | |
| | EARTH AND SCIENCE | PHYSICAL SCIENCE | | MEDIA AND INFORMATION LITERACY | |
| | PERSONAL DEVELOPMENT/PANSALIRING KAUUNLARAN | PHYSICAL EDUCATION AND HEALTH 2 | | PHYSICAL EDUCATION AND HEALTH 3 | |
| | UNDERSTANDING CULTURE , SOCIETY AND POLITICS | | | | |
| | PHYSICAL EDUCATION AND HEALTH 1 | | | | |
| | EMPOWERMENT TECHNOLOGIESN (FOR TECH-VOC) | FILIPINO SA PILING LARANGAN (FOR TECH-VOC) | | | |
| | PERFORM REECOND KEEPING) | | RESEARCH PROJECT/ CULMINATING ACTIVITY | | ENTREPRENUERSHIP |
| | | | ENGLISHC FOR ACADEMIC AD PROFESSIONAL PURPOSES | | INQUIRIES , IMMERSION & INVESTIGATION |
| APPLIED SUBJECT | | | FISH PRODUCTION | | WORK IMMERSION |
| | AGRICULTURAL CROP PRODUCTION NC1 INTRODUCTION TO CROP PRODUCTION | AGRICULTURAL CROP PRODUCTION NC II | | | |
| | | HORTICULTURE NC III | RUBBER PRODUCTION NC I | | JDVP - TVL ** REQUIRED FOR TVL TRACK) |
| | | ANIMAL HEALTH CARE MANAGEMENT NC III | RUBBER PROCESSING NC II | | NC II ASSESSMENT ** REQUIREMENT FOR WORK IMMERSION |
| SPECIALIZATION SUBJECTS | | | | | |
| HOURS PER DAY | 6.6 | | | | |

SUGGESTED ACADEMIC TRACK - TECHNICAL - VOCATIONAL (TECH-VOC) HOME ECONOMICS STRAND SCHEDULING OF SUBJECTS *

| | | GRADE 11 SCHOOL YEAR 2019-2020 | | GRADE 12 SCHOOL YEAR 2020-2021 ONWARDS | |
|--|--|---|--|--|---------------------------------|
| HE | SPECIALIZATION SUBJECTS | 1ST SEMESTER | 2ND SEMESTER | 1ST SEMESTER | 2ND SEMESTER |
| | | ORAL COMMUNICATION IN CONTEXT | READING AND WRITING SKILLS | 21ST CENTURY LITERATURE FROM THE PHILIPPINES AND THE WORLD | PHYSICAL EDUCATION AND HEALTH 4 |
| KOMUNIKASYON AT PANANALIKSIK SA WIKA AT KULTURANG PILIPINO | PAGBASA AT PAGSUSURI NG IBA'T IBANG TEKSTO TUNGO SA PANANALIKSIK | INTRODUCTION TO THE PHILOSOPHY OF THE HUMAN PERSON/PAMBUNGAD SA PILOSOPHYA NG TAO | DISASTER READINESS AND RISK REDUCTION | | |
| GENERAL MATHEMATICS | STATISTICS AND PROBABILITY | CONTEMPORARY PHILIPPINE ARTS FROM THE REGIONS | | | |
| EARTH AND SCIENCE | PHYSICAL SCIENCE | MEDIA AND INFORMATION LITERACY | | | |
| PERSONAL DEVELOPMENT/PANSALIRING KAUNLARAN | PHYSICAL EDUCATION AND HEALTH 2 | PHYSICAL EDUCATION AND HEALTH 3 | | | |
| UNDERSTANDING CULTURE , SOCIETY AND POLITICS | | | | | |
| PHYSICAL EDUCATION AND HEALTH 1 | | | | | |
| BREAD AND PASTRY PRODUCTION NC II | PRACTICAL RESEARCH 1 | FILIPINO SA PILING LARANGAN (TECH-VOC) | COOKERY NC II | | |
| | | RESEARCH PROJECT / CULMINATING ACTIVITY | WORK IMMERSION | | |
| | | PRACTICAL RESEARCH 2 | JDVP - TVL ** REQUIRED FOR TVL TRACK) | | |
| TECH VOC 1 | FOOD AND BEVERAGE SERVICES NC II | ENTREPRENUERSHIP | INQUIRIES, IMMERSION & INVESTIGATION | | |
| | | ENGLISH FOR ACADEMIC AND PROFESSIONAL PURPOSES | | | |
| | | COOKERY NC II | NC II ASSESSMENT ** REQUIREMENT FOR WORK IMMERSION | | |
| HOURS PER DAY | | | | | |

SUGGESTED ACADEMIC TRACK - TECHNICAL - VOCATIONAL (TECH-VOC) INDUSTRIAL ARTS STRAND SCHEDULING OF SUBJECTS *

| GRADE 11 SCHOL YEAR 2019-2020 | | | GRADE 12 SCHOOL YEAR 2020-2021 ONWARDS | | |
|-------------------------------|--|---|---|--|----------------|
| IA | 1ST SEMESTER | 2ND SEMESTER | 1ST SEMESTER | 2ND SEMESTER | |
| CORE SUBJECT | ORAL COMMUNICATION IN CONTEXT | READING AND WRITING SKILLS | 21ST CENTURY LITERATURE FROM THE PHILIPPINES AND THE WORLD | PHYSICAL EDUCATION AND HEALTH 4 | |
| | KOMUNIKASYON AT PANANALIKSIK SA WIKA AT KULTURANG PILIPINO | PAGBASA AT PAGSUSURI NG IBAT IBANG TEKSTO TUNGO SA PANANALIKSIK | INTRODUCTION TO THE PHILOSOPHY OF THE HUMAN PERSON/PAMBUNGAD SA PILOSOPHYA NG TAO | DISASTER READINESS AND RISK REDUCTION | |
| | GENERAL MATHEMATICS | STATISTICS AND PROBABILITY | CONTEMPORARY PHILIPPINE ARTS FROM THE REGIONS | | |
| | EARTH AND SCIENCE | PHYSICAL SCIENCE | MEDIA AND INFORMATION LITERACY | | |
| | PERSONAL DEVELOPMENT/PANSALIRING KAUNLARAN | PHYSICAL EDUCATION AND HEALTH 2 | PHYSICAL EDUCATION AND HEALTH 3 | | |
| | UNDERSTANDING CULTURE , SOCIETY AND POLITICS | | | | |
| | PHYSICAL EDUCATION AND HEALTH 1 | | | | |
| | ENGLISH FOR ACADEMIC AND PROFESSIONAL PURPOSES | PRACTICAL RESEARCH 2 | RESEARCH PROJECT/ CULMINATING ACTIVITY | EMPOWERMENT TECHNOLOGIES ICT FOR PROFESSIONAL TRACKS | |
| | PRACTICAL RESEARCH 1 | PAGSULAT SA FILIPINO SA PILING LARANGAN | | ENTREPRENUERSHIP INQUIRIES , IMMERSION & INVESTIGATION | |
| | APPLIED SUBJECT | TECH VOC 1 | TECH VOC 3 | TECH VOC 6 | WORK IMMERSION |
| TECH VOC 2 | | TECH VOC 4 | TECH VOC 7 | JDVP - TVL ** REQUIRED FOR TVL TRACK) | |
| | | TECH VOC 5 | TECH VOC 8 | NC II ASSESSMENT ** REQUIREMENT FOR WORK IMMERSION | |
| | | | | | |
| | | | | | |
| SPECIALIZATION SUBJECTS | | | | | |
| | | | | | |
| HOURS PER DAY | | | | | |