



Mechatronics Course Plan

“Block Format”

| <i>Schedule</i> | <i>Course Name</i> | <i>Course #</i> | <i>Prerequisite</i> | <i>Grade</i> | <i>Credit Earned</i> |
|---|---|-----------------|---------------------|--------------|----------------------|
| Semester 1 | | | | | |
| 1st or 3rd | Computer Science | CMP-001 | None | | .5 |
| 2nd or 4th | Robotics I | ROB-001 | None | | .5 |
| Semester 2 | | | | | |
| 1st or 3rd | New Media Development | NMD-001 | None | | .5 |
| 2nd or 4th | Robotics II | ROB-002 | ROB-001 | | .5 |
| Semester 3 | | | | | |
| 1st or 3rd | Computer Programming | CP-001 | None | | .5 |
| 2nd or 4th | University Preparation | SSC-100 | None | | 1/3 |
| Semester 4 | | | | | |
| 1st or 3rd | Navajo Government | NAV-221 | None | | 1/3 |
| 2nd or 4th | Engineering Graphics | ENGR-130 | None | | 1/3 |
| Semester 5 | | | | | |
| 1st or 3rd | Introduction to Psychology | PSY-105 | None | | 1/3 |
| 2nd or 4th | Mobile App Design | MAP-001 | None | | .5 |
| Semester 6 | | | | | |
| 1st or 3rd | Mechatronics Skills USA Prep | MSP-001 | None | | .5 |
| 2nd or 4th | 21 st Century Employability Skills | EMP-001 | None | | .5 |