



TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS

NTC Program: Welding Fabrication & Robotics

Marian University: Technology Education

Minimum GPA: 2.75

Initial Effective Date: Spring, 2018

Four Year Academic Plan

| 1st Semester at NTC | | | 2nd Semester at NTC | | |
|---------------------|----------------------------|-----------|---------------------|-----------------------------------|-----------|
| Course No. | Course Title | Credits | Course No. | Course Title | Credits |
| 10-442-101 | Introduction to Welding | 2 | 10-442-111 | Intro to Welding CNC Applications | 1 |
| 10-442-112 | Weld Print Reading | 2 | 10-442-113 | Welding Fabrication Techniques | 3 |
| 10-442-159 | Gas Metal Arc Welding | 3 | 10-442-158 | Shielded Metal Arc Welding | 2 |
| 10-442-163 | Weld Inspection & Testing | 1 | 10-442-160 | Flux Cored Arc Welding | 3 |
| 10-442-172 | Safety in Manufacturing | 1 | 10-442-161 | Gas Tungsten Arc Welding | 5 |
| 10-442-173 | Thermal Cutting | 1 | 10-606-133 | Solidworks 1 | 1 |
| 10-442-174 | Advanced Metal Arc Welding | 3 | | | |
| 10-804-107 | College Mathematics | 3 | | Total credits | 15 |
| | Total credits | 16 | | | |

| Summer Semester | | |
|-----------------|--|----------|
| Course No. | Course Title | Credits |
| 10-801-195 | Written Communication OR (CURRENT SECOND) | 3 |
| 10-801-136 | English Composition 1 | |
| | Total credits | 3 |

44 [Prog. Credits](#)

14 [Broadbased](#)

18 [General Studies](#)

61 [Marian/NTC classes](#)

137

| 3rd Semester at NTC | | | 4th Semester at NTC | | |
|---------------------|-------------------------------|---------|---------------------|--------------------------------|---------|
| Course No. | Course Title | Credits | Course No. | Course Title | Credits |
| 10-420-101 | Introduction to Machine Shop | 2 | 10-442-140 | Layout & Welding Fabrication 1 | 2 |
| 10-442-141 | Robotic Welding Applications1 | 2 | 10-442-143 | Layout & Welding Fabrication 2 | 2 |
| 10-442-142 | Welding Laser Programming | 1 | 10-442-144 | Robotic Welding Applications 2 | 2 |
| 10-442-145 | Welding Laser Operations | 1 | 10-442-165 | Welding Metallurgy | 1 |
| 10-442-175 | Welding Metal Forming 1 | 1 | 10-442-176 | Welding Metal Forming 2 | 1 |
| 10-442-179 | Solidworks for Welders | 1 | 10-801-197 | Technical Reporting | 3 |
| 10-809-196 | Intro to Diversity Studies | 3 | 10-809-198 | Intro to Psychology OR | 3 |

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|------------|----------------------------------|-----------|------------|-------------------------------|-----------|
| 10-801-196 | Oral/Interpersonal Communication | 3 | 10-809-199 | Psychology of Human Relations | 3 |
| EDU101* | Intro to Education * | 3 | EDU202* | Psychology of Learning* | 3 |
| | Total credits | 17 | | Total credits | 17 |

* Prerequisite for 5th semester classes

| 5th Semester at Marian | | | 6th Semester at Marian | | |
|------------------------|-------------------------------------|-----------|------------------------|---|-----------|
| Course No. | Course Title | Credits | Course No. | Course Title | Credits |
| EDU290 | Intro to Clinical Practice | 3 | SEC360 | Principles of Curr and Assessment in Tech Ed | 3 |
| SPE313 | Educating Exceptional Children | 3 | SEC460 | Methods of Teaching Tech Education | 3 |
| EDU301 | Intercultural Studies for Educators | 3 | 10-809-166 | Intro to Ethics: Theory and Application (NTC class) | 3 |
| 10-801-155 | English Comp 2 (NTC class) | 3 | ENG112 | Intro to Literary Genres | 3 |
| THE101 | Intro to Christian Theology | 3 | POS 205 | American Government | 3 |
| | Total credits | 15 | | Total credits | 15 |

| 7th Semester at Marian | | | 8th Semester at Marian | | | |
|------------------------|-----------------------------------|-----------|------------------------|---------------------------|----------------------|------------|
| Course No. | Course Title | Credits | Course No. | Course Title | Credits | |
| SEC310 | Academic Literacy | 3 | EDU490 | Clinical Practice Seminar | 1 | |
| EDU390 | Preclinical Practice | 3 | EDU498 | Clinical Practice | 12 | |
| ART230 | Survey of Art History 1 <u>OR</u> | 3 | | | | |
| MUS203 | Jazz Survey | | | | | |
| HIS102 | World Civilizations 2 | 3 | | | | |
| | Total credits | 12 | | Total credits | 13 | |
| | | | | | TOTAL CREDITS | 137 |

Marian class while at NTC

NTC class while at Marian

Not needed for Program, may be needed for transfer

| | | | |
|--------------------------------|--|------------|---|
| Economics OR | | 10-809-195 | |
| Think Critically or Creatively | | 10-809-103 | 3 |

Broadfield Courses

*These courses need to be completed for the Marion Technology Education program. Please work with your advisor on a personalized plan.

| Course Title | | Course No. | Credits |
|-------------------------------------|--|------------|---------|
| **Revit for Architectural Design | | 10-614-127 | 2 |
| Biotechnology | | 10-806-130 | 2 |
| Photoshop | | 10-204-126 | 2 |
| Industrial Electronics Technology 1 | | 10-660-123 | 1 |
| Industrial Electronics Technology 2 | | 10-660-124 | 1 |
| SolidWorks 1 | | 10-606-133 | 1 |
| Fluid Power 1 | | 10-612-120 | 1 |
| Fluid Power 2 | | 10-612-121 | 1 |
| Auto Service Fundamentals | | 10-602-107 | 2 |
| **Must be taken Fall semester | | | 13 |

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|----------|---------|----|
| ENG COMP | NTC 155 | 3 |
| PHIL | | 3 |
| LIT | MU | 3 |
| ART | MU | 3 |
| HIS | MU | 3 |
| POS | | 3 |
| THE | MU | 3 |
| EDUC | MU | 40 |
| | | 61 |

Updated on: 08/15/18