

# OSTC Course Names

OSTC has published an Online Course Catalog to help counselors and post-secondary institutions better understand the programs and content offered. As part of this effort, OSTC has developed standardized course names that districts are encouraged to use on their transcripts in order to align with the catalog. This will allow for consistency with the titles, description and department associations provided in the Course Catalog

## NCAA Approved Courses

| Course Name                          | Credit Value                | Department | Campus (NCAA #)                                    |
|--------------------------------------|-----------------------------|------------|--|
| Anatomy/Physiology                   | 1                           | Science    | NE (851175), NW (230631), SE (233259), SW (851174) |
| Biotechnology                        | 1.0 (Year 1 of Agriscience) | Science    | NW (230631), SW (851174)                           |
| Engineering, Robotics & Mechatronics | 1                           | Science    | NE (851175), NW (230631), SE (233259), SW (851174) |
| Physics                              | 1                           | Science    | NW (230631)  |

## OSTC Programs

| Program   | Credit Value      | Graduation Requirement Fulfillment/<br>Department Designation | Campuses    |
|---|-------------------|---|-------------|
| Agriscience & Environmental Technologies            | 3 (See Next Line) | Science/CTE/VPAA  | NW & SW     |
| **YR 1 - 2.0 Agriscience & 1.0 Biotechnology        |                   | Science (for Biotechnology)                                   |             |
| Automotive Technology                               | 3                 | CTE/VPAA  | ALL         |
| Collision Repair & Refinishing                      | 3                 | CTE/VPAA  | ALL         |
| Computer Programming                                | 3                 | CTE/VPAA  | NE, SE & SW |
| Construction Technology                             | 3                 | CTE/VPAA  | NE, NW & SE |
| Cosmetology   | 3 (See Next Line) | CTE/VPAA  | NE          |
| *YR 1 2.0 Cosmetology & 1.0 Functional Biochemistry |                   | Science - Functional Biochemistry                             | NE          |
| Criminal Justice                                    | 3                 | CTE/VPAA  | SE          |
| Culinary Arts & Hospitality                         | 3                 | CTE/VPAA  | ALL         |
| Cybersecurity Networking                            | 3                 | CTE/VPAA  | SE & SW     |
| Energy-Electrical Technologies                      | 3                 | CTE/VPAA  | NW & SE     |
| Engineering, Robotics & Mechatronics                | 3                 | CTE/VPAA  | ALL         |
| Entrepreneurship & Advanced Marketing               | 3                 | CTE/VPAA  | ALL         |
| Graphic & Communication Design                      | 3                 | CTE/VPAA  | NW, SE & SW |
| Health Sciences                                     | 3                 | CTE/VPAA/Science  | ALL         |
| Machining   | 3                 | CTE/VPAA  | NE          |
| Medium/Heavy Truck & Equipment                      | 3                 | CTE/VPAA  | SW          |
| Welding   | 3                 | CTE/VPAA  | NE, SE & SW |

**OaklandSchools**  
TECHNICAL CAMPUSES

OSTCONLINE.COM

**Northeast Campus**  
1371 N. Perry Street  
Pontiac, MI 48340  
248.451.2700  
ostcne.com

**Northwest Campus**  
8211 Big Lake Road  
Clarkston, MI 48346  
248.922.5800  
ostcnw.com

**Southeast Campus**  
5055 Delemere Street  
Royal Oak, MI 48073  
248.288.4020  
ostcse.com

**Southwest Campus**  
1000 Beck Road  
Wixom, MI 48393  
248.668.5600  
ostcsw.com

## Academic Courses

| Program  | Credit or Exchange Value | Graduation Requirement Fulfillment/Department Designation | Campuses  | Year Taken          |
|--|--------------------------|---|---|---------------------|
| Algebra 2 Exchange   | District Discretion      | Math  | *Must be in AutoTech for 2 years to be eligible for the Alg. 2 Exchange | 3rd or 4th Year     |
| Functional Biochemistry  | 1                        | Science   | NE  | Yr 1 of Cosmetology |
| Math for Agriscience & Env. Tech                                   | 1                        | Math  | NW & SW   | 4th Year Math       |
| Math for Automotive Technology                                     | 1                        | Math  | ALL   | 4th Year Math       |
| Math for Collision Repair & Refinishing                            | 1                        | Math  | ALL   | 4th Year Math       |
| Math for Computer Programming                                      | 1                        | Math  | ALL   | 4th Year Math       |
| Math for Construction Technology                                   | 1                        | Math  | NE, NW, SE  | 4th Year Math       |
| Math for Cosmetology   | 1                        | Math  | NE  | 4th Year Math       |
| Math for Criminal Justice  | 1                        | Math  | SE  | 4th Year Math       |
| Math for Culinary Arts & Hospitality                               | 1                        | Math  | ALL   | 4th Year Math       |
| Math for Cybersecurity Networking                                  | 1                        | Math  | SE & SW   | 4th Year Math       |
| Math for Energy & Electrical Technology                            | 1                        | Math  | NW & SE   | 4th Year Math       |
| Math for Engineering, Robotics & Mechatronics                      | 1                        | Math  | ALL   | 4th Year Math       |
| Math for Entrepreneurship & Adv. Marketing                         | 1                        | Math  | ALL   | 4th Year Math       |
| Math for Graphic Communication & Design                            | 1                        | Math  | NW, SE, SW  | 4th Year Math       |
| Math for Health Science  | 1                        | Math  | ALL   | 4th Year Math       |
| Math for Machining   | 1                        | Math  | NE & SW   | 4th Year Math       |
| Math for Medium/Heavy Truck & Equipment                            | 1                        | Math  | SW  | 4th Year Math       |
| Math for Welding   | 1                        | Math  | NE, SE, SW  | 4th Year Math       |
| Personal Finance   | 1                        | CTE   | ALL   | 4th Year            |
| Physics (Engineering, Robotics & Mechatronics)                     | 1                        | Science   | NW  | 4th Year            |
| Precalculus and/or Calculus (Engineering, Robotics & Mechatronics) | 1                        | Math  | NW  | 4th Year            |
| Science for Agriscience & Env. Tech                                | 1                        | Science   | NW & SW   | 4th Year            |
| Science for Automotive Technology                                  | 1                        | Science   | ALL   | 3rd or 4th Year     |
| Science for Collision Repair & Refinishing                         | 1                        | Science   | ALL   | 4th Year            |
| Science for Computer Programming                                   | 1                        | Science   | ALL   | 4th Year            |
| Science for Construction Technology                                | 1                        | Science   | NE, NW, SE  | 4th Year            |
| Science for Cosmetology  | 1                        | Science   | NE  | 3rd or 4th Year     |
| Science for Criminal Justice                                       | 1                        | Science   | SE  | 4th Year            |
| Science for Culinary Arts & Hospitality                            | 1                        | Science   | ALL   | 4th Year            |
| Science for Cybersecurity Networking                               | 1                        | Science   | SE & SW   | 4th Year            |
| Science for Energy & Electrical Technology                         | 1                        | Science   | NW & SE   | 4th Year            |
| Science for Engineering, Robotics & Mechatronics                   | 1                        | Science   | ALL   | 4th Year            |
| Science for Entrepreneurship & Adv. Marketing                      | 1                        | Science   | ALL   | 4th Year            |
| Science for Graphic Communication & Design                         | 1                        | Science   | NW, SE, SW  | 4th Year            |
| Science for Health Science   | 1                        | Science   | ALL   | 4th Year            |
| Science for Machining  | 1                        | Science   | NE & SW   | 4th Year            |
| Science for Medium/Heavy Truck & Equipment                         | 1                        | Science   | SW  | 4th Year            |
| Science for Welding  | 1                        | Science   | NE, SE, SW  | 4th Year            |