

# DeSoto High School

## Programs of Study 2024-2025

| BUSINESS AND INDUSTRY ENDORSEMENT                         |               |                |  |                                   |
|---|---------------|----------------|--|-----------------------------------|
| Agriculture, Food, and Natural Resources Program of Study |               |                |  |                                   |
| Animal Science Pathway                                    |               |                |  |                                   |
| Course Level  | Course Number | Course Credits | Course Title   | Certification Options             |
| Level 1   | 16055         | 1              | Principles of Ag, Food, and Natural Resources                    | OSHA 10 General Industry Safety   |
| Level 2   | 16015         | 0.5            | Small Animal Management <b>(One Semester)</b>                    |                                   |
| Level 2   | 16000         | 0.5            | Equine Science <b>(One Semester)</b>                             |                                   |
| Level 3   | 16013         | 1              | Livestock Production   |                                   |
| Level 3   | 16020         | 1              | Veterinary Medical Applications                                  | Veterinary Medical Applications   |
| Level 4   | 16010         | 1              | Advanced Animal Science**  | Fundamentals of Animal Science    |
| Level 4   | 16060         | 2              | Practicum in Ag, Food, & Natural Resources <b>(Double Block)</b> | Small Animal Science & Technology |

| Agricultural Technology and Mechanical Systems (Previously Welding) |               |                |  |                                 |
|---|---------------|----------------|--|---------------------------------|
| Course Level  | Course Number | Course Credits | Course Title   | Certification Options           |
| Level 1   | 16055         | 1              | Principles of Ag, Food, and Natural Resources                            | OSHA 10 General Industry Safety |
| Level 2   | 16120         | 2              | Agricultural Mechanics and Metal Technologies/Lab <b>(Double Block)</b>  | AWS D1.1 Structural Steel       |
| Level 3   | 16121         | 2              | Agricultural Structures Design and Fabrication/Lab <b>(Double Block)</b> | AWS D9.1 Sheet Metal Welding    |
| Level 4   | 16122         | 2              | Agricultural Equipment Design and Fabrication/Lab <b>(Double Block)</b>  | AWS Certified Welder            |

| BUSINESS AND INDUSTRY ENDORSEMENT                                |          |                |   |                                      |
|--|----------|----------------|---|--------------------------------------|
| Arts, Audio/Video Technology, and Communication Program of Study |          |                |   |                                      |
| Digital Communications Pathway                                   |          |                |   |                                      |
| Level  | Course # | Course Credits | Course Title  | Certification Options                |
| Level 1  | 16150    | 1              | Principles of Arts, A/V Tech & Communications       |                                      |
| Level 2  | 16155    | 1              | Audio/Video Production I                            |                                      |
| Level 2  | 16171    | 1              | Digital Audio Technology I                          |                                      |
| Level 3  | 16685    | 2              | Audio/Video Production II/Lab <b>(Double Block)</b> | Adobe Professional (Premiere Pro)    |
| Level 3  | 16172    | 1              | Digital Audio Technology II                         | Adobe Professional (Premiere Pro)    |
| Level 4  | 16690    | 2              | Practicum in A/V Production <b>(Double Block)</b>   | Digital Video Production Foundations |

| Graphic Design and Interactive Media Pathway |          |                |  |                                    |
|--|----------|----------------|--|------------------------------------|
| Level  | Course # | Course Credits | Course Title   | Certification Options              |
| Level 1                                      | 16150    | 1              | Principles of Arts, A/V Tech & Communications                    |                                    |
| Level 2                                      | 16665    | 1              | Graphic Design & Illustration                                    | Adobe Professional (Photoshop)     |
| Level 2                                      | 16200    | 1              | Fashion Design   |                                    |
| Level 2                                      | 16675    | 1              | Animation I  |                                    |
| Level 3                                      | 16667    | 2              | Graphic Design & Illustration II/Lab <b>(Double Block)</b>       | Adobe Professional (Illustrator)   |
| Level 3                                      | 16205    | 2              | Fashion Design II/Lab <b>(Double Block)</b>                      |                                    |
| Level 3                                      | 16680    | 2              | Animation II/Lab <b>(Double Block)</b>                           | Adobe Professional (After Effects) |
| Level 4                                      | 16670    | 2              | Practicum in Graphic Design & Illustration <b>(Double Block)</b> | Adobe Professional (InDesign)      |
| Level 4                                      | 16681    | 2              | Practicum in Animation <b>(Double Block)</b>                     |                                    |
| Level 4                                      | 16335    | 2              | Career Preparation I <b>(Double Block)</b>                       |                                    |

| BUSINESS AND INDUSTRY ENDORSEMENT              |          |                |  |   |
|--|----------|----------------|--|---|
| Architecture and Construction Program of Study |          |                |  |   |
| Electrical Pathway                             |          |                |  |   |
| Level  | Course # | Course Credits | Course Title   | Certificate Options                           |
| Level 1  | 16893    | 1              | Principles of Construction                                 |   |
| Level 2  | 16638    | 1              | Electrical Technology I                                    |   |
| Level 3  | 16639    | 2              | Electrical Technology II <b>(Double Block)</b>             |   |
| Level 4  | 16894    | 2              | Practicum in Construction Technology <b>(Double Block)</b> | Electrical Apprenticeship Certificate Level 1 |

| BUSINESS AND INDUSTRY ENDORSEMENT                 |          |                |  |   |
|---|----------|----------------|--|---|
| Business, Marketing, and Finance Program of Study |          |                |  |   |
| Business Management Pathway                       |          |                |  |   |
| Level   | Course # | Course Credits | Course Title   | Certificate Options                             |
| Level 1   | 16255    | 1              | Principles of Business, Marketing & Finance            |   |
| Level 2   | 16260    | 1              | Business Information Management I                      | MS Office Word Expert<br>MS Office Excel Expert |
| Level 2   | 16270    | 1              | Business Law   |   |
| Level 3   | 16275    | 1              | Business Management                                    | General Management                              |
| Level 3   | 16265    | 1              | Business Information Management II                     | MS Office Word Expert<br>MS Office Excel Expert |
| Level 4   | 16295    | 2              | Practicum in Business Management <b>(Double Block)</b> | Entrepreneurship and Small Business             |

| Marketing and Sales Pathway |          |                |  |                                     |
|-----------------------------|----------|----------------|--|-------------------------------------|
| Level                       | Course # | Course Credits | Course Title                                 | Certificate Options                 |
| Level 1                     | 16255    | 1              | Principles of Business, Marketing & Finance  |                                     |
| Level 2                     | 19101    | 1              | Marketing                                    |                                     |
| Level 3                     | 16811    | 0.5            | Social Media Marketing <b>(One Semester)</b> | Stukent Social Media Marketing      |
| Level 3                     | 16795    | 0.5            | Advertising <b>(One Semester)</b>            |                                     |
| Level 4                     | 16781    | 2              | Practicum in Marketing <b>(Double Block)</b> | Entrepreneurship and Small Business |

| BUSINESS AND INDUSTRY ENDORSEMENT        |          |                |  |                                     |
|--|----------|----------------|--|-------------------------------------|
| Hospitality and Tourism Program of Study |          |                |  |                                     |
| Culinary Arts Pathway                    |          |                |  |                                     |
| Level                                    | Course # | Course Credits | Course Title                                     | Certificate Options                 |
| Level 1                                  | 16505    | 1              | Intro to Culinary Arts                           | ServSafe Food Handlers              |
| Level 2                                  | 16510    | 2              | Culinary Arts <b>(Double Block)</b>              | Food Safety & Science Certification |
| Level 3                                  | 16517    | 2              | Advanced Culinary Arts <b>(Double Block)</b>     | ServSafe Manager                    |
| Level 4                                  | 16515    | 2              | Practicum in Culinary Arts <b>(Double Block)</b> |                                     |

| BUSINESS AND INDUSTRY ENDORSEMENT            |          |                |   |                                     |
|--|----------|----------------|---|-------------------------------------|
| Information Technology Program of Study      |          |                |   |                                     |
| Programming and Software Development Pathway |          |                |   |                                     |
| Level  | Course # | Course Credits | Course Title  | Certification Options               |
| Level 1                                      | 16645    | 1              | Computer Science I  | CodeHS Python Level 1 Certification |
| Level 2                                      | 16650    | 1              | AP Computer Science Principles                            |                                     |
| Level 3                                      | 16663    | 1              | AP Computer Science A                                     | CompTIA IT Fundamentals             |
| Level 4                                      | 16658    | 2              | Practicum in Information Technology <b>(Double Block)</b> |                                     |

| Cyber Security Pathway |          |                |   |                                     |
|------------------------|----------|----------------|---|-------------------------------------|
| Level                  | Course # | Course Credits | Course Title                            | Certification Options               |
| Level 1                | 16645    | 1              | Computer Science I                      | CodeHS Python Level 1 Certification |
| Level 2                | 16650    | 1              | AP Computer Science Principles          |                                     |
| Level 3                | 16663    | 1              | AP Computer Science A                   | CompTIA IT Fundamentals             |
| Level 4                | 16692    | 2              | Practicum in STEM <b>(Double Block)</b> |                                     |

| BUSINESS AND INDUSTRY ENDORSEMENT           |          |                |   |                               |
|---|----------|----------------|---|-------------------------------|
| Transportation, Distribution, and Logistics |          |                |   |                               |
| Automotive and Collision Repair Pathway     |          |                |   |                               |
| Level                                       | Course # | Course Credits | Course Title  | Certification Options         |
| Level 1                                     | 16298    | 1              | Principles of Transportation Systems                                | OSHA 10 General Safety        |
| Level 2                                     | 16866    | 2              | Automotive Technology I <b>(Dual Credit) (Double Block)</b>         |                               |
| Level 3                                     | 16869    | 2              | Automotive Technology II <b>(Dual Credit) (Double Block)</b>        |                               |
| Level 4                                     | 16867    | 2              | Pract in Transportation Systems <b>(Dual Credit) (Double Block)</b> | CHASSIS Level 1 Certification |

| Automotive and Collision Repair Pathway (General Studies) |          |                |  |                                       |
|---|----------|----------------|--|---------------------------------------|
| Level   | Course # | Course Credits | Course Title                                   | Certification Options                 |
| Level 1   | 16298    | 1              | Principles of Transportation Systems           | OSHA 10 General Safety                |
| Level 2   | 16861    | 1              | Automotive Basics                              |                                       |
| Level 3   | 16868    | 2              | Automotive Technology I <b>(Double Block)</b>  |                                       |
| Level 4   | 16870    | 2              | Automotive Technology II <b>(Double Block)</b> | Principles of Small Engine Technology |

| STEM ENDORSEMENT             |          |                |   |                       |
|------------------------------|----------|----------------|---|-----------------------|
| Engineering Program of Study |          |                |   |                       |
| Engineering Pathway          |          |                |   |                       |
| Level                        | Course # | Course Credits | Course Title  | Certification Options |
| Level 1                      | 16887    | 1              | Principles of Applied Engineering                                       |                       |
| Level 2                      | 16885    | 1              | Engineering Design & Presentation                                       |                       |
| Level 3                      | 16892    | 1              | Engineering Design & Problem Solving**                                  |                       |
| Level 4                      | 16692    | 2              | Practicum in STEM (Double Block) (Prerequisite: Algebra I and Geometry) |                       |

| PUBLIC SERVICES ENDORSEMENT             |          |                |  |                        |
|---|----------|----------------|--|------------------------|
| Education and Training Program of Study |          |                |  |                        |
| Teaching and Training Pathway           |          |                |  |                        |
| Level                                   | Course # | Course Credits | Course Title                                     | Certification Options  |
| Level 1                                 | 16350    | 1              | Principles of Education and Training             |                        |
| Level 2                                 | 16380    | 1              | Human Growth & Development                       |                        |
| Level 2                                 | 16585    | 1              | Child Development                                |                        |
| Level 3                                 | 16356    | 2              | Instructional Practices (Double Block)           |                        |
| Level 4                                 | 16360    | 2              | Practicum in Education & Training (Double Block) | Education Aide Level 1 |

| PUBLIC SERVICES ENDORSEMENT     |          |                |  |                               |
|---------------------------------|----------|----------------|--|-------------------------------|
| Human Services Program of Study |          |                |  |                               |
| Cosmetology Pathway             |          |                |  |                               |
| Level                           | Course # | Course Credits | Course Title                               | Certification Options         |
| Level 1                         | 16550    | 1              | Intro to Cosmetology                       |                               |
| Level 2                         | 16555    | 3              | Cosmetology I/Lab (Triple Block)           |                               |
| Level 3                         | 16560    | 3              | Cosmetology II/Lab (Triple Block)          |                               |
| Level 4                         | 16463    | 2              | Practicum in Human Services (Double Block) | Cosmetology Operators License |

| PUBLIC SERVICES ENDORSEMENT   |          |                |  |                         |
|---|----------|----------------|--|-------------------------|
| Health Science Program of Study                                       |          |                |  |                         |
| Diagnostic and Therapeutic Services - Patient Care Technician Pathway |          |                |  |                         |
| Level   | Course # | Course Credits | Course Title   | Certification Options   |
| Level 1   | 16450    | 1              | Principles of Health Science                                     |                         |
| Level 2   | 16480    | 1              | Medical Terminology  |                         |
| Level 3   | 16451    | 2              | Health Science Theory/Clinical (Double Block)                    | CPR                     |
| Level 4   | 16466    | 2              | Practicum in Health Science -Certified Nurse Aide (Double Block) | Patient Care Technician |

| Diagnostic and Therapeutic Services - Phlebotomy Pathway |          |                |   |                       |
|--|----------|----------------|---|-----------------------|
| Level  | Course # | Course Credits | Course Title  | Certification Options |
| Level 1  | 16450    | 1              | Principles of Health Science                            |                       |
| Level 2  | 16480    | 1              | Medical Terminology                                     |                       |
| Level 3  | 16451    | 2              | Health Science Theory/Clinical (Double Block)           | CPR                   |
| Level 4  | 16460    | 2              | Practicum in Health Science - Phlebotomy (Double Block) | Phlebotomy Technician |

| Nursing Science Pathway |          |                |                              |                       |
|-------------------------|----------|----------------|------------------------------|-----------------------|
| Level                   | Course # | Course Credits | Course Title                 | Certification Options |
| Level 1                 | 16450    | 1              | Principles of Health Science |                       |
| Level 2                 | 16480    | 1              | Medical Terminology          |                       |
| Level 3                 | 16465    | 1              | Anatomy & Physiology**       |                       |
| Level 4                 | 16470    | 1              | Pathophysiology**            |                       |

| PUBLIC SERVICES ENDORSEMENT             |          |                |   |                                   |
|---|----------|----------------|---|-----------------------------------|
| Law and Public Service Program of Study |          |                |   |                                   |
| Law Enforcement Pathway                 |          |                |   |                                   |
| Level                                   | Course # | Course Credits | Course Title  | Certification Options             |
| Level 1                                 | 16725    | 1              | Principles of Law, Public Safety, Corrections & Security    |                                   |
| Level 2                                 | 16730    | 1              | Law Enforcement I   |                                   |
| Level 3                                 | 16750    | 1              | Law Enforcement II  |                                   |
| Level 4                                 | 16740    | 1              | Federal Law Enforcement & Public Safety                     |                                   |
| Level 4                                 | 16745    | 1              | Forensic Science**  |                                   |
| Level 4                                 | 16755    | 2              | Practicum in Law, PS, Corrections & Security (Double Block) | Non Commissioned Security Officer |

## CTE GENERAL ELECTIVE COURSES

|   |
|---|
| Floral Design (1) 16090                 |
| Money Matters (1) 16415                 |
| Career Preparation I (2) 16337          |
| Professional Communications (0.5) 12170 |
| Entrepreneurship (1) 16790              |