

## **2017-18 JACC Classes with Success Indicators**

**These are recommendations/suggestions to follow when placing students in classes.**

**Students do best in these classes with the following characteristics.**

### **AgriScience**

- A desire to explore careers in many areas of agriculture
- Able to perform physical work in a variety of conditions: Willing to work outside in all types of weather
- A desire to learn about and work with livestock including cattle, pigs, chickens, and sheep
- A desire to learn about and work with plants
- A desire to improve leadership skills through FFA club
- Works well with others and in teams, and has the ability to work independently
- Has the ability to complete reading and writing assignments at about the 8<sup>th</sup> grade level
- Effective communication skills

### **Army JROTC (Basic for juniors, Advanced for seniors, Charlie Company after school grades 9-12)**

- Willing to explore military careers
- A desire to work on personal fitness
- Ability to read and write at the middle school level
- Motivated to improve leadership skills and self-discipline
- Will respectfully wear the Army Uniform
- Have good attendance
- Improve citizenship skills by serving others

### **Auto Body**

- Physically able to handle repetitive movement in dusty, noisy, confined environments
- Good employability skills: Present, punctual, prepared for class, pride in work and respectful of others
- Willing to learn the art and process of auto body by building skills from the basics to work that could be sold to a customer
- Able to read for information from textbooks, product labels, and automotive catalogs
- Ability to stay on task and work independently in the presence of noise and distractions from equipment and other workers
- Good problem solving skills and listening skills
- Solid basic Math skills: Add, subtract, multiply, divide, fractions, decimals, ratios, percentages, measurement and volume

### **Automotive Technology**

- Strong reading skills: Able to read for information, locate information, draw conclusions
- Critical thinking skills
- Textbook and technical material written at college level
- Computer based curriculum: Textbook and many assignments are online
- Math/measurement is critical: Micrometer, fractions, metric system, volume, geometry
- Strong employability skills: Good attendance, good attitude, follow safety rules, daily uniform, organizational skills, good time management
- Able to work independently and in small teams

## Careers in Education

- Strong reading, writing, and math skills.
- Must be able to pass CPR/First Aid training in September to stay in the class
- Able to communicate ideas and concepts clearly in writing, which is organized, concise, and grammatically correct
- Critical thinking and problem solving skills
- Able to communicate effectively with others
- Good employability skills: Good attendance, positive attitude, works and relates well to others
- Flexible and adapts easily to new situations
- Accepts constructive criticism and positive feedback in a mature manner and is willing to learn
- Relates well to others effectively and controls emotions in an appropriate manner
- Good organizational skills, able to manage time wisely, self-motivated
- Interested in working with school-aged children (pre-school through high school)

## Computer Information Technology: Networking & Cyber Security (JAC3 Early/Middle College opportunity option)

*Curriculum includes: Computer Forensics, Networking, Cyber Defense and Robotics*

- Speaking skills- good eye contact, a varied vocabulary and the ability to tailor your language to suit your audience are all essential characteristics of an artful speaker
- Confidence in decision making-The key is to make sure that your decisions are thought out and reasoned. Be confident in your judgment and believe in yourself to get things right
- Accountability-Everyone makes mistakes, but the real test is how you react to that. Putting yourself in the firing line is the mark of a person who wants to achieve great things and is prepared to be scrutinized
- A positive attitude-If you can cultivate a positive outlook, you will encourage others to be more positive
- Self-presentation-The way you look also enhances the way you feel about yourself, making you more confident
- Time management skills-Your work will be of better quality and you will be entrusted with increased responsibility. It will also afford you additional leisure time. It is a key element to success and well worth practicing. This means overcoming procrastination (which we can all be guilty of at times), setting goals that are challenging (but realistic) and trying to use your time efficiently
- Academics-Good to excellent math and English skills will greatly enhance the probability of success for prospective students

## Computer Information Technology: Programming (JAC3 Early/Middle College opportunity option)

*Curriculum includes: Software, Mobile Apps, Advanced Websites, "Smart Gadgets"*

- Good at math and likes it, especially Algebra and story problems
- Enjoys logic puzzles & brain-teasers
- Good at number patterns. Can you solve this? \_\_, \_\_, 48, 78, 126, 204, ...
- Detail-oriented. Are you good at "spot the difference between two images" games?
- Persistent/Determined: It may take hours to fix a programming error
- A problem-solver with initiative. If you don't know the answer, can you find it (beyond just using Google)?
- At grade-level reading comprehension
- Has made a website- is a plus but not mandatory
- Fast learner; adapt quickly to new material
- No previous computer experience required if above indicators are met

## Construction Trades

- First year students will learn carpentry, masonry, electrical and plumbing skills
- Willing to work in loud, dusty, hot, cold, or dirty environment; Work is physically demanding
- Ability to conceptualize visual and spatial relationships (blueprints: 2 dimensional / 3 dimensional)
- Able to work independently and in small teams
- Strong employability skills: Good attendance, prepared for class, follow safety rules
- Textbooks, technical manuals, and math skills reflect real world academic use
- Math/measurement skills are critical: Reading tape measure, squares, scales accurate to 1/16"
- Demonstrated ability to solve problems related to technical math; Strong ability in Algebra 1 and Geometry
- Strong mechanical aptitude
- Ability to make judgments and execute precision work

## Construction Site- Pre-requisite: Successful completion of first year Construction

- Good attitude, maturity level, professionalism, and interest level
- Good critical thinking, problem solving, and ability to locate information
- Great attendance, able to self-manage, and follow rules
- Strong ambition level, eager to learn, motivated, and productive
- Able to work in loud, dusty, hot, cold, dirty, and/or high above ground environment

## Cosmetology

- Mandatory 2 year program: Must start class as a junior
- Must have transportation 1<sup>st</sup> year if from a school that only sends PM shift. Junior schedule is 8:00-10:50 AM
- Must have reliable transportation 2<sup>nd</sup> year. Senior schedule is 11:30-6:00 PM Mon-Fri.
- Great attendance: Must complete 1500 hours of training by end of senior year to take state board exam
- GPA of 2.5 or higher is recommended
- Good foundation of basic Math skills: Addition, subtraction, ratios, percentages, angles, and volume
- Interest in Science: Anatomy, Physiology, Chemistry
- Able to locate information
- Positive client-friendly demeanor: Great attitude, good personality, ability to separate personal from professional issues, professional dress
- Good interpersonal "people" skills to be able to interact, read, and deal with variety of clients
- Good communication skills: Able to question clients about their needs, listen to gain understanding, and able to convey ideas clearly to avoid misunderstanding
- Artistic nature: Originality and imagination to develop particular cut, style, color on client
- Physical demands: Able to stand for hours, reaching and grasping, stamina, manual dexterity with fingers, able to keep hands and arms steady while working

## Culinary Arts

- Ability to read for information at the 8<sup>th</sup> grade level
- Able to perform basic math functions: Fractions, decimals, percentages, and volume
- High standards for personal hygiene
- Ability to prioritize work and make good judgments under pressure
- Demonstrate an eagerness to work, be adaptable, and punctual
- Ability to carry out detailed, multiple step, written and oral instructions
- Ability to withstand the physical demands of standing for long periods and working in extreme heat
- Ability to work independently and in teams
- Ambition: Motivated, productive, and able to self-manage

## **Engineering/PLTW (JAC3 Early/Middle College opportunity option)**

- Successful completion of IED and POE at local school, if they offer these foundation courses
- If the school does not offer IED and POE, should have other attributes below
- Strong Math skills- Algebra
- Strong Science skills- interest in physics concepts
- Able to think creatively and outside the box
- Critical thinking and problem solving skills using logic
- Interest in computer simulation
- Interest in robotics, engineering, manufacturing and architecture
- Self-motivated, able to work independently and with a team
- College level coursework: Fast pace and high reading level

## **Firefighting**

- Works well in groups and teams
- Enjoys and is able to participate in rigorous physical activities including search and rescue, rappelling, and basic firefighting activities
- Textbook and material written at college level
- GPA of 2.5 or higher is recommended
- Is motivated to serve their community
- Willing to work in structured setting, daily uniform

## **Health Dental**

- Professionalism, good ethical behavior (ie. honesty), and teamwork
- Strong emphasis on employability skills: Good attendance, productive worker, follows safety rules, daily uniform requirements, positive patient-friendly attitude, and ability to work as a team in a dental environment
- Self-directed, independent learner: Able to multi-task in a busy classroom/lab/clinic environment
- Performing hands-on dental skills and procedures is a requirement
- Strong reading and writing skills: Able to read and locate information from textbooks and technical materials that are written at a college level with an emphasis on science and medical/dental terminology
- Able to work independently on a computer based curriculum
- Critical thinking and problem solving skills are needed as many written assignments are online

## **Health Technician 1**

- Strong academic ability in Science, Reading and Writing: Able to read and locate information from textbooks and technical materials that are written at a college level with an emphasis on science and medical terminology
- Basic math skills: fractions, whole numbers, decimals, and measurement. No calculator computations permitted
- Strong emphasis on employability skills: Good attendance, productive worker, follows safety rules, daily uniform requirements, positive patient-friendly attitude, and ability to work as a team in a medical environment
- Demonstrate emotional stability, caring and empathetic attitude, good interpersonal communication skills
- Self-directed, independent learner: Able to multi-task in a busy classroom/clinic environment
- Performing hands-on medical skills and procedures is a requirement
- Able to work independently on a computer based curriculum
- Critical thinking and problem solving skills are needed as many assignments are on-line
- GPA of 2.5 or higher is recommended
- Must have transportation for clinical hours (4 days total)
- Must pass background check to be eligible for clinical hours

**Health Technician 2 (Patient Care Technician)**- Pre-requisite: Completion of Health Tech 1 or Dental with grade of 80% or higher

- Employability skills: Excellent attendance, flexibility, able to work in groups and independently
- Task planning, time management and organizational skills; average clerical skills; detail oriented
- Curriculum for PCT includes: Body Structure & Function, Medical Terminology, Phlebotomy, EKG
- Ability to take initiative and adapt to change
- Ability to stand for long periods of time
- Eager, highly motivated to complete moderately accelerated curriculum
- Strong academic ability in Math and Science; Textbook and material written at college level
- Those interested and meet criteria can also take additional on-line Pharmacy Tech as an independent study

### **JAC3 Early/Middle College**

- Student is on track to graduate
- Good attendance records
- Solid Math and Reading skills –minimum cumulative GPA of 2.5 or higher
- Academically prepared to take college level dual-enrollment coursework in the junior year *and* good PSAT scores
- Motivated to complete a work-based work experience
- Willing to hold diploma until the 13<sup>th</sup> year
- Willing/prepared to take summer courses or other activities (such as interviews, meetings) if needed

### **Law Enforcement**

- Strong academic ability in English- much reading and writing required
- Textbook and material written at college level
- GPA of 2.5 or higher is recommended
- Physical fitness activities are a mandatory part of class
- Community service hours will be required as part of curriculum
- Employability skills: Good attendance and ethical behavior (ie. honesty)

### **Precision Machining/CAM (JAC3 Early/Middle College opportunity option)**

- Above average verbal and numeric skills
- Above average learning ability and mechanical reasoning skills
- Ability to make good judgments
- Ability to stay focused and on task
- Ability to problem solve
- Computer literacy
- Does well in Algebra and Geometry
- Has a fascination with how things work
- Has the ability to work independently

### **Sales & Marketing**

- Students are cooperative and enthusiastic, work well with others, and participate willingly
- Able to follow directions, work independently, and ask questions to clarify
- Willingness, self-confidence, and perseverance to try new things and learn from mistakes
- Have drive and strive for more than just minimum requirements
- Comfortable volunteering new ideas and using imagination to solve problems
- Demonstrates maturity and judgment – take responsibility for self
- Honest individuals with integrity

## **Transition to Work**

- To enroll, special education teacher must utilize the Centralized Referral Process to review the IEP, Accommodations and Eligibility criteria
- Good attendance
- Ability to handle physically demanding work
- Observation and problem solving skills
- Interpersonal communication skills
- Ability to follow directions and use a checklist
- Willingness to complete repetitive tasks and work with industry standards
- Ability to work as a team, as well as independently with minimal supervision when on a job site

## **Visual Communications**

- Good attendance and punctuality
- Pays attention to detail
- Ability to read and follow directions, both written and verbal
- Basic math skills and ability to read a ruler
- Creative thinking
- Enjoys working with hands and mind
- Likes change and a fast-paced environment
- Can handle criticism of creative work
- Patient, and likes the challenge of solving a problem

## **Welding (JAC3 Early/Middle College opportunity option)**

- Strong academic skills in Geometry and Algebra
- Able to read for information
- Good eye/hand coordination
- Critical thinking skills
- Strong employability skills: Good attitude, flexibility, reliability, follows safety procedures
- Able to work independently