

CAREER EXPLORATION

REQUIRED COURSE:

GRADE 9	GRADE 10	GRADE 11	GRADE 12
	Career Countdown		

ELECTIVE COURSES:

Studio & Live Production	Studio & Live Production	Occupational Work Prog Exp Law Enforcement Certified Nursing Ass't: CNA Studio Live Production Manufact & Engineer Devel. Electronics Core Peer Tutor - Spanish	Occupational Work Prog Exp Law Enforcement Certified Nursing Ass't: CNA Studio & Live Production Manufact & Engineer Devel. Electronics Core Peer Tutor Spanish
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460 Career Countdown
1 term 1/4 credit

Pre: None

Grade Level: 10 REQUIRED

Course Summary: The Career Countdown course develops student awareness of careers and educational options after graduation; it also encourages self-awareness and decision making. First, students learn about themselves through a series of personal assessments. From these assessments, they write an analysis about what they learned. They then indicate a possible occupation, research, and present that occupation. The required occupational training is investigated, including 4-year colleges and universities, 2-year community colleges, technical colleges, apprenticeships, on-the-job training, and military service. Learning employment skills that can be used to find a part-time job or their dream career in the future is the final unit of this course. These skills include soft skills, the application process, interviewing skills, and the appropriate documents that are used to gain employment.

462A Occupational Experience Program
4 term hours (fall semester) 1 credit

462B Occupational Experience Program
4 term hours (winter semester) 1 credit

462C Occupational Experience Program
4 term hours (spring semester) 1 credit

Pre: Career Countdown

Grade Level: 11 & 12

Course Summary: Through ROCORI High School's School-to-Work program, high school juniors and seniors take classes in the morning or afternoon and use the remainder of the school day to work. Hours vary with the particular student and job, but typically consists of three periods of classes and two periods of work each day. This opportunity allows students to receive specialized training in a particular job in addition to earning a salary. This in turn, allows students to gain confidence and pride in their own abilities. Students learn transferable skills and how to efficiently manage their school work and job expectations. The ability to develop employment skills, network during an ever-changing economy and time management is indeed a valuable and necessary *real life skill*. The ability to earn money builds a feeling of self-reliance in students; thus, becoming that much more marketable upon graduation. Necessary steps to be enrolled are:

1. *A legitimate job site.
2. Prior approval for registration/enrollment including an application and interview with the Occupational Experience Program Supervisor.
3. Work beginning by 8:00 a.m. 1:00 p.m. each day.
4. Transportation or transportation with a co- worker.
5. Exhibit appropriate conduct at the work site.
6. Weekly class meetings and completion of activities.

*Defined as a business setting which will employ the student on a regular schedule, Monday through Friday by 8:00 a.m. or 1 p.m. each day.

In addition, the student must abide by the following rules to remain eligible for the program:

1. Must pass in all classes in order to stay on work program.
2. May not be absent from the skills class more than three (3) times per term.
3. May not attend work if absent from school.
4. Abide by Department of Labor work standards.

Suggestion: If you are working at a restaurant or in the food service industry it is **STRONGLY SUGGESTED** that you consider enrolling in the new "Introduction to Culinary" class that is offered through the FACS department.

463 Law Enforcement

1 term 1/4 credit

Pre: None

Grade Level: 11 – 12

Course Summary: Law Enforcement is a basic introductory course designed to prepare students for an exciting career in the field of law or law enforcement. Students will be introduced to the history of law enforcement and the advancements in the ever-changing field. Instruction will also include questioning procedures, legal rights, and examination of routine police procedures, criminal investigation, pursuits and arrest. Students will have the opportunity to meet professionals in the field, participate in simulated scenarios, demonstrations, and tour pertinent law enforcement sites. This course is a must have for those interested in the world of law enforcement.

464 Certified Nursing Assistant CNA (Discovery Academy CIHS)

2 terms 1/2 credit 3 College Credits

Pre: 2.5 GPA & other requirements TBD

Grade Level: 11 - 12

Course Summary: Available to juniors and seniors. Space is limited and priority will be given to eligible seniors. Certified Nursing Assistants (CNA's) provide caring, hands-on healthcare to patients in medical settings, helping with bathing, dressing and the basic activities of live. A day in the life of a CNA might also include:

- *Turning or repositioning bedridden patients
- *Taking patients' temperature, blood pressure and other vital signs
- *Answering patient calls
- *Documenting patients' health issues and report to nurse
- *Feeding patients, measuring and recording their food and liquid intake
- *Cleaning rooms and bed linens
- *Helping with medical procedures
- *Dressing wounds

In CNA class, you'll learn about infection control, taking vital signs and delivering personal care. Topics might also include communication skills and patients' rights. Upon completing your coursework you can take the CNA certification exam, which usually includes a multiple choice exam and a manual skills test.

Students eligible and enrolled in this course will receive college credit from St. Cloud Technical and Community College. Students will be responsible for the cost of the background check/tuberculin skin test, a set of scrubs and the CNA certification exam.

466 Studio & Live Production

2 terms 1/2 credit

Pre: Application Process see Mr. Krueger

Grade Level: 9-12 Class size limited – Class may be repeated with instructor approval

Course Summary: Unleash your creativity and learn the art of filmmaking and broadcast in our filmmaking class! You will go through the entire filmmaking process, from camera basics to gear, filming and editing. You will learn the technical skills you need to operate equipment and produce high-quality broadcasts or production shows. As well as the creative skills to craft engaging content and deliver compelling performances. You'll have the opportunity to work on real-world projects such as the ROCORI News Show, develop your own ideas, and even produce a class short film.

You'll have the opportunity to collaborate with your peers on projects that showcase your unique talents and ideas. From camera operating, to sound design, lighting, storytelling, and directing you will learn what path in the industry you love! Career opportunities include, DJ, Sound Technician, Podcaster, Youtuber, News Anchor, many film set roles, commercial director or camera operator, TV Station camera operator or Producer, or a Sportscaster, this class will give you the training and experience you need to step into the exciting world of media production.

Don't miss out on this opportunity to turn your passion for film into a reality. Sign up for our high school filmmaking class today! **See Mr. Krueger for an application!**

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Four local school districts will partner with Coldspring (Granite Company) to deliver introductory coursework for high school juniors and seniors interested in learning more about manufacturing and engineering. Classes will take place on the Coldspring campus and will be taught by a SCTCC instructor. **Students will be registering for a full year commitment and must provide their own transportation.** These courses do transfer directly to the Robotics & Automation, Mechatronics, Instrumentation & Process Control, and Energy Technical Specialist at SCTCC. **Another component of these classes includes A.M. work place at Coldspring for both classes, unless you take both manufacturing and Electronics.**

468 Manufacturing & Engineering Development I & II (Discovery Academy CIHS)

6 terms 1 1/2 credit 8 College Credit

Pre: Accuplacer

Grade Level: 11 – 12

Course Summary: The first college semester of this course includes **Safety Awareness:** This course design aligns with the Manufacturing Skill Standards Council's (MSSC) assessment and certification system for Safety. The course curriculum follows federally endorsed national standards for production workers. This course will introduce OSHA standards relating to personal protective equipment, HAZMAT, tool safety, confined spaces, and others. The second portion includes **Maintenance Process and Production:** This course is designed to align with the Manufacturing Skill Standards Council's (MSSC) assessment and certification system for Manufacturing Processes. The course curriculum is based upon federally-endorsed national standards for production workers. This course emphasized, Just-In-Time (JIT) manufacturing principles, basic supply chain management, communication skills, and customer service.

Spring semester includes **Quality Practice:** This course is designed to align with the National Skills Standard assessment and certification system for Quality Practices. The course curriculum is based upon federally-endorsed national standards for production workers. Emphasis is placed on Continuous Improvement concepts and how they relate to a quality management system. Students will be introduced to a quality management system and its components. These include corrective actions, preventative actions, control of documents, control of quality records, internal auditing of processes, and control of non-conforming product. **Maintenance Awareness:** This course is designed to align with the National Skills Standard assessment and certification system for Maintenance Awareness. The course curriculum is based upon federally-endorsed national standards for production workers. The Maintenance Awareness course introduces the concepts of Total Productive Maintenance and preventative maintenance. Students will be introduced to lubrication, electricity, hydraulics, pneumatics, and power transmission systems.

470 Electronics Core (Discovery Academy CIHS)

6 terms 1 1/2 credit 11 College Credits

Pre: Accuplacer

Grade Level: 11-12

Course Summary: The first half of the college semester of this course is **DC Electronics:** This is a foundational course in direct current (DC) electricity. This course is designed for students who have no previous experience with electricity. The primary goals of this course are to help individuals acquire a solid foundation in the theories and laws of direct current (DC) electricity, and to apply their knowledge and skills through problem solving, simulation, and practical projects. The second portion of fall semester is **AC Electronics:** This fundamental course in alternating current (AC) electricity. This course is designed for students who have a fundamental knowledge and understanding of the theory and laws of direct current (DC) electricity. The primary goals of this course are to help individuals gain the knowledge and skills necessary to troubleshoot and repair single and three phase AC powered systems and equipment. Individuals will apply these skills through problem solving, simulation, and practical projects.

Spring semester includes **Print Reading & Design:** This is a foundational course in industrial print reading. This course is designed for students who have no previous experience with print reading. The primary goals of this course are to help individuals acquire a solid foundation in print reading, mechanical drafting concepts, and machine layout tools to transfer measurements from drawing to stock. Student will be able to understand and read piping and instrumentation diagrams (P&ID). **Digital Electronics:** The primary goals of this course are to help individuals acquire a fundamental knowledge of digital electronics, Boolean algebra, digital devices, analog to digital conversion and digital to analog conversion, and how to apply their knowledge and skills through problem solving, simulation and practical projects.

952 Peer Tutor

1 term 1/4 term

Pre: Spanish II or Native Speaker and Pre-Approval from Mr. Herrig

Grade Level: 11-12

Course Summary: Are you interested in becoming a teacher? Are you confident in your Spanish speaking skills and feel you can help our students who are just learning English? If so, you may be interested in being a peer tutor during the school day in mainstream classes.