

“Drawing Board” for a Tech Prep Program

Business CLUSTER				
<i>Rock Falls High School</i>				
Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
MATH	Alg. IA Alg. I Geometry	Alg. 1A/B Geometry Adv. Alg.	Geometry Adv. Alg. Pre-Calc.	
ENGLISH/ SPEECH	English 1	English 2 Speech	Junior English	Senior English
SCIENCE	Bio. 1	E/G Science	Bio. II or Chem. 1	
SOCIAL STUDIES/ FINE ARTS	Civics	W. Geog. W. History	American History Cons. Ed	Am. Govt. Economics
(COMPUTER) TECHNOLOGY	<u>Intro to Bus Tech</u>	<u>Computer Concepts 1</u>	<u>Computer Concepts 2</u>	
OTHER				

Fire Science (Career Major)			
<i>Sauk Valley Community College</i>			
Freshman		Sophomore	
	MAT 106 or higher-3 hrs.		
ENG 101- Composition I- 3 hrs.			ENG 111- Business & Technical Communication
		CHE 102- Intro to Chem.- 3 hrs. or CHE 103- Intro to Chem.- 4 hrs.	
*SUMMER * PSY 103- Intro to Psychology- 3 hrs.			
*SUMMER * PSY 100- Orientation- 1 hr.			

OTHER	PE 1 / Health	PE 2/ Dr. Ed.	PE 3	PE 4
TECHNICAL CORE		Business Law	Accounting I	Accounting II
TECHNICAL CORE			Sports Marketing Business Law	
WACC OPPORTUNITY, INTERNSHIP EXP., DUAL CREDIT			DUAL CREDIT with SVCC-BUS 103-3 hrs. Internet Offering	

FIR 100- Intro to Fire Science- 1 hr. FIR 101- Basic Firefighter Operations- Module A- 4 hrs. FIR 102- Basic Firefighter Operations- Module B- 4 hrs. FIR 103- Basic Firefighter Operations- Module C- 4 hrs.	FIR 104- Advanced Technician Firefighter- 8 hrs. FIR 105- Tactics & Strategies- 3 hrs. FIR 106- Fire Service Vehicle Operation- 1 hr.	FIR 200- Management I- 3 hrs. FIR 201- Fire Service Instructor I- 3 hrs. FIR 202- Fire Prevention Principles- 3 hrs. FIR 203- Hazardous Materials I- 1 hr.	FIR 204- Hazardous Materials II FIR 205- Management II- 3 hrs. FIR 206- Vehicle & Machinery Operations- 3 hrs. FIR 207- Technical Rescue Awareness- 1 hr. FIR 208- Building Construction- 3 hrs.

Recommended High School Electives:

[Articulated Credit: Offered at Rock Falls High School](#)
[CIS 109-3 hrs.](#)
[OAS 103 or CIS 137-1 hr.](#)

SVCC Associate in Applied Science Degree: Fire Science
SVCC Certificates:

Fire Science: Advanced Technician Firefighter
Fire Science: Basic Operations Firefighter
Fire Science: Building Construction

ACC 100-4 hrs.

Dual Credit : Offered through the Internet
SVCC-BUS 103-3 hrs.

Dual Credit: Offered at WACC
ENG 101-3 hrs.
BIO 104 or CHE 103-3-4 hrs.

Fire Science: Fire Prevention Principles
Fire Science: Fire Service Instructor I
Fire Science: Fire Service Vehicle Operator
Fire Science: Hazardous Materials I
Fire Science: Hazardous Materials II
Fire Science: Management I
Fire Science: Management II
Fire Science: Tactics and Strategy I
Fire Science: Technical Rescue Awareness
Fire Science: Vehicle/Machinery Operations

Cluster Related Careers & Salary Ranges in Illinois:

Fire Chief: \$78,672

Deputy Chief: \$69,166

Battalion Chief: \$66,815

Assistant Fire Chief: 65,691

Fire Captain: \$60, 605

Fire Lieutenant: \$50,646

Engineer: \$48,307