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# TRANSCRIPT OF ACADEMIC RECORD

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Adanced Curriculum complete on: _____

This certificate is delivered upon request for all legal intents and purposes.

| NAME | DETAILS | GRADE | WORKLOAD |
|---|---|---|---|
| Rank0 | ---------- | - | - |
| Libft | Reimplementation of key C standard library functions and custom utilities. | 125 | 70 H |
| | | - | |
| Rank 1 | ---------- | | |
| ft_printf | Custom printf using variadic functions and format specifiers in C. | 100 | 70 H |
| Born2beroot | Introduction to system administration and virtualization with Linux. | 100 | 40 H |
| get_next_line | Read file or input content line by line with buffer management. | 104 | 70 H |
| Rank2 | ---------- | - | - |
| Fdf | 3D wireframe rendering using a basic graphics window and event handling. | 111 | 60 H |
| push_swap | Sort a stack with a minimal set of operations using sorting algorithms. | 86 | 60 H |
| Minitalk | Exchange messages between processes via UNIX signals. | 106 | 50 H |
| Exam Rank 2 | Evaluation of C programming skills through practical exercises. | 100 | - |
| Rank3 | ---------- | - | - |
| Minishell | Build a simple shell handling commands, paths, and environment variables. | 100 | 210 H |
| Philosophers | Learn concurrency using threads and mutexes in the classic dining problem. | 100 | 70 H |
| Exam Rank 3 | Practical exam to assess UNIX and C programming proficiency. | 100 | - |
| Rank 4 | ---------- | - | - |
| Net Practise | Explore networking basics: IPs, subnets, routing, and connectivity. | 100 | 50 H |
| cub3d | Raycasting-based 3D maze viewer inspired by 90s FPS games. | 125 | 280 H |
| inception | Deploy Docker containers and virtual environments for system setup. | 100 | 210 H |
| Exam Rank 4 | Advanced C and system programming skills evaluation. | 100 | - |
| Rank 5 | ---------- | - | - |
| Ft_Irc | Develop a fully functional IRC server using C++. | 125 | 175 H |
| cpp0 | Introduction to C++ syntax and differences from C. | 80 | 22 H |
| cpp1 | Study memory allocation, references, and member pointers in C++. | 90 | 12 H |
| cpp2 | Practice function overloading and canonical class forms in C++. | 80 | 12 H |
| cpp3 | Explore class inheritance and object hierarchies in C++. | 80 | 12 H |
| cpp4 | Implement abstract classes and runtime polymorphism in C++. | 80 | 12 H |
| Exam Rank 5 | Evaluation of object-oriented programming and templates. | 100 | - |
| Rank 6 | ---------- | - | - |
| cpp5 | Handle exceptions and try/catch blocks in C++. | 100 | 25 H |
| cpp6 | Use static, dynamic, and reinterpret casting in C++. | 100 | 25 H |
| cpp7 | Study class and function templates in C++. | 100 | 25 H |
| cpp8 | Implement iterators and STL-like templated containers. | 100 | 25 H |
| cpp9 | Advanced use of containers and algorithms in C++. | 90 | 40 H |
| ft_transcendence | Build and manage a full-stack web application from scratch. | 115 | 245 H |
| Exam Rank 6 | Final evaluation of full-stack development and project management. | 100 | - |